CITY OF LOS ANGELES
DEPARTMENT OF CITY PLANNING
CITY HALL 200 NORTH SPRING STREET LOS ANGELES CA 90012

Sustainable Communities Environmental Assessment

Main Street Tower Project

Case Number: ENV-2018-7379-SCEA
ZA-2018-7378-ZV-TDR-SPR & VTT-82463

Project Location: 1123-1161 S. Main Street and 111 W. 12th Street, Los Angeles, CA 90015

Community Plan Area: Central City

Council District: 14 – Kevin de León

Project Description: The Proposed Project would result in the demolition of four existing commercial/retail buildings (a total of approximately 28,110 square feet of floor area) and surface parking lot and the new construction, use, and maintenance of a 30-story (340 feet above grade) mixed-use building with 363 residential dwelling units and 12,500 square feet of ground floor commercial/retail uses. The Proposed Project would include a four-story above grade parking podium with ground floor retail/commercial uses and an amenity deck and a 26-story residential tower above the amenity deck. The Proposed Project would provide a total of 373 vehicle parking spaces and 195 bicycle parking spaces in accordance with the Los Angeles Municipal Code (LAMC) requirements. Primary vehicular access for residential and commercial uses would be provided from Main Street and from the adjacent alley. The Proposed Project would provide approximately 39,601 square feet of open space pursuant to the LAMC requirements. In total, the Proposed Project would include 343,447 square feet of total floor area resulting in a floor area ratio (FAR) of 7.03:1. The Proposed Project would remove nine (9) existing non-protected street trees in the right-of-way surrounding the Project Site: eight (8) trees along Main Street and one (1) tree along 12th Street. The Proposed Project would require approximately 5,434 cubic yards (cy) of soil to be exported and 5,434 cy of soil to be imported to/from the Project Site.

The Project's discretionary requests include: (1) Pursuant to LAMC Sections 17.03, 17.06, and 17.15, Vesting Tentative Tract Map No. 82463 to create one master ground lot for a mixed-use project containing 363 residential units and for the export of approximately 5,434 cubic yards of soil; (2) Pursuant to LAMC Section 12.27, a Zone Variance to permit 100 percent of the parking stalls required for residential uses to be designed and maintained as compact stalls in lieu of standard spaces; (3) Pursuant to LAMC Section 14.5.7, a Transfer of Floor Area Rights (TFAR) for a transfer of 49,999 square feet of floor area to allow a total floor area of 343,447 square feet with a Floor Area Ratio (FAR) of 7.03:1; and (4) Pursuant to LAMC Section 16.05, a Site Plan Review for a development project which creates, or results in an increase of 50 or more dwelling units. The Proposed Project would also require approvals and permits from the Department of Building and Safety (and other municipal agencies) for project construction activities including, but not limited to, the following: shoring, grading, foundation, removal of existing street trees, and building and tenant improvements.

PREPARED FOR:	**PREPARED BY:**	**APPLICANT:**
The City of Los Angeles Department of City Planning	Parker Environmental Consultants, LLC	Frontier Holdings West, LLC

September 2021

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C.2. Dudek, Archaeological Resources Recommendations for the Main Street Tower Project, Los Angeles, California, March 2019.

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E.1 City of Los Angeles, Department of Building and Safety, Soils Report Approval Letter, LOG # 111721, Tract 2289, Lots 34-41, 1123-1161 S. Main Street, February 4, 2020;

E.2 Geotechnologies, Inc., Preliminary Geotechnical Engineering Investigation, Proposed Mixed-Use Tower, 1123 through 1161 South Main Street, Los Angeles, California, December 19, 2018.

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G.2 Partner Engineering and Science, Inc., Phase I Environmental Site Assessment Report, 1147-1151 South Main Street, Los Angeles, California 90015, November 13, 2018.

G.3 Andersen Environmental, Phase I Environmental Site Assessment Report, 1155 and 1165 South Main Street, Los Angeles, California 90015, March 14, 2014.

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- Crain & Associates, Main Street Tower, 1123-1161 S. Main Street, Supplemental Vehicle Miles Traveled Analysis, November 21, 2019.

J.2: Non-CEQA Transportation Analysis

- City of Los Angeles Department of Transportation (LADOT) Interdepartmental Correspondence Re: Transportation Impact Assessment For The Proposed Mixed-Use Project At 1123 – 1161 South Main Street (ENV-2018-7379-EAF/VTT-82463/ZA- 2018-7378-ZV-TDR-SPR), DOT Case No. CEN18-47813, July 22, 2019.
- Crain & Associates, Transportation Impact Study for the Proposed Main Street Tower Project, City of Los Angeles, April 9, 2019.

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Dudek, Tribal Cultural Resources Report for the Main Street Tower Project, City of Los Angeles, Los Angeles County, California, September 2021.

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Section 1. Introduction

This Sustainable Communities Environmental Assessment (SCEA) has been prepared for the Main Street Tower Project pursuant to Section 21155.2 of the California Public Resources Code (PRC).

1.1 Purpose of Environmental Review

CEQA was enacted in 1970 with several basic purposes: (1) to inform governmental decision makers and the public about the potential significant environmental effects of proposed projects; (2) to identify ways that environmental damage can be avoided or significantly reduced; (3) to prevent significant, avoidable damage to the environment by requiring changes in projects through the use of feasible alternatives or mitigation measures; and (4) to disclose to the public the reasons behind a project's approval even if significant environmental effects are anticipated.

An Initial Study (IS) is a preliminary analysis conducted by the Lead Agency, in consultation with other agencies (responsible or trustee agencies, as applicable), to determine whether there is substantial evidence that a project may have a significant effect on the environment. If the Initial Study concludes that the Project, with mitigation, may have a significant effect on the environment, an Environmental Impact Report (EIR) should be prepared; otherwise the Lead Agency may adopt a Negative Declaration (ND), a Mitigated Negative Declaration (MND) or a Sustainable Communities Environmental Assessment (SCEA), if the projects meets the criteria identified in PRC § 21155.

An application for the Project has been submitted to the City of Los Angeles Department of City Planning for discretionary review. The City of Los Angeles, as Lead Agency, has determined that the Project is subject to CEQA, and the preparation of a SCEA is required.

1.2 Background Information on Senate Bill 375 and the SCEA

The State of California adopted Senate Bill 375 (SB 375), also known as "The Sustainable Communities and Climate Protection Act of 2008," which outlines growth strategies that better integrate regional land use and transportation planning in order to help meet the State's greenhouse gas (GHG) emissions reduction mandates. SB 375 requires the State's 18 metropolitan planning organizations incorporate a "sustainable communities strategy" (SCS) into the regional transportation plans to achieve their respective region's GHG emission reduction targets set by the California Air Resources Board (CARB). SB 375 provides various CEQA streamlining provisions for projects that are consistent with an adopted applicable SCS and meet certain objective criteria; one such CEQA streamlining tool is the SCEA.

The Southern California Association of Governments (SCAG) is the metropolitan planning organization for the County of Los Angeles (along with the Counties of Imperial, San Bernardino, Riverside, Orange, and Ventura).

On April 7, 2016, SCAG's Regional Council adopted the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016-2040 RTP/SCS). The 2016-2040 RTP/SCS is a long-range visioning plan that builds upon and expands land use and transportation strategies established over several planning cycles to increase mobility options and achieve a more sustainable growth pattern within the SCAG region, including achieving CARB's GHG reduction goals. For the SCAG region, CARB has set GHG emissions reduction targets at 8 percent below 2005 per capita emissions levels by 2020, and 13 percent below 2005 per capita emissions levels by 2035. The 2016-2040 RTP/SCS outlines strategies to meet or exceed the targets set by CARB. By Executive Order, approved on June 28, 2016, CARB officially determined that the 2016-2040 RTP/SCS would achieve CARB's 2020 and 2035 GHG emission reduction targets. These targets were updated in 2018 to an 8 percent reduction by 2020 and a 19 percent reduction by 2035 in per capita passenger vehicle GHG emissions, which became effective October 1, 2018.

On September 3, 2020, SCAG's Regional Council approved and adopted the Connect SoCal plan (2020–2045 RTP/SCS) which, similar to the 2016-2040 RTP/SCS, sets forth goals, policies, and programs intended to reduce greenhouse gas emissions, improve active transportation, and promote development near existing transportation networks. For the SCAG region, CARB revised its long-range GHG emissions reduction target at 19 percent below 2005 per capita emissions levels by 2035, which the 2020-2045 RTP/SCS intends to meet or exceed. On October 30, 2020, CARB officially determined that the 2020-2045 RTP/SCS would achieve CARB's 2035 GHG emission reduction target.

SB 375 allows the City, acting as lead agency, to prepare a SCEA as the environmental CEQA clearance for "transit priority projects" (as described below) that are consistent with SCAG's RTP/SCS. Acting as Lead Agency, the City of Los Angeles Department of City Planning required preparation of this SCEA to consider the potential project-specific and cumulative environmental impacts of the Proposed Project. This SCEA includes the same substantive environmental analysis as provided in an Initial Study/Mitigated Negative Declaration (IS/MND), but also includes additional discussion and analysis demonstrating that the Proposed Project meets the criteria for a Transit Priority Project (TPP) that qualifies for CEQA streamlining under SB 375.

1.3 Transit Priority Project Criteria

SB 375 provides CEQA streamlining benefits to qualifying TPPs. For purposes of projects in the SCAG region, a qualifying TPP is a project that meets the following four criteria (see PRC § 21155 (a) and (b)):

1. Is consistent with the general use designation, density, building intensity, and applicable policies specified for the project area in the SCAG 2020-2045 RTP/SCS;

2. Contains at least 50 percent residential use, based on total building square footage and, if the project contains between 26 percent and 50 percent nonresidential uses, a floor area ratio of not less than 0.75;

3. Provides a minimum net density of at least 20 units per acre; and

4. Is within one-half mile of a major transit stop or high-quality transit corridor included in a regional transportation plan.

1.4 SCEA Process and Streamlining Provisions

Qualifying TPPs that have incorporated all feasible mitigation measures and performance standards or criteria set forth in the prior applicable EIRs (i.e., SCAG's 2020-2045 RTP/SCS Program EIR) and that are determined to not result in significant and unavoidable environmental impacts may be approved with a SCEA. The specific substantive and procedural requirements for the approval of a SCEA include the following:

1. An initial study shall be prepared for a SCEA to identify all significant impacts or potentially significant impacts, except for the following:

    a. Growth-inducing impacts, and

    b. Project-specific or cumulative impacts from cars and light trucks on global warming or the regional transportation network.

2. The initial study shall identify any cumulative impacts that have been adequately addressed and mitigated in a prior applicable certified EIR. Where the lead agency determines the impact has been adequately addressed and mitigated, the impact shall not be cumulatively considerable.

3. The SCEA shall contain mitigation measures that either avoid or mitigate to a level of insignificance all potentially significant or significant effects of the project required to be identified in the initial study.

4. A draft of the SCEA shall be circulated for a public comment period not less than 30 days, and the lead agency shall consider all comments received prior to acting on the SCEA.

5. The SCEA may be approved by the lead agency after the lead agency's legislative body conducts a public hearing, reviews comments received, and finds the following:

    a. All potentially significant or significant effects required to be identified in the initial study have been identified and analyzed, and

    b. With respect to each significant effect on the environment required to be identified in the initial study, either of the following apply.

i. Changes or alterations have been required in or incorporated into the project that avoid or mitigate the significant effects to a level of insignificance.

ii. Those changes or alterations are within the responsibility and jurisdiction of another public agency and have been, or can and should be, adopted by that other agency.

6. The lead agency's decision to review and approve a TPP with a SCEA shall be reviewed under the substantial evidence standard.

1.5 Required Findings

Based on the review of the entire administrative record, the City of Los Angeles finds that preparation of a SCEA in accordance with PRC Section 21155.2(b) is appropriate for the Proposed Project for the following reasons:

1. The Proposed Project is consistent with the general use designations, density, building intensity, and applicable policies specified for the project area in SGAG's Connect SoCal 2020-2045 RTP/SCS;

2. The Proposed Project qualifies as a transit priority project (TPP) pursuant to PRC Section 21155(b);

3. The Proposed Project is a residential mixed-use project as defined by PRC Section 21159.28(d);

4. The Proposed Project, as mitigated, incorporates all relevant and feasible mitigation measures, performance standards, or criteria set forth in the prior environmental reports, including SCAG's 2020-2045 RTP/SCS Program EIR;

5. All potentially significant or significant effects required to be identified and analyzed pursuant to the CEQA have been identified and analyzed in an initial study;

6. The Proposed Project, as mitigated, either avoids or mitigates to a level of insignificance all potentially significant or significant effects of the Proposed Project required to be analyzed pursuant to CEQA; and

7. An Initial Study has been prepared in accordance with CEQA (PRC § 21000 et seq.), the State CEQA Guidelines (Title 14, California Code of Regulations, §15000 et seq.), and the City of Los Angeles CEQA Guidelines (1981, amended 2006).

1.6 Organization of the SCEA

This SCEA is organized into eight sections as follows:

Section I. Introduction: This section provides an overview of the SCEA and CEQA process.

Section 2. Project Description: This section provides a detailed description of the Project Site location, the existing environmental setting and the Proposed Project, including details involving the proposed land uses, developed floor area, building height, vehicle parking, bicycle parking, open space areas, landscaping, signage, constriction activities, and the associated land use entitlement requests.

Section 3. SCEA Criteria and Transit Priority Project Consistency Analysis: This section identifies the Transit Priority Project Criteria and provides an analysis of the Proposed Project's consistency with SCAG's Connect SoCal (2020-2045 RTP/SCS).

Section 4. Connect SoCal Program EIR Mitigation Measures: This section identifies all feasible mitigation measures, performance standards, and criteria from the Connect SoCal Program EIR.

Section 5. SCEA Initial Study Checklist: This section provides Project information, identifies key areas of environmental concern, and includes a determination whether the project may have a significant effect on the environment. This section also contains the completed SCEA Initial Study Checklist showing the significance level under each environmental impact category.

Section 6. Sustainable Communities Environmental Analysis: Each environmental issue identified in the SCEA Initial Study Checklist contains an assessment and discussion of impacts associated with each subject area. When the evaluation identifies potentially significant effects, mitigation measures are provided to reduce such impacts to a less than significant level. This section also identifies mitigation measures from the Connect SoCal Program EIR that are applicable to the Proposed Project.

Section 7. Preparers and Persons Consulted: This section provides a list of City personnel, other governmental agencies, and consultant team members that participated in the preparation of the SCEA.

Section 8. References, Acronyms, and Abbreviations: This section provides a list of reference materials and identifies commonly used acronyms and abbreviations that are used throughout the document.

Appendices: This section includes various reference documents, technical reports, and information used in the SCEA.

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Section 2. Project Description

A. Project Summary

The Proposed Project would result in the demolition of four existing commercial/retail buildings (a total of approximately 28,110 square feet of floor area) and surface parking lot and the new construction, use, and maintenance of a 30-story (340 feet above grade) mixed-use building with 363 residential dwelling units and 12,500 square feet of ground floor commercial/retail uses. The Proposed Project would include a four-story above grade parking podium with ground floor retail/commercial uses and an amenity deck and a 26-story residential tower above the amenity deck. The Proposed Project would provide a total of 373 vehicle parking spaces and 195 bicycle parking spaces in accordance with the Los Angeles Municipal Code (LAMC) requirements. Primary vehicular access for residential and commercial uses would be provided from Main Street and from the adjacent alley. The Proposed Project would provide approximately 39,601 square feet of open space pursuant to the LAMC requirements. In total, the Proposed Project would include 343,447 square feet of total floor area resulting in a floor area ratio (FAR) of 7.03:1. The Proposed Project would remove nine (9) existing non-protected street trees in the right-of-way surrounding the Project Site: eight (8) trees along Main Street and one (1) tree along 12th Street. The Proposed Project would require approximately 5,434 cubic yards (cy) of soil to be exported and 5,434 cy of soil to be imported to/from the Project Site.

The Project's discretionary requests include:

(1) Pursuant to LAMC Sections 17.03, 17.06, and 17.15, Vesting Tentative Tract Map No. 82463 to create one master ground lot for a mixed-use project containing 363 residential units and for the export of approximately 5,434 cy of soil and import of approximately 5,434 cy of soil;

(2) Pursuant to LAMC Section 12.27, a Zone Variance to permit 100 percent of the parking stalls required for residential uses to be designed and maintained as compact stalls in lieu of standard spaces;

(3) Pursuant to LAMC Section 14.5.7, a Transfer of Floor Area Rights (TFAR) for a transfer of 49,999 square feet of floor area to allow a total floor area of 343,447 square feet with a Floor Area Ratio (FAR) of 7.03:1; and

(4) Pursuant to LAMC Section 16.05, a Site Plan Review for a development project which creates, or results in an increase of 50 or more dwelling units.

The Proposed Project would also require approvals and permits from the Department of Building and Safety (and other municipal agencies) for project construction activities including, but not

limited to, the following: shoring, grading, foundation, removal of existing street trees, and building and tenant improvements.

B. Environmental Setting

1. Project Location

The Project Site is located in the Central City Community Plan area within the City of Los Angeles (City). The Project Site's location within the City and the greater Los Angeles region is depicted in Figure 2.1, Project Location Map. The Project Site encompasses eight parcels and includes approximately 48,908 square feet of gross lot area (1.12 acres) and approximately 46,874 square feet of lot area after dedications (1.07 acres). The Project Site is generally bound by 12th Street to the south; Main Street to the east; a surface parking lot to the north; and an alleyway to the west. The Project Site's property addresses, Assessor's Parcel Numbers (APN), land use and lot area are summarized in Table 2.1, Summary of the Project Site, below.

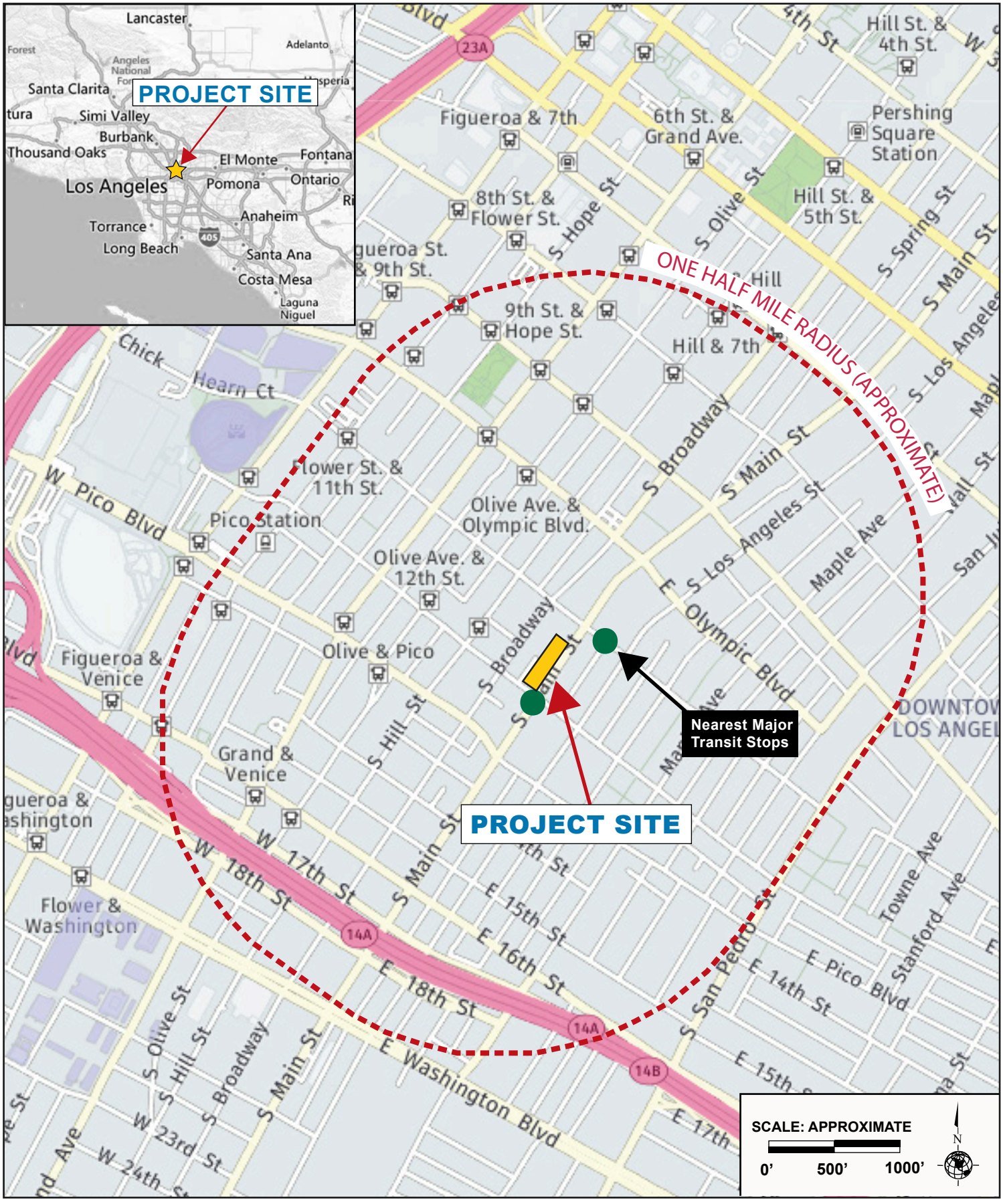
Table 2.1
Summary of Project Site

Address	APN	Existing Land Use	Lot Area (square feet)
1123 S. Main Street	5139-017-029	Surface parking lot	48,908 sf
1127 S. Main Street 1129 S. Main Street 1131 S. Main Street		Surface parking lot	
1135 S. Main Street 1137 S. Main Street		Surface parking lot	
1139 S. Main Street			
1147 S. Main Street	5139-017-018	Single-story commercial building	
1151 S. Main Street	5139-017-017	Single-story commercial building	
1155 S. Main Street	5139-017-016	Single-story commercial building	
1159 S. Main Street 1161 S. Main Street 111 W. 12th Street	5139-017-015	Single-story commercial building	

Sources: City of Los Angeles Department of City Planning, Zone Information and Map Access System, website: http://zimas.lacity.org/, accessed February 2019.

Regional access to the Project Site is provided by the Pasadena/Harbor Freeway (I-110/SR 110), located approximately 0.75 miles to the west; the Hollywood Freeway (US - 101), located approximately 1.5 miles to the north; and the Santa Monica Freeway (I-10) located approximately 0.4 miles to the south. These three freeways also provide access to the Golden State/Santa Ana Freeway (I-5) to the north, the San Bernardino Freeway (I-10), and the Pomona Freeway (SR-60) to the east and southeast, respectively.

Local street access is provided by the grid roadway system surrounding the Project Site. The City's General Plan and Mobility Plan classify street designations in the Project vicinity. S. Main Street is a north-southbound street and borders the Project Site to the east. It is a two-way street providing one to two travel lanes in each direction (depending on street parking restrictions) and is classified as a Modified Avenue I in the City's Mobility Plan. On-street meter parking is provided with some restrictions. E. 12th Street is a one-way eastbound street, located immediately south of the Project Site. It provides two lanes and is classified as a Modified Collector Street in the City's Mobility Plan. E. 11th Street is a one-way westbound street and located approximately 180 feet north of the Project Site. It provides two travel lanes in the vicinity of the Project Site and is classified as a Modified Collector Street in the City's Mobility Plan. On-street metered parking is provided with some restrictions. S. Broadway is a north-southbound street located approximately 120 feet to the west of the Project Site. It provides two travel lanes in each direction and is classified as a Modified Avenue II roadway in the City's Mobility Plan.



Source: Yahoo Maps, 2019.

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Figure 2.1
Project Location Map

Transit Priority Area

In 2013, the State of California enacted Senate Bill 743 (SB 743), which provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a Transit Priority Area shall not be considered significant impacts on the environment." Public Resources Code Section 21099 defines a "Transit Priority Area" as an area within one-half mile of a Major Transit Stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." Public Resources Code Section 21064.3 defines "Major Transit Stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." Public Resources Code Section 21061.3 defines an "Infill Site" as a lot located within an urban area that has been previously developed with qualified urban uses, or on a vacant site where at least 75 percent of the perimeter of the site adjoins, or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses. As state law, SB 743 supersedes the aesthetic impact thresholds in the *CEQA Thresholds Guide*, including those established for aesthetics, obstruction of views, shading,[1] and nighttime illumination.

The Project Site is an infill site within a Transit Priority Area (TPA) as defined by CEQA because it is within one half-mile of a major, existing transit stop as defined by CEQA (Public Resource Code (PRC) Section 21099(a)(7)).[2] The roadways adjacent to the Project Site are served by several bus lines managed by multiple transit operators that include the Los Angeles County Metropolitan Transportation Authority (Metro), LADOT DASH and Commuter Express, Santa Monica Big Blue Bus (BBB), and the City of Gardena (GTrans). The Project Site's proximity to the Pico Rail Station, approximately 0.6 mile west, and the 7th Street / Metro Center Station, approximately 0.9 mile north, provide transfer opportunities to other Metro rail services such as, Amtrak, Metrolink, and numerous bus routes served by Metro, LADOT, and municipal bus operators. The bus lines within a "reasonable walking distance" (approximately one-quarter mile) of the Project include (2/302, 4, 10, 14, 37, 30/330, 33, 35, 38, 40, 45, 48, 55/355, 66, 70, 71, 76, 78, 79/378, 83, 90/91, 92, 94, 96, 733, 745, 770, and 794). The LADOT DASH line (DASH Downtown E) runs along Los Angeles Street, with the nearest bus stop located at E. 11th Street. Due to its proximity to the aforementioned bus stops and Pico Rail Station, the Project Site is easily accessible and highly connected with the City and the greater Los Angeles area.

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[1] *CEQA Guidelines Appendix G, which includes a comprehensive list of environmental topics under CEQA, does not expressly list shade and shadow impacts. The L.A. CEQA Thresholds Guide, however, considers shade and shadow impacts to be a type of aesthetic visual character impact under question 1c of Appendix G. The City has issued ZI No. 2452, confirming that SB 743 applies to a project's aesthetic impacts, including shade and shadow impacts.*

[2] *City of Los Angeles, Department of City Planning, City of Los Angeles Zoning Information and Map Access System (ZIMAS), Parcel Profile Report, website: www.zimas.lacity.org, accessed February 2019.*

2. Existing Conditions

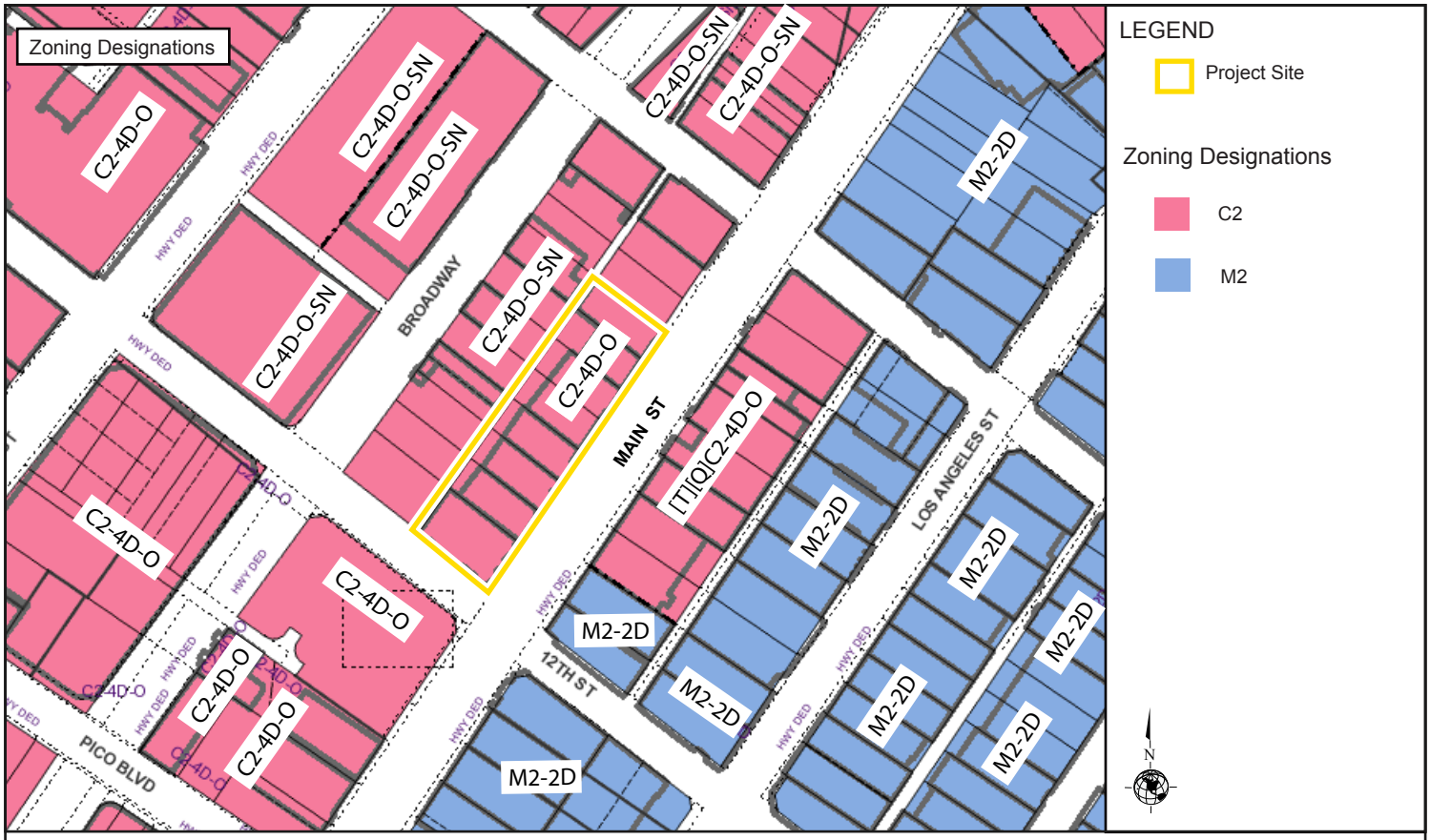
2.1 Zoning and Land Use Designations

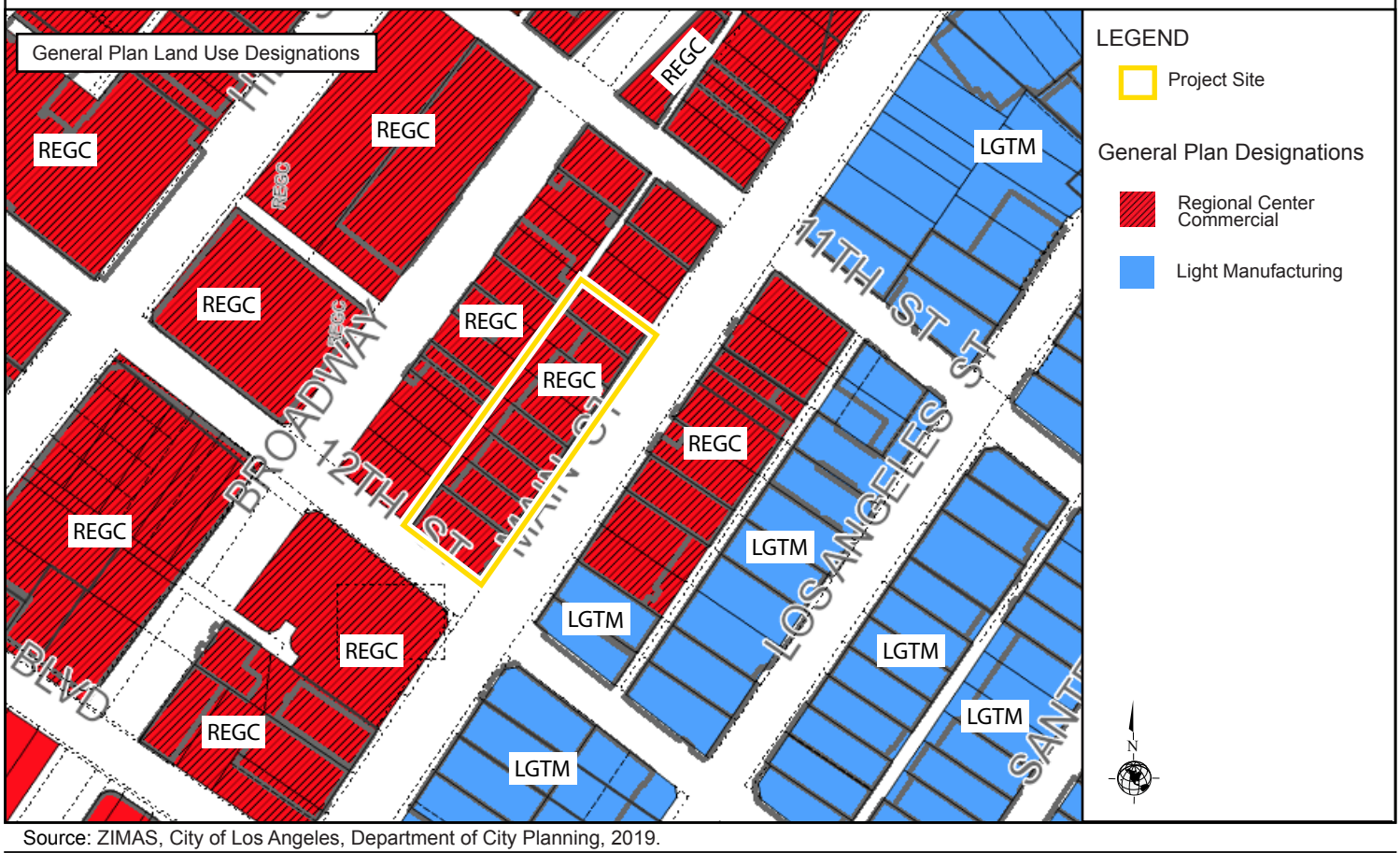
Figure 2.2, Zoning and General Plan Designations, shows the existing and proposed zonings and land use designations on the Project Site and in the surrounding area. The zoning designation for the Project Site is C2-4D-O (Commercial Zone) with a General Plan Land Use Designation of Regional Center Commercial. The zones corresponding to the Regional Center Commercial designation includes the CR, C1.5, C2, C4, C5, R3, R4, R5, RAS3, and RAS4 zones. The Project Site is located in Height District No. 4, which has unlimited height, but limits development to an allowable FAR of 13:1. However, the "D" limitation limits FAR to a maximum of 6:1 and states that additional FAR may be obtained through Transfer of Floor Area. The "D" limitation for the Project Site reads as follows:

> *The total floor area contained in all buildings on a lot shall not exceed six (6) times the buildable area of the lot, except for the following: (a) Projects approved under Section 418 (Transfer of Floor Area) of the Redevelopment Plan for the Central Business District Redevelopment Plan; (b) Projects approved under Section 415 (Rehabilitation and/or Remodeling of Existing Buildings) or Section 416 (Replacement of Existing Buildings) of said Redevelopment Plan; (c) Projects for which a density variation of 50,000 square feet or less is granted under Section 437 of said Redevelopment Plan; (d) Projects for which a density variation of more than 50,000 square feet was granted under Section 437 of said Redevelopment Plan prior to the effective date of this ordinance; (e) Projects approved pursuant to any procedure to regulate transfers of floor area as may be adopted by the City Council. The term "floor area" shall mean floor area as defined in Municipal Code Sections 12.21.1-A.5 and 12.21.1-B-4*. (page 43 of Ordinance No. 164,307-SA2880).

The "O" designation indicates that the Project Site is located in an Oil Drilling District, specifically the Los Angeles Downtown Oil Field. The Project Site is located within the Greater Downtown Housing Incentive Area (Ordinance 179,076, effective Sept. 2007), which establishes incentives for development regulations including but not limited to floor area, density, setback, buildable area, open space, and parking. In addition, the Project Site is located within the City Center Redevelopment Project area, the Central City Parking District, the Downtown Business Parking District, the Central City Transfer of Floor Area Rights (TFAR) Area, the Downtown Adaptive Reuse Incentive Area, and the Enterprise Zone (the Employment and Economic Incentive Program Area). The designs of development projects on the Project Site are further guided by the Downtown Design Guide. The Project Site is also designated as a TPA.[3]

[3] *City of Los Angeles, Department of City Planning, Zoning Information File, ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, accessed February 2019.*





Source: ZIMAS, City of Los Angeles, Department of City Planning, 2019.

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Figure 2.2
Zoning and General Plan Land Use Designations

2.1.1 Central City Community Plan

The Project Site is located within the Central City Community Plan (Community Plan) area of the City. The Community Plan promotes an arrangement of land use, infrastructure, and services intended to enhance the economic, social, and physical health, safety, welfare, and convenience of the people who live, work and invest in the community. By serving to guide development, the Community Plan encourages progress and change within the community to meet anticipated needs and circumstances, promotes balanced growth, builds on economic strengths and opportunities while protecting the physical, economic, and social investments in the community to the extent reasonable and feasible. The Community Plan area contains a substantial amount of commercial development. More specifically, the Project Site is located in the South Park area, which is recognized to be a mixed-use community with a significant concentration of housing. This thriving residential community includes the proximate siting of auxiliary support services such as retail and commercial developments that provide employment opportunities for area residents.[4]

2.1.2 Downtown Los Angeles Community Plan Update (DTLA 2040)

The Los Angeles Department of City Planning is in the process of updating the Central City and Central City North Community Plans to create the Downtown Community Plan. The purpose of the Downtown Community Plan is to create and implement a vision of the future for Downtown Los Angeles. Downtown is the birthplace of Los Angeles and the primary center of urban activity in the region. It remains the City's commercial, entertainment, cultural, and civic heart. Now enjoying a renaissance, Downtown is home to a diverse range of industries and a patchwork of distinct neighborhoods that sit at the center of an expanding regional transportation network. According to regional projections, by the year 2040, Downtown will be adding approximately 125,000 people, 70,000 housing units, and 55,000 jobs. The Plan will strive to support and sustain the ongoing revitalization of Downtown, while thoughtfully accommodating this projected future growth. The Downtown Community Plan will promote a dynamic, healthy and sustainable Downtown core that is tightly connected to its surroundings and supports the City and the region. The following core principles represent the long-term priorities for the Downtown Community Plan: accommodate anticipated growth through 2040 in an inclusive, equitable, sustainable, and healthy manner, while supporting and sustaining Downtown's ongoing revitalization; reinforce Downtown's jobs orientation; grow and support the residential base; strengthen neighborhood character; promote a transit-, bicycle-, and pedestrian-friendly environment; create linkages between districts; and create a world-class streets and public realm. The City Council has not formally adopted the Downtown Community Plan and new Zoning Code, and the City Planning Commission (CPC) is currently deliberating over the future proceedings of the Plan.[5]

2.1.3 City Center Redevelopment Plan

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[4] *City of Los Angeles, Central City Community Plan, accessed July 2021.*

[5] *City of Los Angeles, Downtown Los Angeles Community Plan Update, website: https://planning.lacity.org/plans-policies/community-plan-update/downtown-los-angeles-community-plan-update#about, accessed June 2021.*

The Project Site is located within the City Center Redevelopment Project area. The City Center Redevelopment Plan, effective May 15, 2002, is valid until May 15, 2032.[6] While AB1X-26 dissolved redevelopment agencies as of October 2011, the land use regulations of the City Center Redevelopment Plan remain in effect. Pursuant to Ordinance 186,325, approved by the City Council on September 27, 2019, the land use review and approval authority of the the former Community Redevelopment Agency of the City of Los Angeles (CRA/LA) or the CRA/LA, a Designated Local Authority Successor to the Community Redevelopment Agency of the City of Los Angeles (CRA/LA-DLA), was transferred to the City of Los Angeles.

Within the City Center Redevelopment Project Area, the Project Site is located within the South Park Development area. The Redevelopment Plan's objective for the South Park Development area is to achieve a mixed-use live/work community, consisting of a housing-commerce community featuring open space. Rehabilitation of this area is in part dependent on addressing the social, medical and economic problems of the Central City population. A major share of land use shall be devoted to housing, to be developed for all income groups and family sizes. Specialized facilities and amenities such as day care centers, playgrounds, and recreational areas designed for all aged groups should be developed in conjunction with new housing.[7] The City Center Redevelopment Plan restricts development on the Project Site to an allowable floor area ratio (FAR) of 6 times the buildable area of the site unless a TFAR Request is approved, in which case the maximum FAR is 13 times the buildable area of the Project Site.

2.2 Existing Site Conditions

Figure 2.3, Aerial Photograph of the Project Site and Surrounding Land Uses, shows an aerial view of the Project Site and identifies the photograph locations for the Project Site and surrounding land use photographs shown in Figure 2.4, Photographs of the Project Site.

The Project Site is currently improved with four one-story commercial buildings, with a total of approximately 28,110 square feet of floor area, and a surface parking lot, as seen in Figure 2.4 below. One structure on the Project Site, totaling 1,400 square feet, is vacant. As such, the existing conditions baseline includes 26,710 square feet of active uses. There is one vehicular driveway located along the west side of Main Street that provides access to the on-site surface parking lot. There are nine non-protected street trees in the public right-of-way surrounding the Project Site: eight trees along Main Street and one tree along 12th Street.

3. Surrounding Land Uses

As shown in Figure 2.2, the Project Site is in a commercially zoned "C2" area, and properties immediately bordering the Project Site are zoned C2-4D-O, C2-4D-O-SN, or [T][Q]C2-4D with a

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[6] *City of Los Angeles Community Redevelopment Agency, Redevelopment Plan for the City Center Redevelopment Project, May 2002.*

[7] *Ibid.*

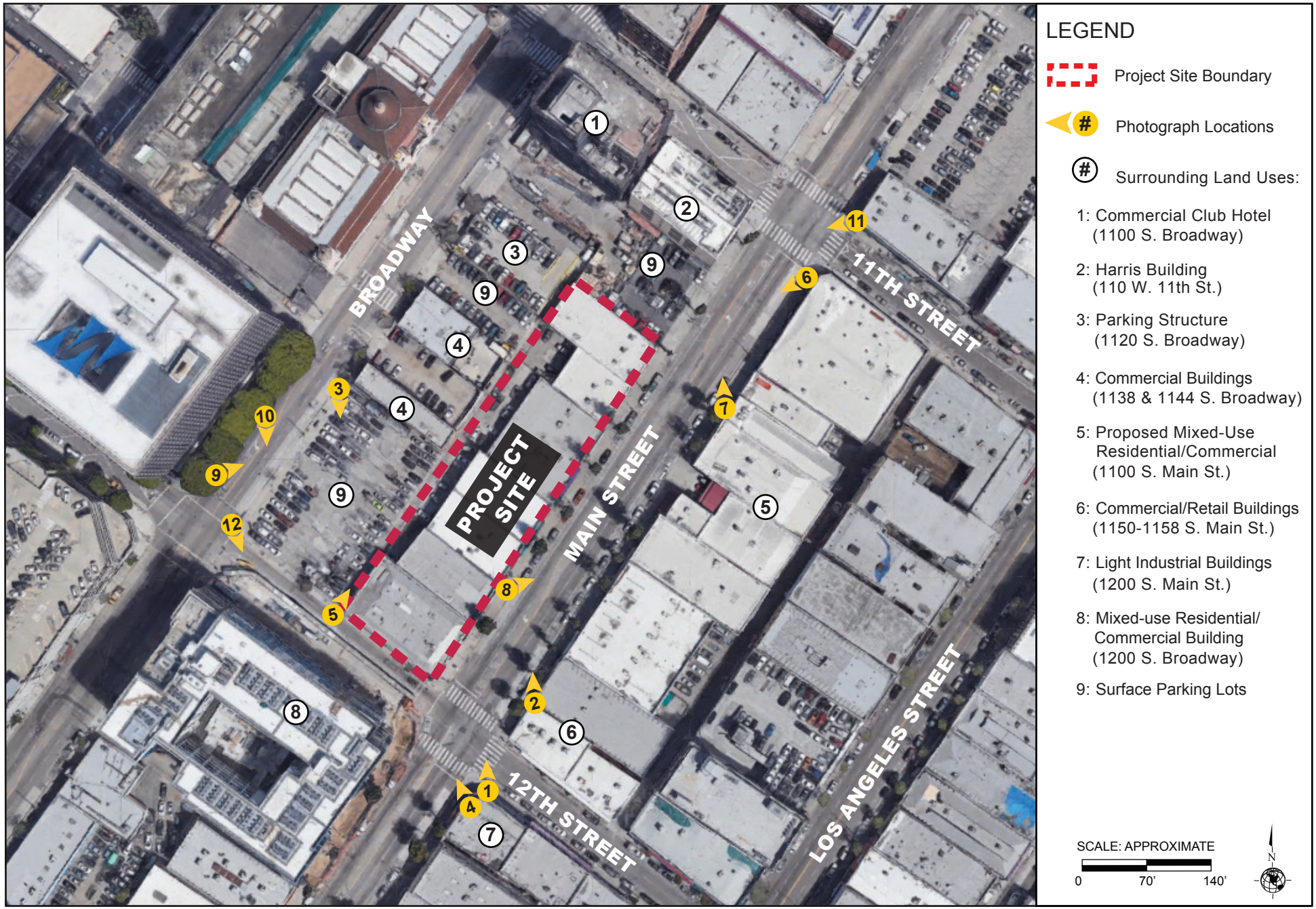
Regional Center Commercial General Plan Land Use Designation or zoned M2-2D with a Light Manufacturing General Plan Land Use Designation. The properties surrounding the Project Site include a mix of commercial/retail, light industrial, office, surface parking, and mixed-use properties. These land uses range in height from one- to seven-stories above grade. Photographs of the land uses immediately surrounding the Project Site are provided in Figure 2.5, Photographs of Surrounding Uses, Views 7 through 12. Figure 2.3 shows an aerial photograph of the uses surrounding the Project Site. Below is description of the existing conditions in the surrounding area.

North: The Project Site is immediately bordered by surface parking to the north. The Harris building, a seven-story mixed-use building, is located further north of the Project Site on the southwest corner of Main Street and 11th Street. These properties are zoned C2-4D-O with a Regional Center Commercial General Plan land use designation (See Figure 2.5, Views 7 and 11).

East: Main Street immediately borders the Project Site to the east. The properties to the east of the Project Site, across Main Street, are currently occupied by one- to two-story commercial/retail buildings. These properties are zoned [T][Q]C2-4D with a General Plan Land Use Designation of Regional Center Commercial. The City recently approved an eight-story mixed-use residential and commercial building at 1100 – 1146 ½ S. Main Street. The one-story commercial building at 1150 S. Main Street would remain. This property is zoned M2-2D with a General Plan Land Use Designation of Light Manufacturing (See Figure 2.5, View 8).

South: The Project Site is immediately bordered by 12th Street to the south. Directly south of the Project Site, across 12th Street is a seven-story mixed-use residential and commercial building. This property is zoned C2-4D-O with a Regional Center Commercial General Plan Land Use Designation (See Figure 2.5, Views 12).

West: The Project Site is immediately bordered by an alleyway to the west. Surface parking lots, commercial, office, and light industrial buildings are located west of the Project Site, across the alleyway. These buildings range from one- to two-stories. These properties are zoned C2-4D-O-SN with Regional Center Commercial General Plan Land Use Designations (See Figure 2.5, Views 9 and 10).



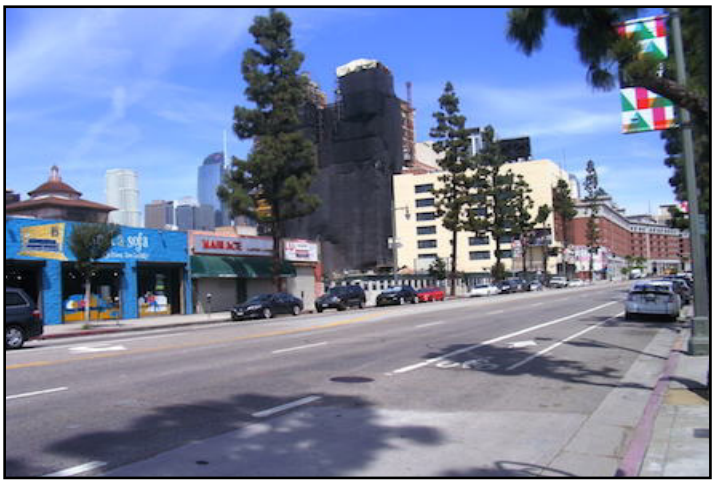
Source: Google Earth, Aerial View, 2019.

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Figure 2.3
Aerial Photograph of the Project Site and Surrounding Land Uses



View 1: From the southeast corner of the intersection of Main Street and 12th Street, looking north at the Project Site.



View 2: From the east side of Main Street, looking northeast at the Project Site.



View 3: From the east side of Broadway, looking south at the western property line of the Project Site.



View 4: From the southeast corner of the intersection of Main Street and 12th Street, looking northwest at the southern border of the Project Site.



View 5: From the north side of 12th Street, looking northeast at the alley adjacent to the western border of the Project Site.



View 6: From the east side of Main Street, looking southwest at the Project Site.

Source: Parker Environmental Consultants, April 1, 2019.

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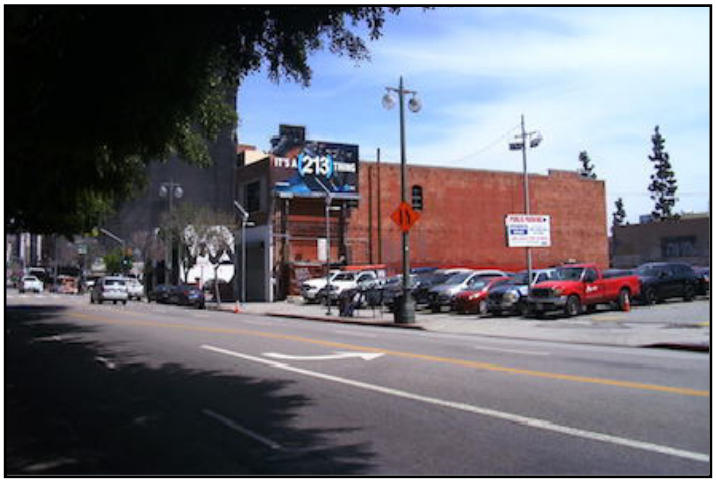
Figure 2.4
Photographs of the Project Site
Views 1-6



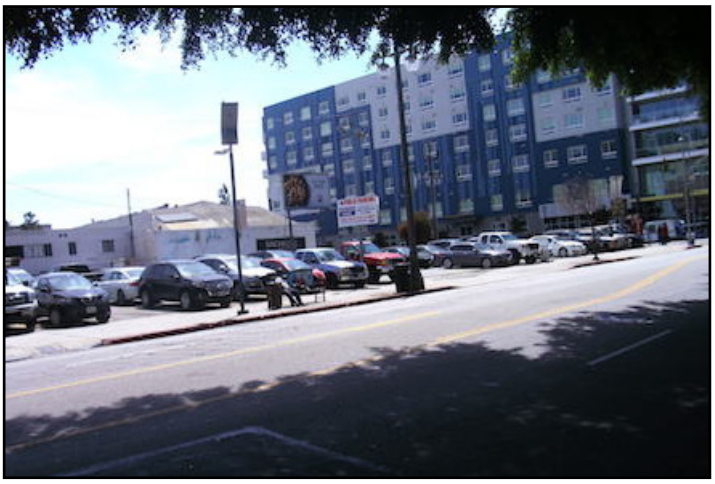
View 7: From the east side of Main Street, looking northwest at the surface parking lot adjacent to the Project Site.



View 8: From the west side of Main Street, looking northeast at the commercial buildings east of the Project Site.



View 9: From the north side of Broadway, looking northeast at the commercial buildings and surface parking lot west of the Project Site.



View 10: From the north side of Broadway, looking south at the surface parking lot adjacent to the western border of the Project Site.



View 11: From the northeast corner of the intersection of Main Street and 11th Street, looking southwest at the commercial building and surface parking lot adjacent to the Project Site.



View 12: From the north side of 12th Street, looking south at the commercial buildings adjacent to the Project Site.

Source: Parker Environmental Consultants, April 1, 2019.

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Figure 2.5
Photographs of the Surrounding Land Uses
Views 7-12

C. Description of Project

1. Project Overview

The Proposed Project includes the demolition of the four existing on-site buildings (Project Site) and the construction, use, and maintenance of a 30-story mixed-use building with 363 dwelling units and 12,500 square feet of ground-floor commercial space. The Proposed Project would provide 373 vehicle parking spaces and would be provided on the ground level through the fourth level above grade. A summary of the Proposed Project is provided in Table 2.2, Proposed Development Program, below. The plan layout of the Proposed Project is depicted in Figure 2.6, Plot Plan. The floor plans are illustrated in Figures 2.7 through 2.11.

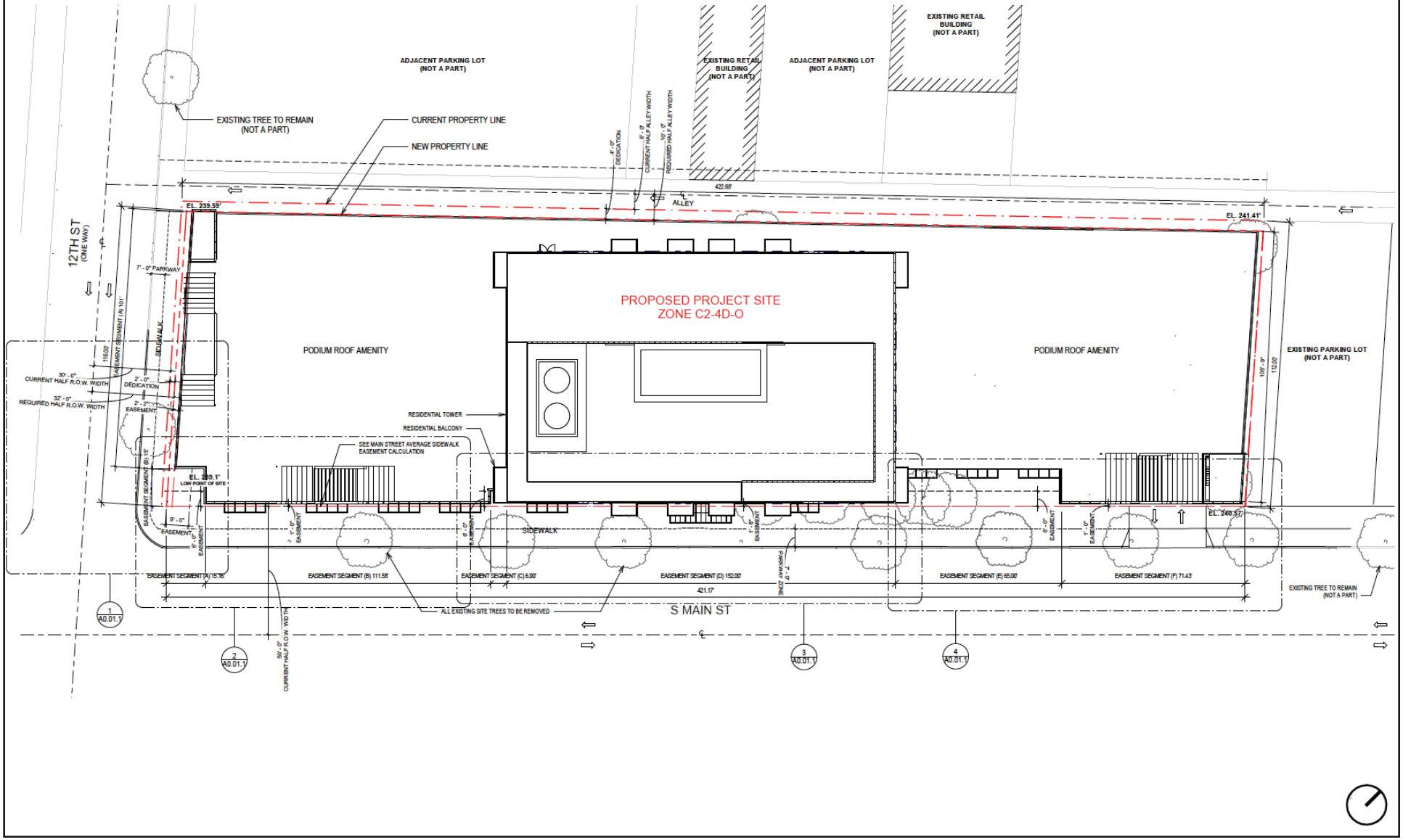
Table 2.2
Proposed Development Program

Land Uses	Units	Floor Area (Square Feet)
Residential		
Studio Units	122	330,947 [a]
1-Bedroom Units	133	
2-Bedroom Units	96	
3-Bedroom Units	12	
Subtotal	***363***	
Non-Residential		
Commercial/Retail	--	12,500
	Total Floor Area:	**343,447** [b]
	FAR:	**7.03:1**

Notes:
[a] *Residential floor area includes common areas, interior lobby and recreational amenity areas, and interior spaces within the proposed dwelling units.*
[b] *Pursuant to the definition of the term "floor area" in LAMC Section 12.03, structured parking areas are excluded from the floor area calculations for purposes of calculating floor area ratio (FAR). The Proposed Project includes 373 parking spaces in three levels above grade and on the ground floor that is not counted towards the FAR.*
Source: MVE + Partners, July 14, 2021.

Residential Uses

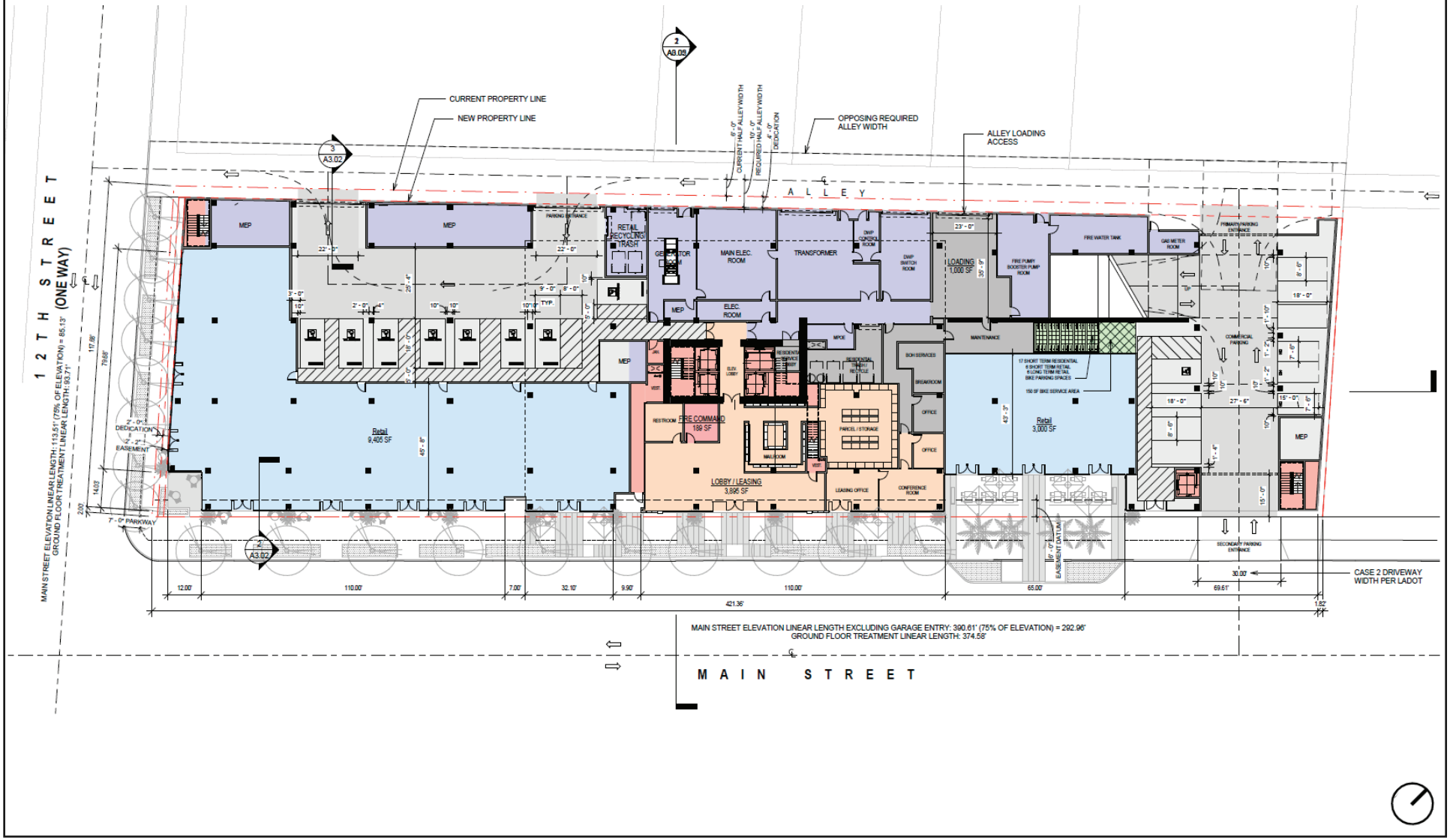
As shown in Table 2.2, above, the Proposed Project would include a maximum of 363 residential units on the sixth floor through the 29th floor. The unit mix is diverse and would include 122 studio units, 133 one-bedroom units, 96 two-bedroom units, and 12 three-bedroom units of varying sizes and configurations. The building would include a residential lobby located on the ground floor. Additional residential amenity space would be located on the ground floor, fifth level, and 30th level. The total residential floor area totals approximately 330,947 square feet.



Source: MVE + Partners, July 14, 2021.

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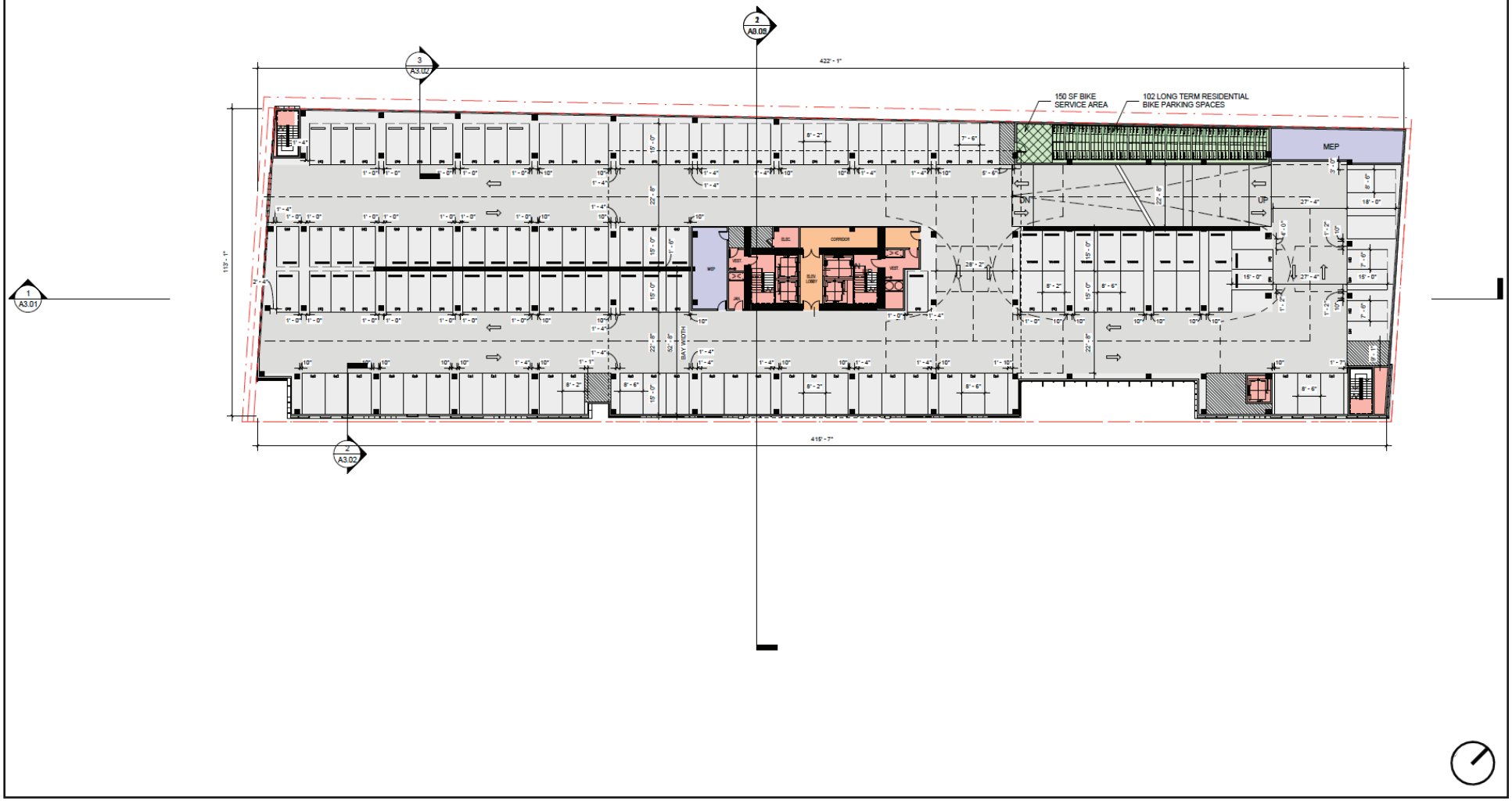
Figure 2.6
Plot Plan



Source: MVE + Partners, July 14, 2021.

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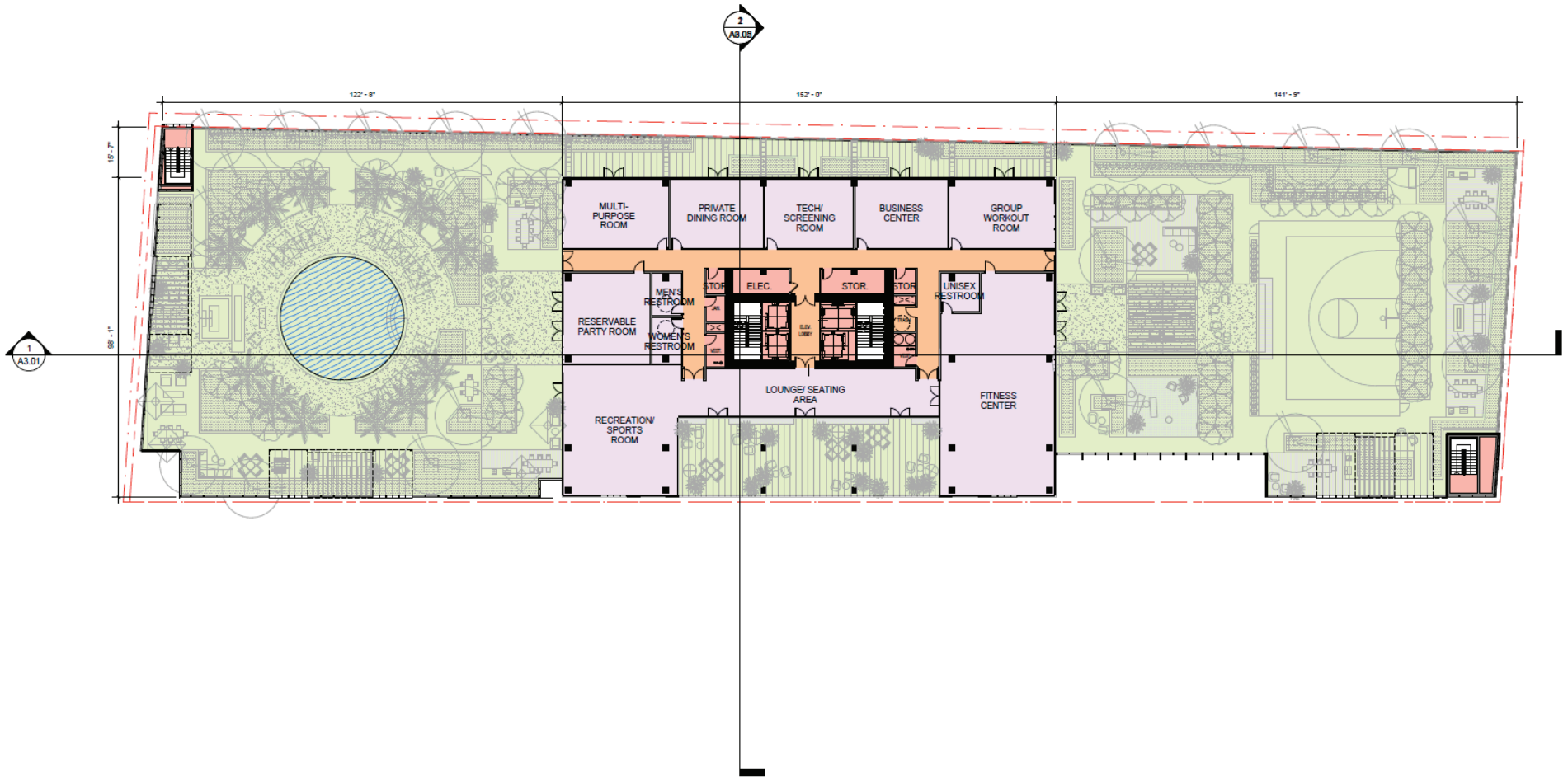
Figure 2.7
Level 1 Floor Plan



Source: MVE + Partners, July 14, 2021.

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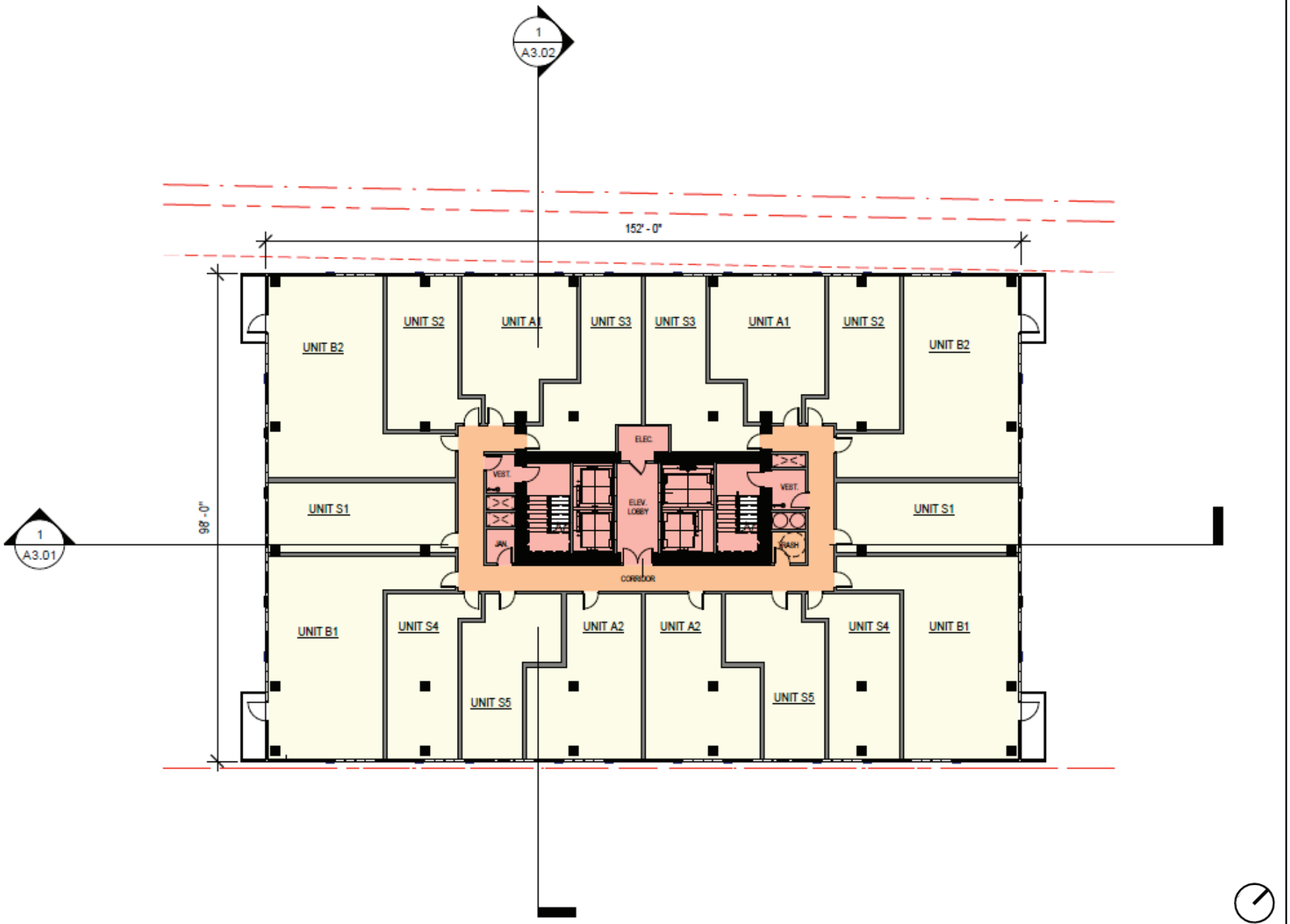
Figure 2.8
Level 2 Floor Plan



Source: MVE + Partners, July 14, 2021.

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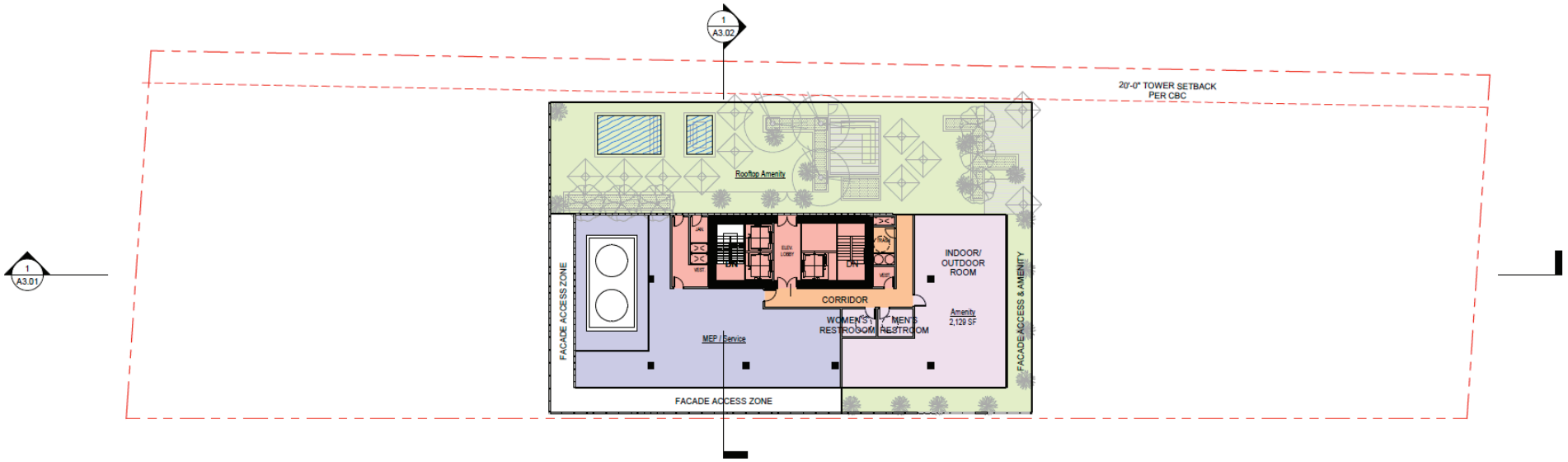
Figure 2.9
Level 5 Floor Plan



Source: MVE + Partners, July 14, 2021.

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Figure 2.10
Level 6 through 15 Floor Plans



Source: MVE + Partners, July 14, 2021.

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Figure 2.11
Level 30 Floor Plan

Commercial Uses

The Proposed Project includes neighborhood serving ground-floor commercial space, which would be comprised of commercial and retail spaces, totaling up to approximately 12,500 square feet of floor area. The commercial uses would front Main Street.

2. Floor Area

The Project Site includes a gross lot area of 48,908 square feet. The Redevelopment Plan and "D" limitation limit the total floor area of the Project Site to a ratio of 6:1, or approximately 293,448 square feet based on lot area. The Applicant is seeking a TFAR of 49,999 square feet of floor area. Per the Community Plan, Redevelopment Plan and the TFAR, development of the Project Site is allowed to a maximum FAR of 7.03:1, resulting in an allowable floor area potential of 343,447 square feet. The Proposed Project would provide approximately 343,447 square feet of floor area for an approximate 7.03:1 FAR.

3. Building Height

As stated previously, the Project Site is located in Height District No. 4, which does not set a specific height limit for development in a C2 zone but limits development to a FAR of 6:1 with the "D" limitation. An FAR of 7.03:1 can be accomplished with the TFAR. The proposed 30-story building is planned for a height of 333 feet above grade at the top of the roof and a maximum height of 340 feet above grade to include the roof appurtenances. Refer to Figures 2.12 through Figure 2.14 for the elevations of the proposed building. Illustrations depicting the building sections of the Proposed Project are provided in Figure 2.15.

4. Setbacks

Per Ordinance No. 179,076, LAMC Section 12.22 C.3(a), no yard requirements apply for lots in the C2 Zone in the Greater Downtown Housing Incentive Area, except as required by the Downtown Design Guide. The Downtown Design Guide encourages variations in setbacks along street frontages. The Project Site is located on the northwest corner of Main Street and 12th Street, which are non-Retail Streets per the Downtown Design Guide. The Downtown Design Guide states that the building street wall adjacent to ground floor space designed for retail use on non-Retail Streets shall be located at or within five feet of the back of the required average sidewalk width in the South Park District. A majority of the building street walls on Main Street and 12th Street would be located at or within five feet of the back of the required average sidewalk widths.

5. Design and Architecture

The Proposed Project is a high-rise (30-story) modern mixed-use building designed with modern architectural materials including glass railing, metal panels, aluminum windows, frosted glass, metal louvers, store front glazing, and concrete. Mechanical equipment on the roof level is

enclosed with a louvered mechanical screen. Architectural renderings of the Proposed Project are provided in Figure 2.16.

6. Open Space and Landscaping

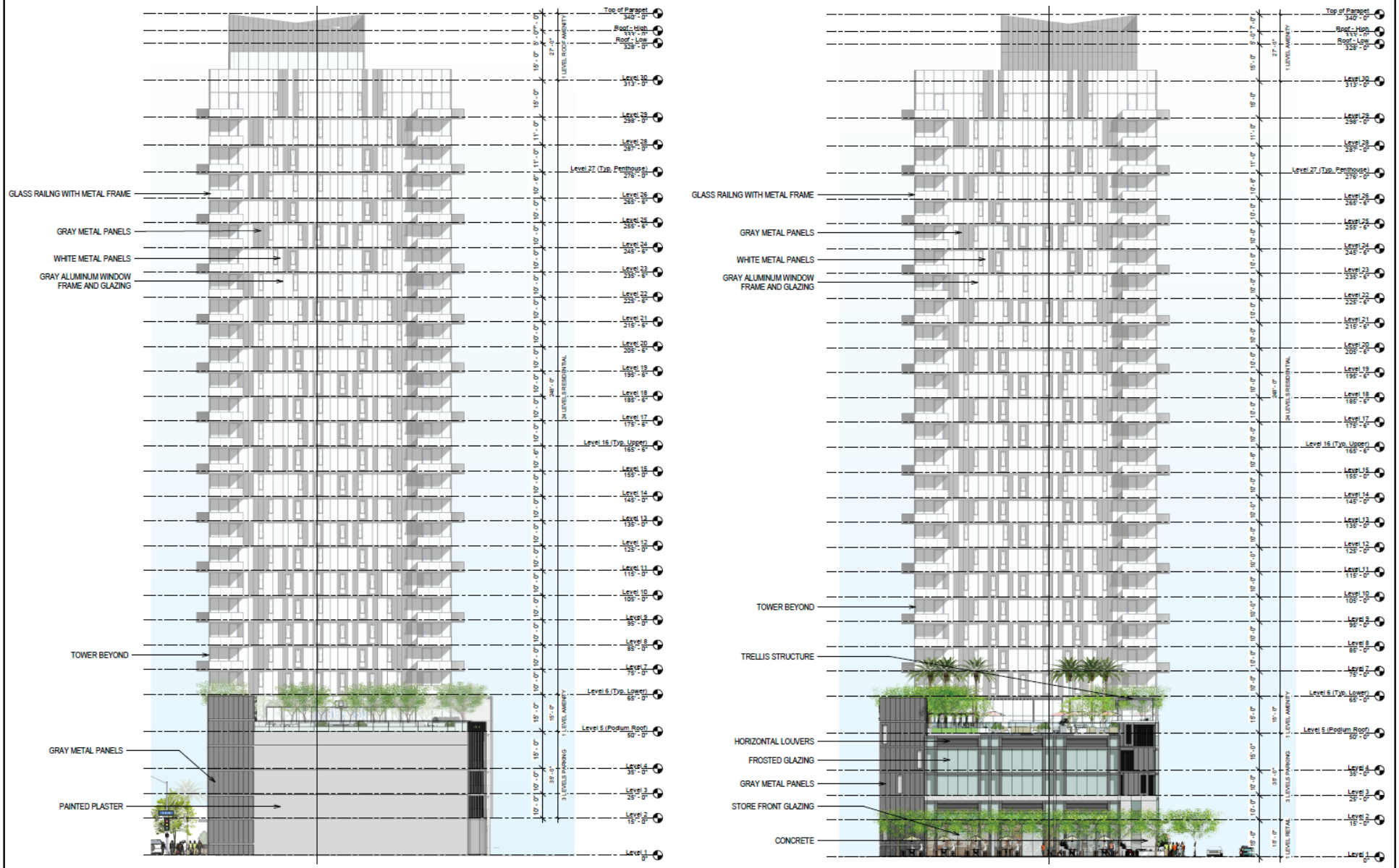
The open space requirements and amount of open space proposed for the Proposed Project are summarized in Table 2.3, Summary of Required and Proposed Open Space Areas, below. Pursuant to the LAMC, the Proposed Project would be required to provide 39,600 square feet of open space. The Project Site would provide 39,601 square feet of open space including a 5th level outdoor amenity deck, roof level deck residential lobby, and indoor open space that would be open to the public. The Proposed Project would also provide one tree per every four residential units for a total of at least 91 trees on-site. Figure 2.17 illustrates the composite landscape plan for the Proposed Project.

Table 2.3
Summary of Required and Proposed Open Space Areas

LAMC Open Space Requirements	Dwelling Units	Open Space (square feet)
Less than 3 Habitable Rooms (100 sf/du)	255	25,500
3 Habitable Rooms (125 sf/du)	96	12,000
More than 3 Habitable Rooms (175 sf/du)	12	2,100
Total:	**363**	**39,600**
Proposed Open Space		**Open Space (square feet)**
Level 5 Landscape Roof Deck		27,160
Roof Level Deck		2,541
Indoor Common Space		9,900
Total:		**39,601**

Notes: du = dwelling unit; sq = square feet
Source: MVE + Partners, July 14, 2021.

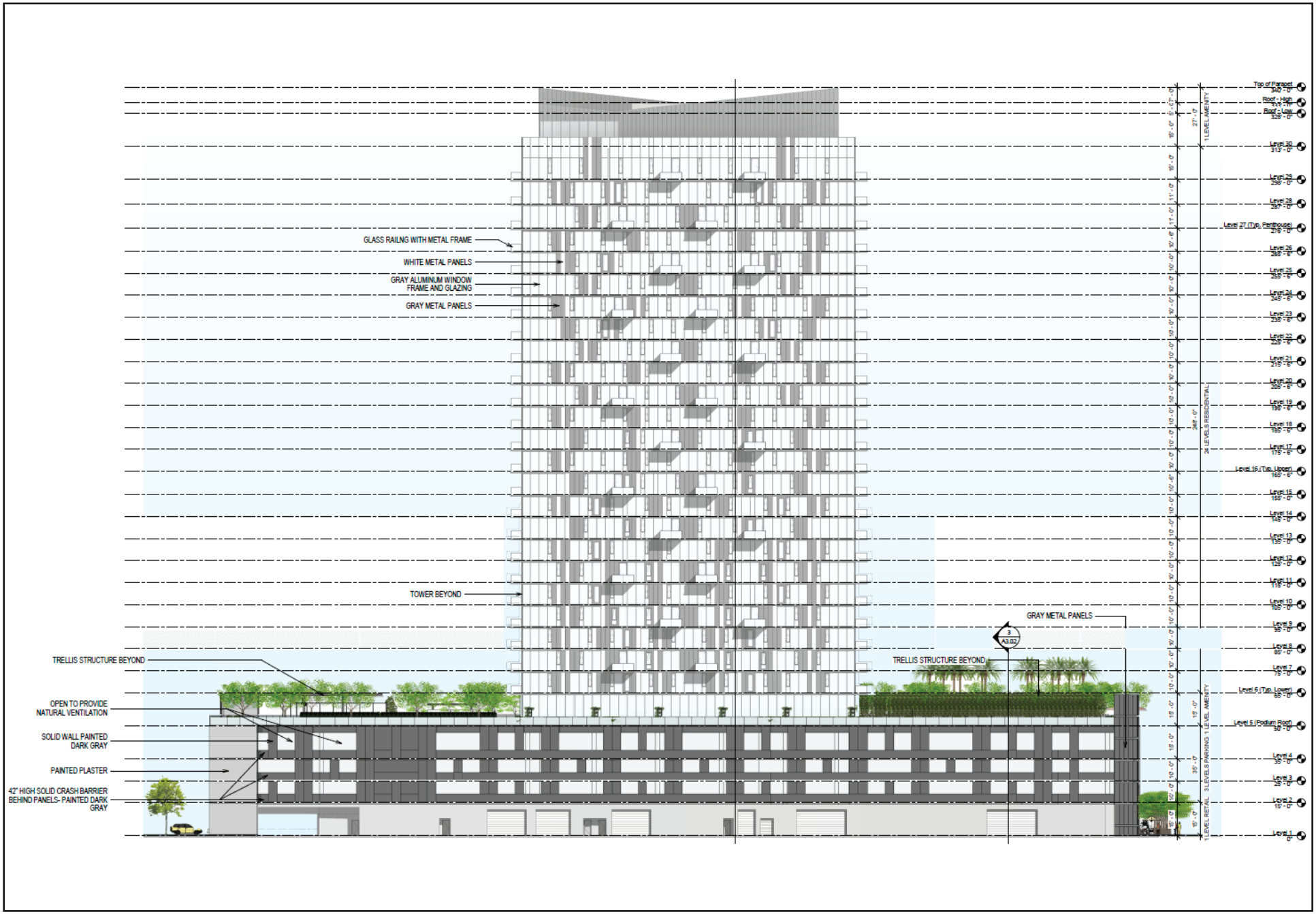
To facilitate construction of the Proposed Project, the nine non-protected street trees fronting the Project Site on Main Street and 12th Street would need to be removed and replaced. One of the nine trees is a stump and is not required to be replaced, as it is a pre-existing condition within the public right-of-way and is not classified as a significant tree. Street trees would be replaced at a ratio of 2:1, for a minimum of 16 new street trees to be planted along the public right-of way fronting S. Main Street. The removal and replacement of any public trees within the public right-of way, would require review and approval by the City of Los Angeles Board of Public Works, Urban Forestry Division (See Tree Report, Appendix B of this SCEA).



Source: MVE + Partners, July 14, 2021.

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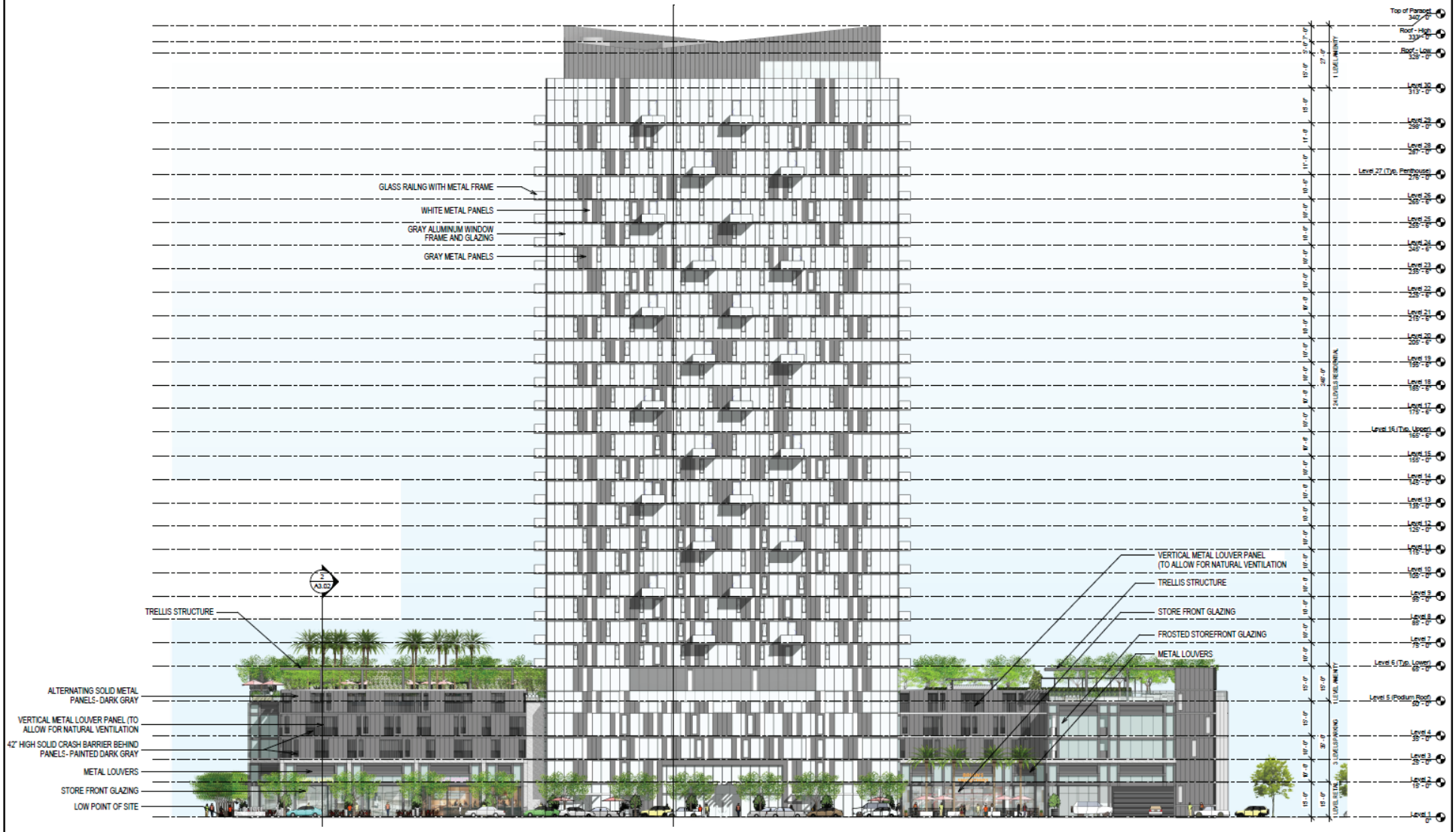
Figure 2.12
North and South Eleveations



Source: MVE + Partners, July 14, 2021.

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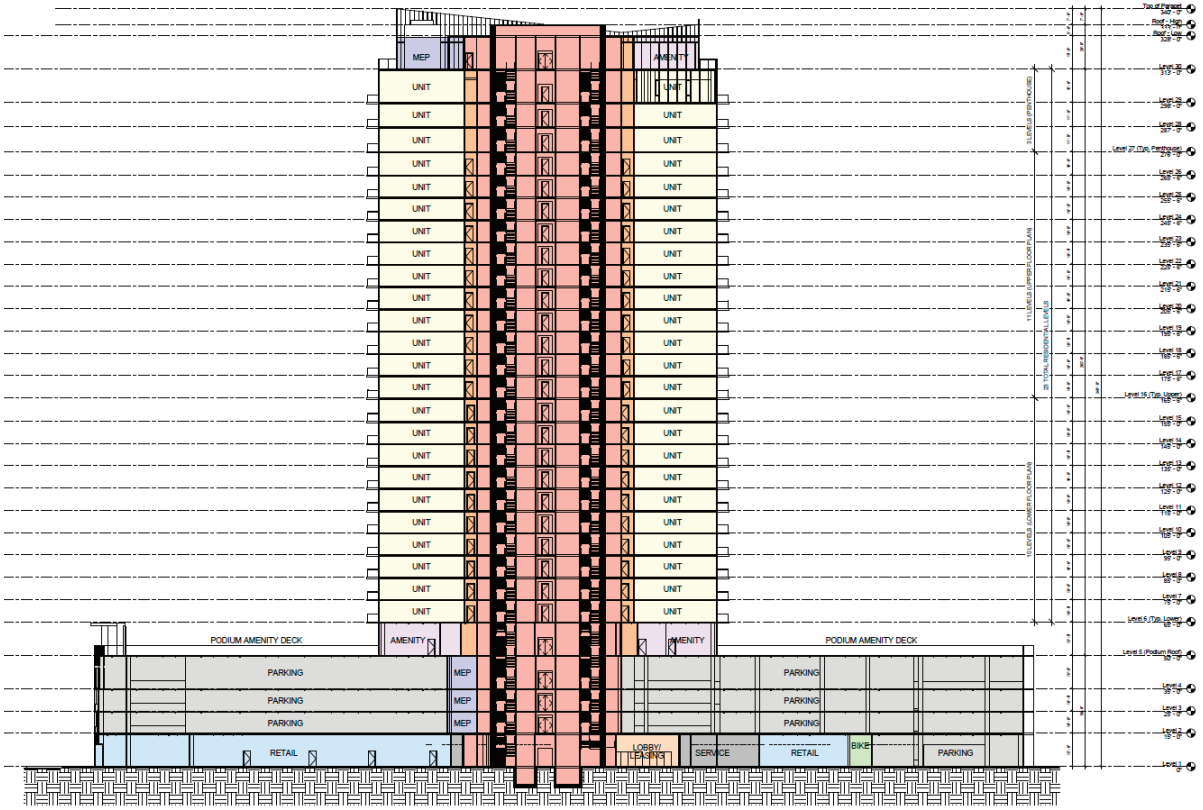
Figure 2.13
West Eleveation



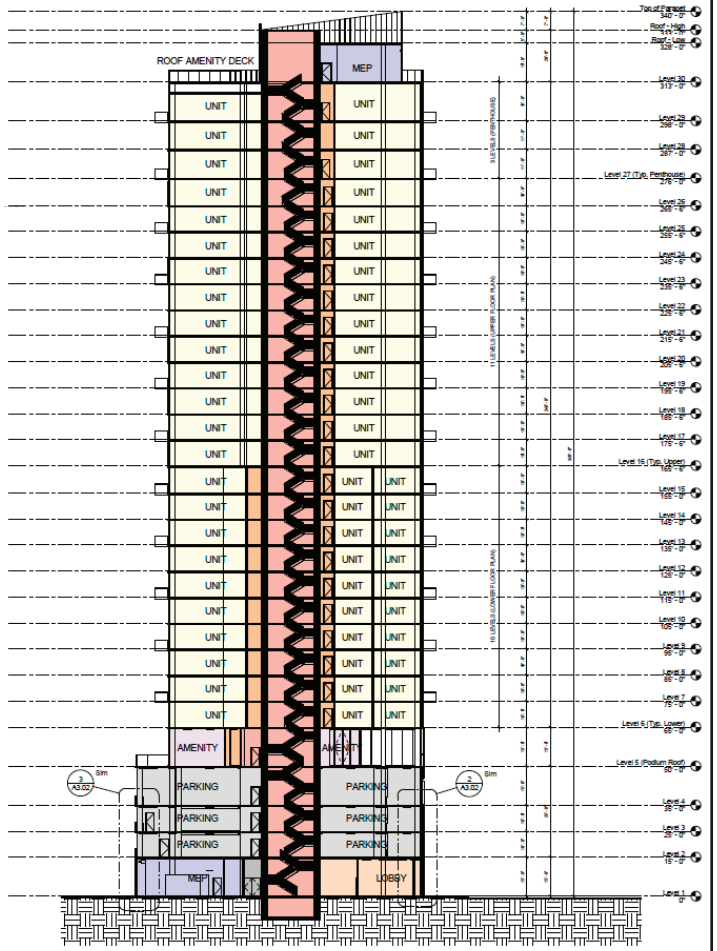
Source: MVE + Partners, July 14, 2021.

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Figure 2.14
East Eleveation



SECTION 1



SECTION 2

Source: MVE + Partners, July 14, 2021.

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Figure 2.15
Building Sections



View 1



View 2



View 3

Source: MVE + Partners, July 14, 2021.

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Figure 2.16
Architectural Renderings



Source: MVE + Partners, May 3, 2021.

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Figure 2.17
Composite Landscape Plan

7. Access, Circulation, and Parking

Parking for the proposed residential and commercial uses on-site would be provided on the ground level through level four above grade. Vehicular access to the Project Site would be provided via two full-access driveways: one driveway from the alleyway and one driveway along Main Street. Another entrance-only driveway and an exit-only driveway would also be located along the alleyway.

Vehicle Parking

The Project Site is located within the Central City Parking District (LAMC Section 12.21 A.4(p)), which permits one (1) space for each dwelling unit, except where there are more than six (6) dwelling units of more than three (3) habitable rooms per unit on any lot, the ratio of parking spaces required for all of such units shall be at least one and one-quarter (1¼) parking spaces for each dwelling unit of more than three (3) habitable rooms. The Project Site is also located in the Downtown Business Parking District (LAMC Section 12.21 A.4(i)), which establishes parking for certain non-residential uses. Pursuant to the Downtown Business Parking District, business, commercial or industrial buildings having a gross floor area of 7,500 square feet or more must provide at least one parking space for each 1,000 square feet of floor area, exclusive of floor areas used for automobile parking space, basement storage or for rooms housing mechanical equipment incidental to the operation of buildings. Table 2.4, Summary of Required and Proposed Vehicle Parking Spaces, provides a summary of the LAMC parking requirements and amount of parking proposed for the residential and commercial uses.

Table 2.4
Summary of Required and Proposed Vehicle Parking Spaces

Description	Quantity	Parking Required		Parking Provided
		Rate	Spaces	
Residential				
Units with 3 or less Habitable Rooms	255	1 per du [a]	255	
Units with more than 3 Habitable Rooms	108	1.25 per du [a]	135	
Subtotal Residential	**363 du**		**390**	**363**
Commercial				
Retail/Restaurant	12,500 sf	1 per 1,000 sf [b]	**12**	**10**
		7% Residential Reduction [c]	*-27*	
		20% Commercial Reduction [c]	*-2*	
		TOTAL	**373**	**373**

Notes:
du = dwelling unit, sf = square feet
[a] *Parking requirements as calculated by the Central City Parking District (CCPD) exceptions to the rates presented in Los Angeles Municipal Code (LAMC) Section 12.21 A 4 (a-f), City of Los Angeles, revised July 24, 2013.*
[b] *Developments within the Downtown Business Parking District need to provide 1 parking space for every 1,000 sf of commercial uses, in excess of 7,500 square feet of commercial space. (LAMC 12.21 A.4(i).*
[c] *Pursuant to LAMC Section 12.21 A.4, up to 10 percent of the required parking residential uses and up to 20 percent of required parking non-residential uses may be replaced by bicycle parking at a ratio of one vehicle space for four bicycle parking spaces.*
Source: MVE + Partners, July 14, 2021.

Pursuant to LAMC Section 12.27, the Applicant requests a Zone Variance to permit 100 percent of the parking stalls required for residential uses to be designed and maintained as compact stalls in lieu of standard-size spaces.

Bicycle Parking

The Proposed Project provides on-site bicycle parking for short-term and long-term bike storage. As summarized in Table 2.5, below, the Proposed Project would be consistent with the applicable parking requirements of the LAMC as amended by Ordinance No. 185,480 adopted on March 27, 2018 for bicycle parking spaces and provide 23 short-term and 172 long-term bicycle parking spaces. In the event the number of residential units or commercial space is reduced from the current plans, the amount of vehicle and bicycle parking would be revised accordingly to meet the code requirements.

Table 2.5
Summary of Required and Proposed Bicycle Parking Spaces

Description	Quantity	Parking Required [a]		Total Spaces Required	Total Spaces Provided
		Short Term	Long Term		
Residential (363 du) [b,c]					
Units 1-25	25	2.5	25		
Units 26-100	75	5	50		
Units 101-200	100	5	50		
Units 200+	163	4	41		
Subtotal Residential:		*17*	*166*	**183**	**183**
Commercial [d]					
Retail/Restaurant	12,500 sf	6	6	12	12
TOTAL		**23**	**172**	**195**	**195**

Notes:
du = dwelling unit, sf = square feet
[a] *LAMC 12.21 A.16. Bicycle Parking and Shower Facilities, revised May 9, 2018.*
[b] *Short-term bicycle rates for residential uses are as follows: 1 space per 10 units for first 25 units; 1 space per 15 units for units 26-100; 1 space per 20 units for units 101-200, and 1 space per 40 units for units over 200.*
[c] *Long-term bicycle rates for residential units are as follows: 1 space per unit for first 25 units; 1 space per 1.5 units for units 26-100; 1 space per 2 units for units 101-200; and 1 space per 4 units over 200.*
[d] *Commercial uses including retail shall provide both short- and long-term parking at a rate of one space per 2,000 sf.*
Source: MVE + Partners, July 14, 2021.

8. Lighting and Signage

Exterior lighting features within the Proposed Project would consist of low level illuminated pedestrian walkways and lighting within common open space areas and outdoor courtyards. On site signage would include site identity and wayfinding signs in accordance with the LAMC.

9. Site Security

Security for the Proposed Project would be provided via site planning and secured access points of entry. The Proposed Project would include security design measures for semi-public and private spaces, which may include but not be limited to access control to the building, surveillance cameras, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of building entrances in high-foot traffic areas.

10. Sustainability Features

The Proposed Project would also be required to comply with the L.A. Green Building Code. The L.A. Green Building Code, effective January 1, 2017, requires the use of numerous conservation measures, beyond those required by Title 24 of the California Administrative Code. The L.A. Green Building Code contains both mandatory and voluntary green building measures to conserve energy. Among many requirements, the L.A. Green Building Code requires projects to achieve a 20 percent reduction in wastewater generation. Therefore, compliance with Title 24 of the California Administrative Code and the L.A. Green Building Code would reduce the Proposed Project's energy consumption.

11. Anticipated Construction Schedule

For purposes of analyzing impacts associated with air quality, this analysis assumes a Project construction schedule of approximately 30 months, with final buildout occurring in 2026. Construction activities associated with the Project would be undertaken in five main steps: (1) demolition/site clearing; (2) grading; (3) building construction; (4) paving; and (5) finishing and architectural coatings. All construction activities would be performed in accordance with all applicable state and federal laws and City Codes and policies with respect to building construction and activities. As provided in Section 41.40 of LAMC, the permissible hours of construction within the City are 7:00 A.M. to 9:00 P.M. Monday through Friday, and between 8:00 A.M. and 6:00 P.M. on any Saturday or national holiday. The Department of City Planning further restricts the hours of construction in residential areas to 6:00 P.M. on weekdays. No construction activities are permitted on Sundays. The Proposed Project would comply with these restrictions.

Demolition/Site Clearing Phase

This phase would include the demolition of the four commercial buildings and surface parking areas on the Project Site. In addition, this phase may include the removal of walls, fences, and associated debris. The demolition/site clearing phase would be completed in approximately one month.

Grading Phase

After the completion of the demolition phase, the grading/excavation phase for the Proposed Project would occur for approximately six months and would involve excavating the Project Site for the cut and fill of land to ensure the proper base and slope for the building foundations. The Proposed Project would require approximately 5,434 cy of soil export to be hauled off-site, and approximately 5,434 cy of soil import to be hauled on-site in order to build the building foundations.

Building Construction Phase

The building construction phase consists of above grade structures and is expected to occur for approximately 18 months. The building construction phase includes the construction of the proposed building, connection of utilities to the building, building foundations, parking structure, laying irrigation for landscaping, and landscaping the Project Site.

Construction activities may necessitate temporary lane closures on streets adjacent to the Project Site on an intermittent basis for utility relocations/hook-ups, delivery of materials, and other construction activities as may be required. However, site deliveries and the staging of all equipment and materials would be organized in the most efficient manner possible on-site to mitigate any temporary impacts to the neighborhood and surrounding traffic. Construction equipment would be staged on-site for the duration of construction activities. Traffic lane and right-of-way closures, if required, will be properly permitted by the City agencies and will conform to City standards.

Paving Phase

This phase of construction would entail paving the sidewalks and installing hardscape and landscaping features throughout the common areas, and is expected to occur for approximately one month. Paving also involves the laying of concrete or asphalt along the adjacent roads, setbacks, and alleyway.

Finishing/Architectural Coating Phase

The finishing/architectural coating phase is expected to occur over approximately four months. During this phase, interior cabinets and lighting fixtures would be installed, interior and exterior wall finishing's and paint would be applied, and the installation of windows, doors, cabinetry, and appliances within the residential units.

Temporary Right-of-Way Encroachment

Construction activities would necessitate temporary lane closures on 12th Street and Main Street, adjacent to the Project Site on an intermittent basis for utility relocations/hook-ups, delivery of materials, and other construction activities as may be required. However, site deliveries and the staging of all equipment and materials would be organized in the most efficient manner possible

on-site to mitigate any temporary impacts to the neighborhood and surrounding traffic. Traffic lane and right-of-way closures, including sidewalks, if required, would be properly permitted by the City agencies and would conform to City standards.

As discussed further in Checklist Question XVII(a), Transportation, a construction worksite traffic control plan shall be submitted to LADOT review and approval in accordance with the LAMC prior to the start of any construction work (see PDF TRAFFIC-2). The plans shall show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related traffic shall be restricted to off-peak hours. In accordance with City policy, pedestrian routes on 12th Street and Main Street fronting the Project Site will be maintained and protected from the active construction site. Temporary detours would be coordinate with the City on an as needed basis.

Haul Route

All construction and demolition debris would be recycled to the maximum extent feasible. Demolition debris and soil materials from the Project Site that cannot be recycled or diverted would be hauled to the Sunshine Canyon landfill, which accepts construction and demolition debris and inert waste from areas within the City of Los Angeles. The Sunshine Canyon Landfill is approximately 28 miles north of the Project Site (approx. 56 miles round trip). For recycling efforts, Downtown Diversion (operated by Waste Management, Inc.) accepts construction and demolition waste for recycling and is located approximately 2.2 miles southeast of the Project Site (approximately 4.4 miles round trip).[8] Construction debris generated during the building construction phase would be hauled to the Downtown Diversion station for processing, recycling, and reclamation. Any waste materials that are not suitable for diversion would likely be disposed of at the Sunshine Canyon Landfill facility.

12. Related Projects

In accordance with CEQA Guidelines Section 15064(h), this SCEA includes an evaluation of the Proposed Project's cumulative impacts. The guidance provided under CEQA Guidelines Section 15064 (h) is as follows:

> *"(1) When assessing whether a cumulative effect requires an EIR, the lead agency shall consider whether the cumulative impact is significant and whether the effects of the project are cumulatively considerable. An EIR must be prepared if the cumulative impact may be significant and the project's incremental effect, though individually limited, is cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects*

[8] *Construction and Demolition Debris Recycling Facilities in Los Angeles County, website: https://dpw.lacounty.gov/epd/CD/cd_attachments/Recycling_Facilities.pdf, accessed July 2021.*

of past projects, the effects of other current projects, and the effects of probable future projects.

(2) A lead agency may determine in an initial study that a project's contribution to a significant cumulative impact will be rendered less than cumulatively considerable and thus is not significant. When a project might contribute to a significant cumulative impact, but the contribution will be rendered less than cumulatively considerable through mitigation measures set forth in a mitigated negative declaration, the initial study shall briefly indicate and explain how the contribution has been rendered less than cumulatively considerable.

(3) A lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program (including, but not limited to, water quality control plan, air quality attainment or maintenance plan, integrated waste management plan, habitat conservation plan, natural community conservation plan, plans or regulations for the reduction of greenhouse gas emissions) that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located. Such plans or programs must be specified in law or adopted by the public agency with jurisdiction over the affected resources through a public review process to implement, interpret, or make specific the law enforced or administered by the public agency. When relying on a plan, regulation or program, the lead agency should explain how implementing the particular requirements in the plan, regulation or program ensure that the project's incremental contribution to the cumulative effect is not cumulatively considerable. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable notwithstanding that the project complies with the specified plan or mitigation program addressing the cumulative problem, an EIR must be prepared for the project.

(4) The mere existence of significant cumulative impacts caused by other projects alone shall not constitute substantial evidence that the proposed project's incremental effects are cumulatively considerable."

In light of the guidance summarized above, an adequate discussion of a project's significant cumulative impact, in combination with other closely related projects, can be based on either: (1) a list of past, present, and probable future producing related impacts; or (2) a summary of projections contained in an adopted local, regional, statewide plan, or related planning document that describes conditions contributing to the cumulative effect. (CEQA Guidelines Section 15130(b)(1)(A)-(B)). The lead agency may also blend the "list" and "plan" approaches to analyze the severity of impacts and their likelihood of occurrence. Accordingly, all proposed, recently approved, under construction, or reasonably foreseeable projects that could produce a related or cumulative impact on the local environment, when considered in conjunction with the Project, were identified for evaluation.

The related projects identified are included in Table 2.6, Related Projects List, below. A total of 36 related projects were identified within the vicinity of the Project Site. An analysis of the cumulative impacts associated with these related projects and the Proposed Project are provided under each individual environmental impact category in Section 4 of this SCEA. The locations of the related projects are shown in Figure 2.18, Location of Related Projects.

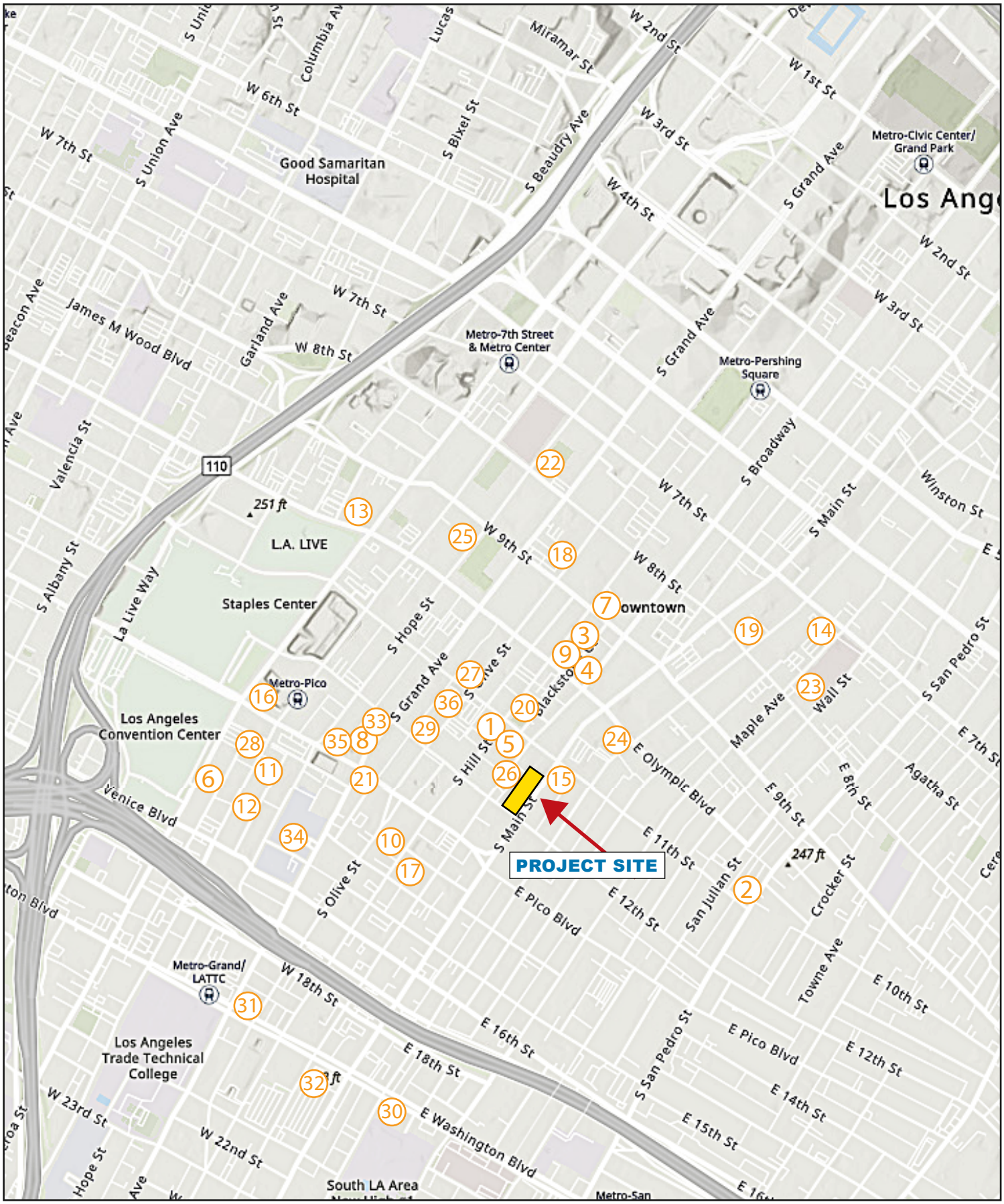
Table 2.6
Related Projects

Project Number	Project Name	Location/Address	Project Description	Size	Units
1	11th & Hill Project	1111 S. Hill Street	Condominium Hotel Restaurant	319 160 3,429	du room sf
2	City Market Mixed-Use	1057 S San Pedro Street	Office Retail Movie Theater Apartment Condominium Hotel	549,141 224,862 744 877 68 210	sf sf sf du du rm
3	Hill Street Mixed-Use	920 S. Hill Street	Apartment Retail	239 5,400	du sf
4	Broadway Lofts	955 S. Broadway	Apartment Retail	163 6,406	du sf
5	Herald Examiner	1111 S. Broadway	Apartment Office Retail	391 39,725 49,000	du sf sf
6	---	1400 S. Figueroa Street	Apartment Retail/Restaurant	106 4,834	du sf
7	Alexan Mixed-Use	850 S. Hill Street	Apartment Retail Restaurant	300 3,500 3,500	du sf sf
8	Grand Residence	1229 S. Grand Avenue	Condominium Restaurant	161 3,000	du sf
9	The Hill	940 S. Hill Street	Apartment Restaurant	232 14,000	du sf
10	Emerald Mixed-Use	1340 S. Olive Street	Apartment Retail Restaurant	156 5,000 10,000	du sf sf
11	---	1334 S. Flower Street	Apartment Retail/Restaurant	188 10,096	du sf
12	---	1400 S. Flower Street	Apartment Retail	152 1,184	du sf
13	Olympic Tower	815 W. Olympic Boulevard	Hotel Condominium Retail Office	373 374 65,074 33,498	rm du sf sf
14	Fashion District Residences	701 S. Maple Avenue	Apartment Commercial	452 13,655	du sf
15	11th and Main	1100 S. Main Street	Apartment Commercial	379 25,810	du sf
16	Fig + Pico	1248 S. Figueroa	Quality	6,573	sf

Project Number	Project Name	Location/Address	Project Description	Size	Units
	Conference Center Hotel	Street	Restaurant High-Turnover Restaurant Hotel	 6,573 1,162	 sf rm
17	14th and Hill Mixed-Use	1340 S. Hill Street	Apartment Retail Restaurant	235 5,250 4,000	du sf sf
18	---	845 S. Olive Street	Apartment Retail Restaurant	208 810 1,620	du sf sf
19	Norton Building	755 S. Los Angeles Street	Retail Office Restaurant	16,694 60,243 26,959	sf sf sf
20	Olympic and Hill Tower	1030 S. Hill Street	Apartment Commercial	498 8,707	du sf
21	---	1323 Grand Avenue	Apartment Retail	284 6,300	du sf
22	8th and Hope Tower	754 S. Hope Street	Apartment	409	du
23	Southern California Flower Market	755 S. Wall Street	Apartment Retail Event Space Office Restaurant	323 4,400 125 53,200 4,420	du sf per sf sf
24	---	124 E. Olympic Boulevard	Hotel Restaurant	149 6,716	rm sf
25	---	949 S. Hope Street	Apartment Restaurant Retail	236 5,060 894	du sf sf
26	---	1138 S. Broadway	Hotel	138	rm
27	Crescent Heights Tower	1045 S. Olive Street	Apartment High-Turnover Restaurant Quality Restaurant	794 6,252 6,252	du sf sf
28	---	1323 S. Flower Street	Hotel Apartment Bar/Restaurant	132 48 3,685	rm du sf
29	---	1155 S. Olive Street	Hotel Retail Restaurant	258 1,896 2,722	rm sf sf
30	Washington Boulevard/Los Angeles Street Mixed-Use	220 E. Washington Boulevard	Affordable Housing Apartment Retail Apartment to be removed Auto Repair Shop to be removed	111 1 7,300 (31) (2,322)	du du sf du sf
31	Grand Metropolitan	233 W. Washington	Apartment Retail	160 24,000	du sf

Project Number	Project Name	Location/Address	Project Description	Size	Units
	Mixed-Use Project	Boulevard			
32	The Reef/LA Mart/SOLA Village	1900 S. Broadway	Condominium Apartment Hotel Retail Office Gallery/Museum Health Club	900 550 210 143,100 180,000 17,600 8,000	du du rm sf sf sf sf
33	---	1201 S. Grand Avenue	Apartment High-Turnover Restaurant General office to be removed	312 7,100 (22,000)	du sf sf
34	California Hospital Medical Center Expansion	1401 S. Grand Avenue	Hospital Retail	148,465 6,000	sf sf
35	Morrison Hotel Development	1246 S. Hope Street	Apartment Hotel Restaurant	258 265 6,000	du rm sf
36	---	1115 S. Olive Street	Apartment Commercial	536 6,153	du sf

Notes:
du = dwelling unit, sf = square feet, ac = acres, rm = rooms, st = seats, stu = students, bed = beds, emp = employees, veh = vehicles, per = persons
Source: Crain & Associates, Transportation Impact Study for the Proposed Main Street Tower Project, City of Los Angeles, June 4, 2019; and ZIMAS, website: http://zimas.lacity.org, accessed June 2021



Source: Crain and Associates, June 4, 2019; ZIMAS, 2021.

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Figure 2.18
Related Project Location Map

D. Requested Permits and Approvals

The list below includes the anticipated requests for approval of the Proposed Project. The Sustainable Communities Environmental Assessment (SCEA) will analyze impacts associated with the Proposed Project and will provide environmental review sufficient for all necessary entitlements and public agency actions associated with the Proposed Project. The discretionary entitlements, reviews, permits and approvals required to implement the Proposed Project include, but are not necessarily limited to, the following:

- Pursuant to **LAMC Sections 17.03, 17.06, and 17.15**, **Vesting Tentative Tract Map No. 82463** to create one master ground lot for a mixed-use project containing 363 residential units and for the export of approximately 5,434 cy of soil and import of approximately 5,434 cy of soil;
- Pursuant to **LAMC Section 12.27,** a **Zone Variance** to permit 100 percent of the parking stalls required for residential uses to be designed and maintained as compact stalls in lieu of standard spaces;
- Pursuant to **LAMC Section 14.5.7**, a **Transfer of Floor Area Rights** (TFAR) for a transfer of 49,999 square feet of floor area to allow a total floor area of 343,447 square feet with a Floor Area Ratio (FAR) of 7.03:1; and
- Pursuant to **LAMC Section 16.05**, a **Site Plan Review** for a development project which creates, or results in an increase of 50 or more dwelling units.

Other discretionary and ministerial permits and approvals that may be deemed necessary, including, but not limited to, temporary street closure permits, grading permits, excavation permits, foundation permits, building permits, tree removal permits and sign permits.

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Section 3. SCEA Criteria and Transit Priority Project Consistency Analysis

A. Senate Bill 375

The State of California adopted SB 375, also known as "The Sustainable Communities and Climate Protection Act of 2008," which outlines growth strategies that better integrate regional land use and transportation planning and that help meet the State of California's greenhouse gas reduction mandates. SB 375 requires the State's 18 metropolitan planning organizations to incorporate a "sustainable communities strategy" into the regional transportation plans to achieve their respective region's greenhouse gas emission reduction targets set by California Air Resources Board (ARB). The Southern California Association of Governments (SCAG) is the metropolitan planning organization that has jurisdiction over the Project Site.

On September 3, 2020, SCAG's Regional Council adopted the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy (2020-2045 RTP/SCS), a plan that the Regional Council now calls Connect SoCal. For the SCAG region, the CARB has set greenhouse gas reduction targets at 8 percent below 2005 per capita emissions level by 2020 and 19 percent below 2005 per capita emissions levels by 2035. The Connect SoCal plan outlines strategies to meet the targets set by CARB.[1] By Executive Order G-20-239, approved October 30, 2020, CARB officially determined that the Connect SoCal plan would achieve CARB's 2020 and 2035 GHG emission reduction targets.[2]

B. Transit Priority Project Criteria

SB 375 provides CEQA streamlining benefits to a transit priority project (TPP). A TPP is a project that meets the following four criteria (see Public Resources Code, Section §21155 (a) and (b)):

1. Is consistent with the use designation, density, building intensity, and applicable policies specified for the project area in either a sustainable communities strategy or an alternative planning strategy, for which the ARB has accepted a metropolitan planning organization's determination that the sustainable communities strategy or the alternative planning strategy would, if implemented, achieve the greenhouse gas emission reduction targets established by ARB;

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[1] *Southern California Association of Governments, Connect SoCal, 2020-2045 Regional Transportation Plan / Sustainable Communities Strategy, Chapter 1: About the Plan, September 3, 2020.*

[2] *CARB Executive Order No. G-20-239.*

2. Contains at least 50 percent residential use, based on total building square footage and, if the project contains between 26 percent and 50 percent nonresidential uses, a floor area ratio of not less than 0.75;

3. Provides a minimum net density of at least 20 units per acre; and

4. Is within one-half mile of a major transit stop or high-quality transit corridor included in a regional transportation plan.

As discussed below, the Proposed Project qualifies as a TPP and meets the qualifying criteria pursuant to Public Resources Code, Section § 21155 as outlined above.

Consistency with Criterion #1:

The Project is consistent with the general use designation, density, and building intensity and applicable policies of specified for the project area in either a sustainable communities strategy or an alternative planning strategy.

2016-2040 RTP/SCS

The 2016-2040 RTP/SCS contains SCAG's regional growth projections, goals, and policies, as well as a regional overview of projected land uses and development standards. Using data collected from local jurisdictions, including general plans, SCAG categorized existing land uses into land use types, then combined the land use types into 35 Place Types and classified subregions into one of three land use development categories (LDCs): Urban, Compact, or Standard. SCAG used these LDCs to describe the conditions that exist and/or are likely to exist within each specific area of the SCAG region[3]. As shown below in Figure 3.1, Forecasted Regional Development Types by Land Development Categories (2012) and Figure 3.2, Forecasted Regional Development Types by Land Development Categories (2040), the Project Site is located within an "Urban" LDC and is forecasted to be in within an Urban LDC in 2040, respectively. Urban LDCs are often found within or directly adjacent to moderate and high-density urban areas. The 2016-2040 RTP/SCS defines the Urban LDC as the following:

These areas are often found within and directly adjacent to moderate and high density urban centers. Nearly all urban growth in these areas would be considered infill or redevelopment. The majority of housing is multifamily and attached single-family (townhome), which tend to consume less water and energy than the larger types found in greater proportion in less urban locations. These areas are supported by high levels of regional and local transit service. They have well-connected street networks, and the mix and intensity of uses result in a highly walkable environment. These areas offer enhanced access and connectivity for people who choose not to drive or do not have access to a vehicle.

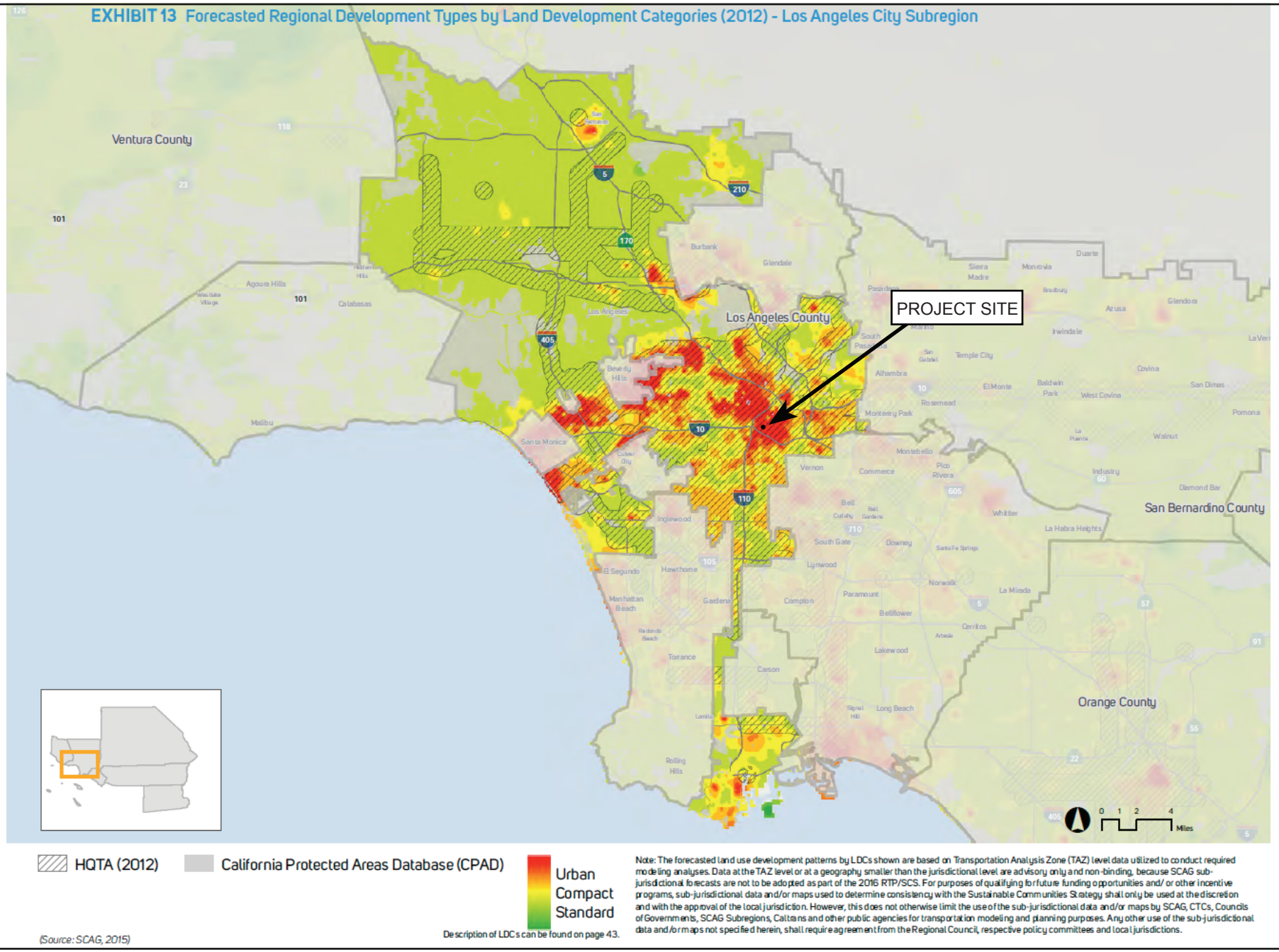
[3] *2016-2040 Regional Transportation Plan / Sustainable Communities Strategy, 2016, p. 20-21.*

The Proposed Project would be consistent with the Urban LDC. The Proposed Project is located within a highly urbanized area within the City of Los Angeles, near Downtown Los Angeles. The Proposed Project is an infill project that would provide mixed-use development with multi-family units and neighborhood serving ground floor commercial uses. The Proposed Project is located within a High Quality Transit Area (HQTA) as defined by SCAG and within a Transit Priority Area (TPA) as defined by SB 743, which supports transit opportunities and promotes a walkable environment. The Project Site is located approximately 0.6 mile walking distance of the Pico Rail Station and approximately 0.9 mile walking distance from the 7th Street / Metro Center Station. Additionally, access to the Project Site is served by a well-connected street network, which consists of a grid pattern as is most of the City of Los Angeles. The predominant housing type in the Project Site area is multi-family residential. As such, the Proposed Project is highly connected and provides accessibility for persons who choose not to drive or do not have access to a vehicle.

The 2016-2040 RTP/SCS states that HQTAs may include high-density development, support pedestrian and bike infrastructure, reduce parking requirements, and retain affordable housing near transit[4]. The Proposed Project includes a 30-story mixed-use residential and commercial building with 363 residential dwelling units and 12,500 square feet of ground floor commercial/retail space. The Proposed Project would promote pedestrian activity and bicycling activity by providing landscaping along the public right-of-way and retail spaces within a HQTA. The Proposed Project would also provide vehicle and bicycle parking that is consistent with LAMC requirements. Pursuant to LAMC Section 12.21.A.4, up to ten percent of the required vehicle parking for residential uses and up to 20 percent of required vehicle parking for non-residential uses may be replaced by bicycle parking at a ratio of one vehicle parking space for four bicycle parking spaces. As such, the proposed 373 vehicle parking spaces would be compliant with LAMC requirements and consistent with the bike infrastructure and reduced vehicle parking requirement characteristics that define HQTAs. Therefore, the Proposed Project is similar to other developments within HQTAs and would be consistent with the Urban LDC within the 2016-2040 RTP/SCS.

These LDCs are also included in the updated 2020-2045 RTP/SCS, discussed below.

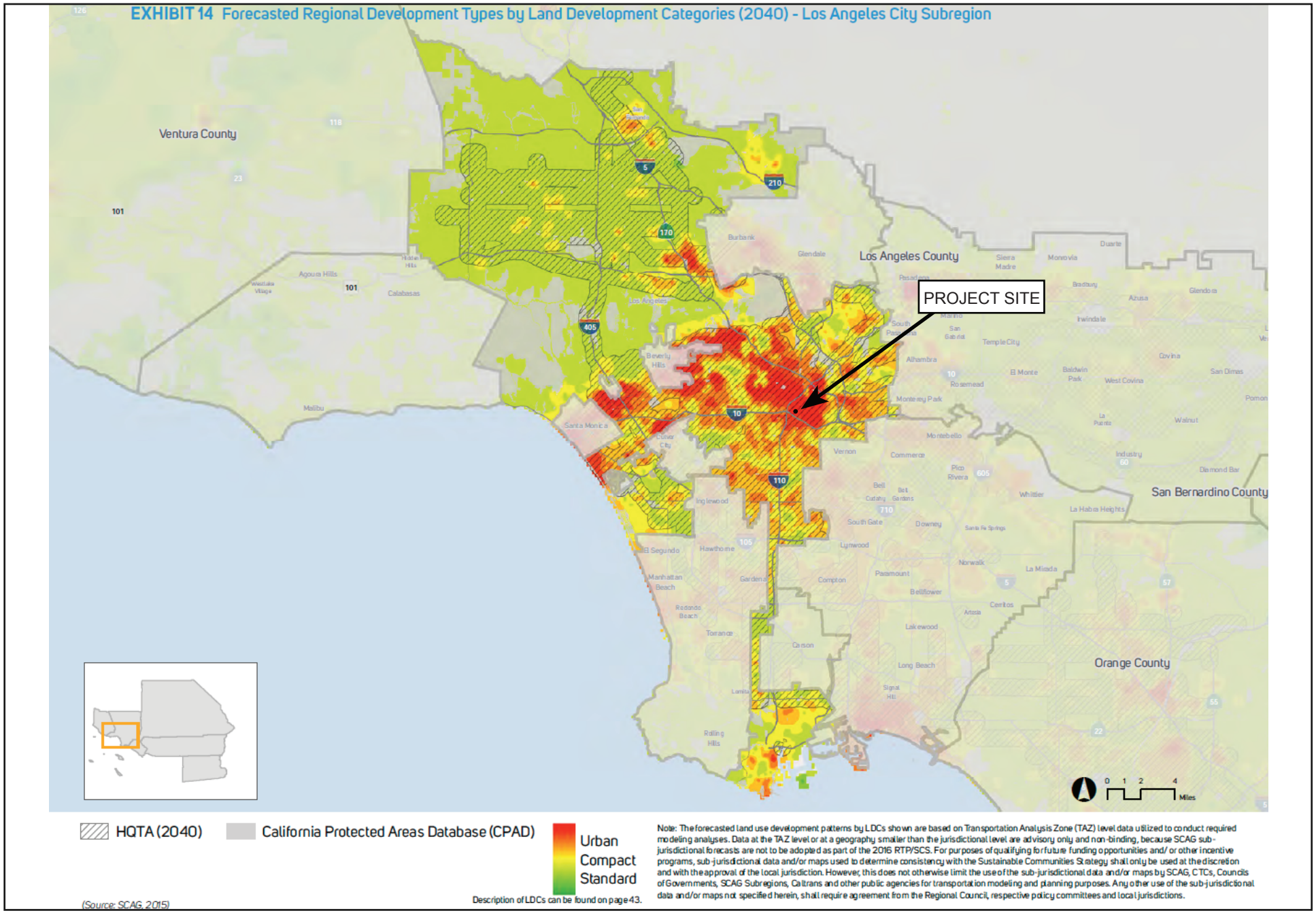
[4] *2016-2040 Regional Transportation Plan / Sustainable Communities Strategy, 2016, p. 25.*



Source: Appendix L - SCAG 2016-2040 RTP/SCS Sustainable Communities Strategy Background Documentation.

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Figure 3.1
Forecasted Regional Development Types by Land Development Categories (2012)



Source: Appendix L - SCAG 2016-2040 RTP/SCS Sustainable Communities Strategy Background Documentation.

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Figure 3.2
Forecasted Regional Development Types by Land Development Categories (2040)

2020-2045 RTP/SCS (Connect SoCal)

In September 2020, SCAG's Regional Council adopted Connect SoCal, the 2020-2045 RTP/SCS of the Southern California Association of Governments (SCAG). The RTP/SCS is the culmination of a multi-year effort involving stakeholders from across the SCAG Region. Connect SoCal builds upon and expands land use and transportation strategies established over several planning cycles to increase mobility options and achieve a more sustainable growth pattern. On October 30, 2020, CARB accepted SCAG's quantification of GHG emission reductions from Connect SoCal and determined that Connect SoCal would, if implemented, achieve the 2035 GHG emission reduction targets established by CARB.[5]

Use Designation, Density, and Building Intensity

SCAG's Scenario Planning Model (SPM) is a data management, land use planning, and modeling tool. SPM enables the creation and organization of local and regional data, plan and policies, facilitates scenario creation and editing and estimates a wide range of potential benefits resulting from alternative transportation and land use strategies.

SCAG's SPM employs a series of Place Types to describe the different types of land uses in the region. The Place Types—each comprised of a mix of different building types along with assumptions about characteristics such as the amount of land devoted to streets, parks, and civic areas – represent the complete range of development types and patterns that make up a scenario. These Place Types contain a large amount of information relating to the characteristics of the landscape, including jobs and housing density, urban design, mix of land uses and are intended for modeling purposes.

SCAG also categorizes existing land uses into land use types. Land Development Categories (LDCs)—Urban, Compact, or Standard—represent distinct forms of land use, ranging from dense and walkable mixed-use urban areas well served by transit, to lower-intensity, less walkable places where land uses are segregated and most trips are made via automobile. These LDCs are an aggregation of the 35 Place Types and are used to describe the general conditions within a specific area.[6] The Connect SoCal, Sustainable Communities Strategy Technical Report, forecasts LDCs by county and subregion for 2045; Exhibit 1: Connect SoCal Forecasted Regional Development Pattern.[7]

The Project Site area is located within an "Urban" Land Development Category (LDC). The Urban LDC is the highest density and most intense land development category assessed in the Connect SoCal SCS. The Connect SoCal SCS describes the Urban Land Development Category as:

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[5] *CARB Executive Order No. G-20-239.*

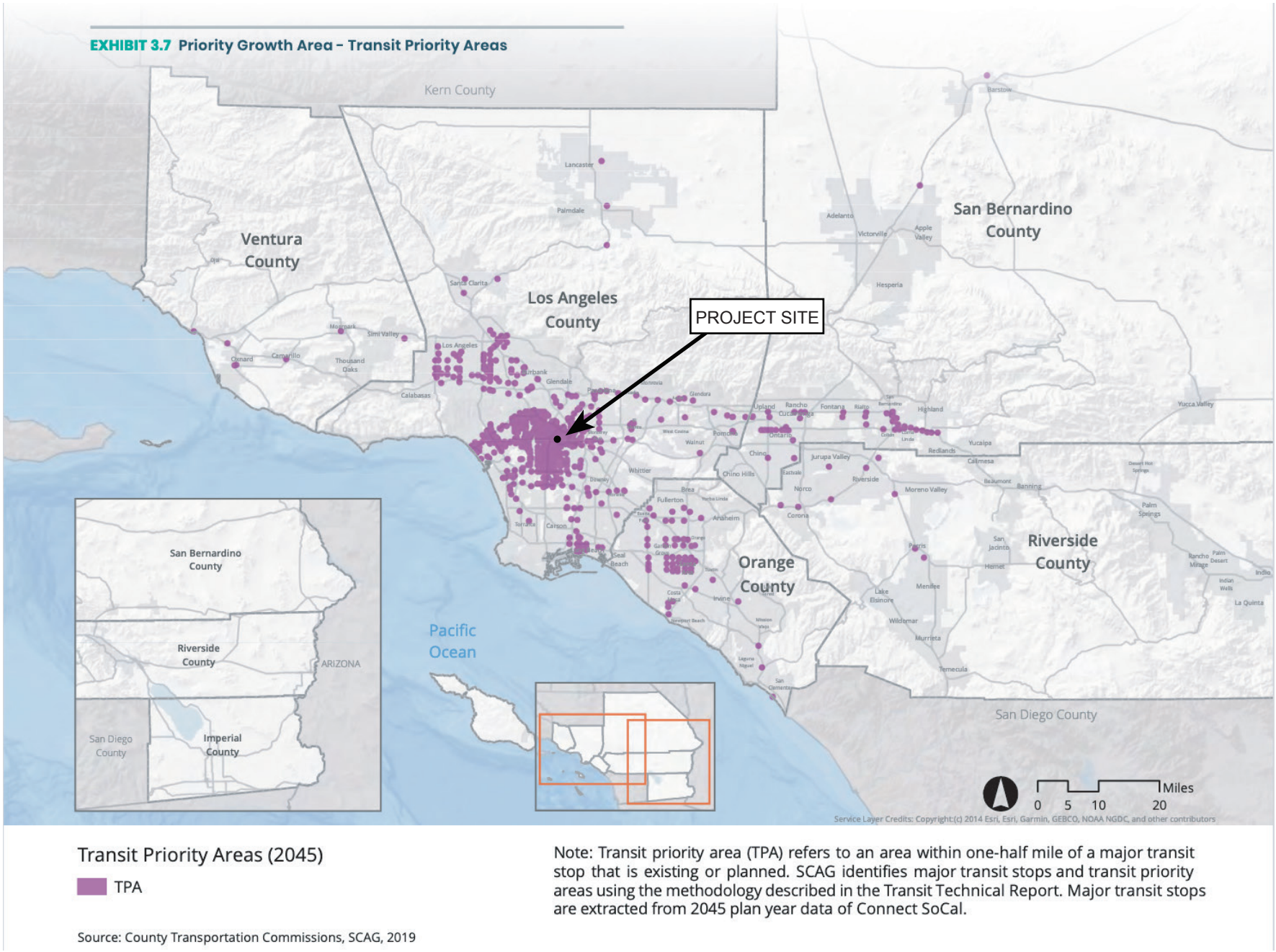
[6] *Connect SoCal, Sustainable Communities Strategy Technical Report, p.44-45.*

[7] *Connect SoCal, Sustainable Communities Strategy Technical Report, p.33.*

These areas are often found within and directly adjacent to moderate and high density urban centers. Virtually all 'Urban' growth would be considered infill or redevelopment. The majority of housing units are multifamily and attached single family (townhome), which tend to consume less water and energy than the larger types found in greater proportion in less urban locations. These areas are supported by high levels of regional and local transit service. Well-connected street networks and the mix of intensity of uses result in a highly walkable environment. Enhanced access and connectivity for people who choose not to drive or do not have access to a vehicle.[8]

As previously discussed, the Proposed Project would be consistent with the Urban LDC. The Proposed Project is located within a highly urbanized area within the City of Los Angeles, near Downtown Los Angeles. The Proposed Project is an infill project that would provide mixed-use development with multi-family units and neighborhood serving ground floor commercial uses. The Proposed Project is located within a High Quality Transit Area (HQTA) as defined by SCAG and within a Transit Priority Area (TPA) as defined by SB 743, which supports transit opportunities and promotes a walkable environment. This is shown below in Figure 3.3, Connect SoCal Transit Priority Areas (2045), which depicts the location of the Project Site in relation to the location of TPAs within the SCAG region for the year 2045, and Figure 3.4, Connect SoCal High Quality Transit Areas (2045), which depicts the location of the Project Site in relation to the location of HQTAs within the SCAG region for the year 2045. The Project Site is located approximately 0.6 mile walking distance of the Pico Rail Station and approximately 0.9 mile walking distance from the 7th Street / Metro Center Station. Additionally, access to the Project Site is served by a well-connected street network, which consists of a grid pattern as is most of the City of Los Angeles. The predominant housing type in the Project Site area is multi-family residential. As such, the Proposed Project is highly connected and provides accessibility for persons who choose not to drive or do not have access to a vehicle. Connect SoCal further demonstrates that HQTAs may include high-density development, support pedestrian and bike infrastructure, reduce parking requirements, and retain affordable housing near transit. The Proposed Project is a mixed-use project, which includes a 30-story mixed-use residential and commercial building with 363 residential dwelling units and 12,500 square feet of ground floor commercial/retail space. The Proposed Project promotes pedestrian activity and bicycling activity by providing landscaping along the public right-of-way and retail spaces. The Proposed Project would provide parking that is consistent with LAMC standards. Therefore, the Proposed Project is similar to other developments within HQTAs.

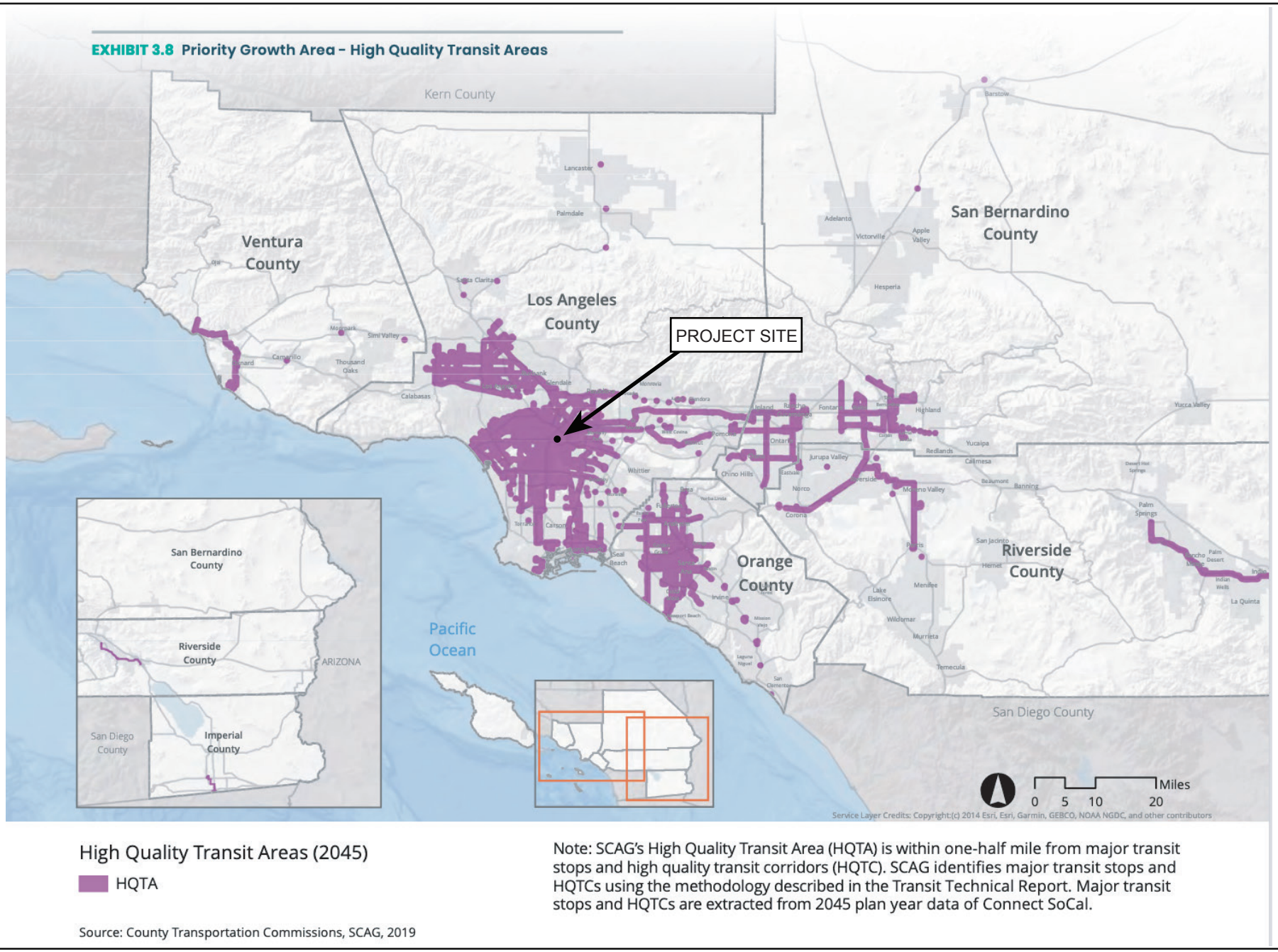
[8] *Connect SoCal, Sustainable Communities Strategy Technical Report, p.45.*



Source: SCAG Connect SoCal, September 3, 2020.

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Figure 3.3
Connect SoCal Transit Priority Areas (2045)



Source: SCAG Connect SoCal, September 3, 2020.

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Figure 3.4
Connect SoCal High Quality Transit Areas (2045)

As a Land Use Tool, Connect SoCal identifies Priority Growth Areas (PGAs) throughout the SCAG region where Connect SoCal strategies can be fully realized. These PGAs include Job Centers, TPAs, HQTAs, Neighborhood Mobility Areas (NMAs), Livable Corridors, and Spheres of Influence. These PGA categories account for only four percent of the SCAG region's total land area, but implementation of SCAG's growth strategies will help these areas accommodate 64 percent of forecasted household growth and 74 percent of forecasted employment growth between 2016 and 2045.[9] This more compact form of regional development can reduce travel distances, increase mobility options, improve access to workplaces, and conserve the SCAG region's resource areas. As shown below in Figure 3.5, Connect SoCal Forecasted Regional Development Pattern, the Project Site is located within a Priority Growth Area, specifically within a Job Center, HQTA, and Neighborhood Mobility Area (NMA). Job Centers are defined as having a significantly higher employment density than surrounding areas, and that employment growth and residential growth are prioritized in existing Job Centers in order to leverage existing density and infrastructure.[10] NMAs are areas that focus on creating, improving, restoring, and enhancing safe and convenient connections to retail and services, increasing walkability, and which have robust residential to non-residential land use connections and encourage safer multi-modal short trips to reduce reliance on single occupancy vehicles.[11] In addition, the Project Site is located within a Livable Corridor, defined as a strategy comprised of three components (transit improvements, active transportation improvements, and land use policies) to encourage local jurisdictions to plan and zone for increased density at nodes along key corridors and to "redevelop" single-story under-performing retail with well-designed, higher density housing and employment centers.[12]

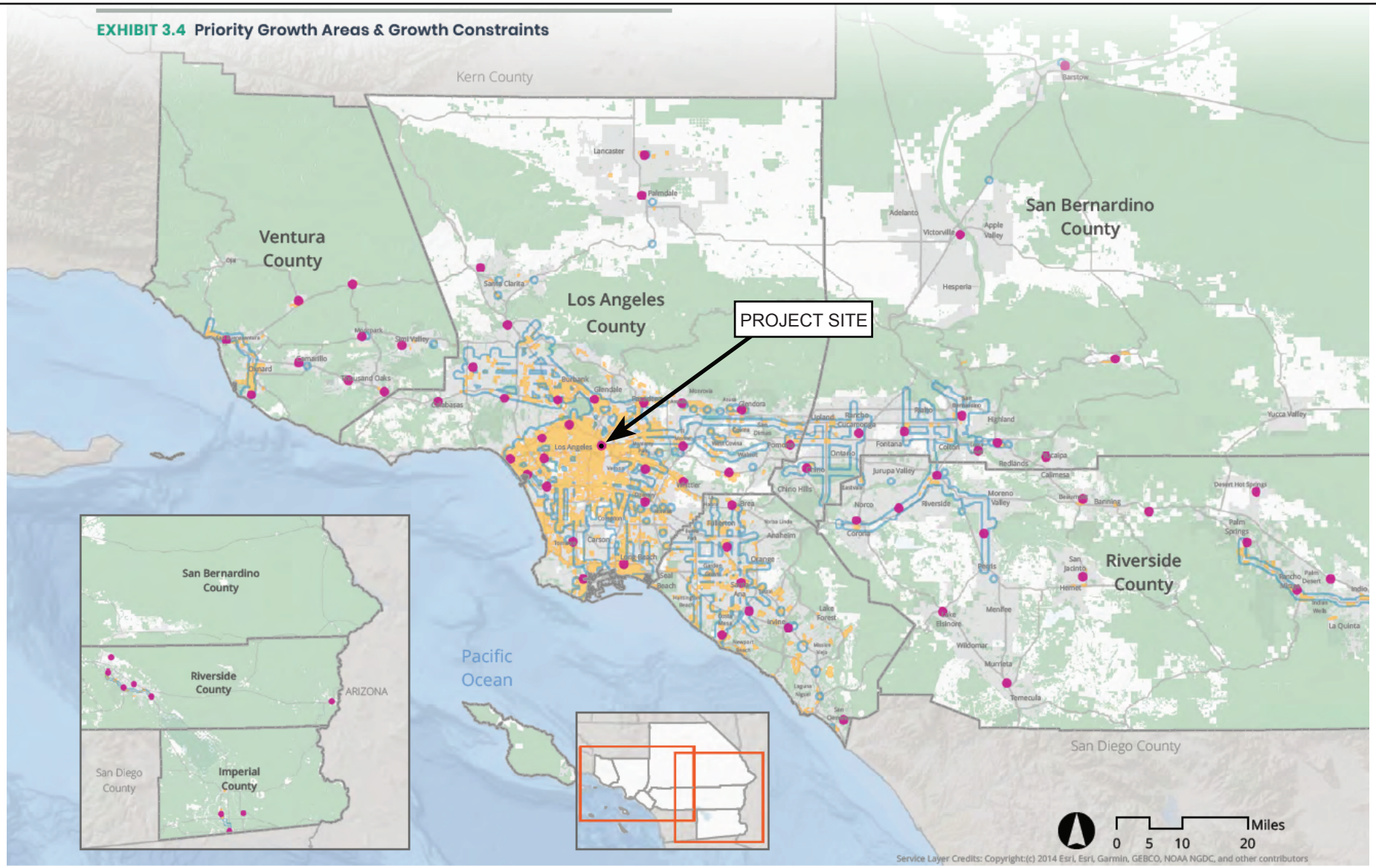
The Proposed Project would be consistent with these applicable PGA categories (Job Centers, HQTAs, NMAs, and Livable Corridors), as it would create neighborhood serving ground floor retail and multi-family residential as a compact infill development in a highly urbanized area of the City and locate housing and employment opportunities in close proximity to Downtown Los Angeles, with access to a robust transit network, including bus stops with peak commute intervals of 15 minutes or less and located approximately 0.6 mile and 0.9 mile walking distance to the Pico Rail Station and 7th Street / Metro Center Station, respectively, in addition to providing on-site Code compliant bicycle parking.

[9] *Connect SoCal, p.50.*

[10] *Ibid.*

[11] *Connect SoCal, p.51-52.*

[12] *Connect SoCal, p.52.*



Source: SCAG Connect SoCal, September 3, 2020.

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Figure 3.5
Priority Growth Areas & Growth Constraints

The Connect SoCal SCS includes various urban footprint place types, including mixed use, residential, commercial, office, research and development, industrial, civic and open space.[13] The Proposed Project is consistent with a range of place types within the Urban LDC.

"Urban Mixed-Use districts are exemplified by a variety of intense uses and building types. Typical buildings are between 10 and 40+ stories tall, with offices and/or residential uses and ground-floor retail space. Parking is usually structured below or above ground. Workers, residents, and visitors are well-served by transit, and can walk or bicycle for many of their transportation needs." The land use mix for this place type is typically approximately 18 percent residential, 16 percent employment, 45 percent mixed use, and 21 percent open space/civic. The residential mix is 100 percent multi-family. The average total net Floor Area Ratio (FAR) is 9.0, floors range from 15 to 100 feet, and the gross density ranges from 50 to 500 employees per acre and 40 to 500+ households per acre.[14]

'Urban Residential' place types "are typically found within or adjacent to major downtowns. They include high- and mid-rise residential towers, with some ground-floor retail space. Parking [is] usually structured below or above ground. Residents are well served by transit, and can walk or bicycle for many of their daily needs." The land use mix for this place type is typically approximately 64 percent residential, 4 percent employment, 12 percent mixed use and 21 percent open space/civic. The residential mix is 100 percent multi-family. The average total net FAR is 9.0, floors range from 15 - 60, and the gross density ranges from 0 – 50+ employees per acre 75 - 500+ households per acre.[15]

"Industrial/Office/Residential Mixed Use High" is characterized by a wide-ranging, intensely developed mix of uses located in close proximity and set in an automobile-oriented context. Building heights can range from 1 to 15+ stories, and uses can include but are not limited to industrial, warehouses, offices, residential, and retail. The land use mix for this place type is typically approximately 58 percent residential, 36 percent employment, and 6 percent open space. The average total net FAR is 2.0, floors range from 1 – 17, and the gross density ranges from 3 – 250+ employees per acre 18 – 200+ households per acre.[16]

The Proposed Project is a mixed-use development up to 30 stories tall consisting of residential and commercial uses in a highly-urbanized part of Central Los Angeles, on a site that is currently occupied by four commercial buildings and surface parking. Adjacent land uses include commercial/retail, office, industrial uses, mixed-use residential buildings, and surface parking. The Proposed Project is approximately 96 percent residential, and approximately four percent non-residential with a non-residential FAR of 0.26 to 1. The Proposed Project area is

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[13] *Connect SoCal, SCS Technical Report, Appendix 1, SPM Place Types.*

[14] *Connect SoCal SCS Appendix 1, SPM Place Types, p. 1.*

[15] *Ibid.*

[16] *Connect SoCal, SCS Appendix 1, SPM Place Types, p.8.*

supported by high levels of regional and local transit. The Proposed Project would construct approximately 324 dwelling units per acre and will have a total net FAR of 7.03 to 1.

Based on the regional growth projections in the Connect SoCal plan, the City had an estimated permanent population of approximately 3,933,800 persons and approximately 1,367,000 residences in 2016. By the year 2045, SCAG forecasts that the City will increase to 4,771,300 persons (or a 21% increase since the year 2016) and approximately 1,793,000 residences (or a 31% increase since the year 2016). SCAG's population and housing projections for the City, Los Angeles County, and the SCAG region as a whole for 2016 and 2045 are further summarized in Table 3.1, below.

Table 3.1
SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County, and the SCAG Region

Population			
Region	**2016**	**2045**	**%Growth (2016-2045)**
Los Angeles City	3,933,800	4,771,300	21%
Los Angeles County	10,110,000	11,674,000	15%
SCAG Region	18,832,000	22,504,000	19%
Households			
Region	**2016**	**2045**	**%Growth (2016-2045)**
Los Angeles City	1,367,000	1,793,000	31%
Los Angeles County	3,319,000	4,119,000	24%
SCAG Region	6,012,000	7,633,000	27%
Employment			
Region	**2016**	**2045**	**%Growth (2016-2045)**
Los Angeles City	1,848,300	2,135,900	16%
Los Angeles County	4,743,000	5,382,000	13%
SCAG Region	8,389,000	10,049,000	20%

Source: SCAG, Connect SoCal, Demographics and Growth Forecast Appendix, Table 13 – County Forecast of Population, Households, and Employment and Table 14 – Jurisdiction-Level Growth Forecast, adopted September 3, 2020.

The Proposed Project is an infill development project within the Central City Community Plan Area. With respect to regional growth forecasts, SCAG forecasts the City of Los Angeles Subregion will experience a population increase to 4.77 million persons by 2045. As shown in Table 3.1, SCAG population and housing projections from 2016 through 2045 envisions a population growth of 837,500 additional persons (an approximate 21% growth rate) in the City of Los Angeles and 3,672,000 additional persons (an approximate 19% growth rate) in the entire SCAG Region. The number of households within the City of Los Angeles is anticipated to increase by 426,000 households, or approximately 31% between 2016 and 2045. The number

of households within the SCAG Region is anticipated to increase by 1,621,000 households, or approximately 27% between 2016 and 2045. The number of employment opportunities is anticipated to increase by 287,600 jobs (approximately 16%) in the City of Los Angeles between 2016 and 2045, and the SCAG Region is anticipated to increase by 1,660,000 jobs (approximately 20%) between 2016 and 2045.

Based on the community's current household demographics (e.g., an average of 2.6 persons per multi-family household for the City of Los Angeles), the construction of 363 additional residential dwelling units would result in an increase in approximately 944 net permanent residents in the City of Los Angeles.[17] Further, the Proposed Project includes a total of 12,500 square feet of ground-floor commercial/retail space. The Proposed Project would generate the need of approximately 33 employees.[18] The proposed increase in housing units and population would be consistent with SCAG's forecast of approximately 426,000 additional households, approximately 837,500 persons, and 287,600 jobs in the City of Los Angeles between 2016 and 2045. As such, the Proposed Project would not cause growth (i.e., new housing) or accelerate development in an undeveloped area that exceeds projected/planned levels for the year of Proposed Project occupancy/buildout or that would result in an adverse physical change in the environment.

Applicable Policies Specified for the Project Area

The Proposed Project is consistent with SCAG's growth projections for the City, which supports the conclusion that the Proposed Project is consistent with SCAG policies. Refer Section 6, Sustainable Communities Environmental Assessment, 14. Population and Housing, for a discussion on the Proposed Project's consistency with SCAG's population and housing growth. The Proposed Project would be consistent with applicable goals and policies presented within SCAG's Connect SoCal. Refer to Table 3.2 below for the Proposed Project's consistency analysis.

[17] *Based on the U.S. Census Bureau, American Community Survey (ACS) PUMS database, the City of Los Angeles' citywide average population for multifamily housing is estimated to be 2.6 persons per household. (Jack Tsao, Department of City Planning Demographic Unit, March 2019).*

[18] *One employee would occupy approximately 383 square feet of retail space. Source: United States Green Building Council, Building Area Per Employee by Business Type, May 13, 2008.*

Table 3.2
Consistency Analysis with Connect SoCal
(2020-2045 Regional Transportation Plan / Sustainable Community Strategy)

Goals and Policies	Consistency Assessment
Connect SoCal Goal 1 Encourage regional economic prosperity and global competitiveness.	**Not Applicable.** This Goal is directed towards SCAG and the City of Los Angeles and not does apply to the Proposed Project.
Connect SoCal Goal 2 Improve mobility, accessibility, reliability, and travel safety for people and goods.	**Consistent.** The Project Site is located in a highly urbanized area within the City of Los Angeles within a High Quality Transit Area (as defined by SCAG). The Proposed Project would develop 363 dwelling units and 12,500 square feet of commercial/retail area within a HQTA as defined by SCAG and a transit priority area as defined by SB 743. The Project Site is located approximately 0.6 mile walking distance from the Pico Station and approximately 0.9 mile walking distance from the 7th Street/Metro Center Station. Additionally, the Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. The Proposed Project would provide residents, visitors, and patrons with convenient access to public transit and opportunities for walking and biking. The location of the Proposed Project encourages a variety of transportation options and access and is therefore consistent with this Goal.
Connect SoCal Goal 3 Enhance the preservation, security, and resilience of the regional transportation system.	**Not Applicable.** This goal is directed towards SCAG and does not apply to the Proposed Project. Nonetheless, Connect SoCal states, "A regional transportation system may be considered 'sustainable' if it maintains its overall performance over time in an equitable manner with minimal impact to the environment, while not compromising future transportation needs. Essentially, sustainability refers to how decisions made today impact future generations. One of the measures used to evaluate transportation system sustainability is the total inflation-adjusted cost per capita to maintain our existing regional multimodal transportation system in a state of good repair."[19] As discussed in the Proposed Project's Traffic Study (located in Appendix J of this SCEA), Proposed Project would result in a less than significant VMT impact. As such, the Project would not conflict with the RTP/SCS's goals and policies related to a sustainable regional transportation system.
Connect SoCal Goal 4 Increase person and goods movement and travel choices within the transportation system.	**Consistent.** The Proposed Project would improve the public sidewalks adjacent to Project Site and would include active ground floor uses to enhance the pedestrian experience and promote walkability. In addition, the Proposed Project would provide 195 bicycle spaces to promote travel by bicycle. The Project Site is located approximately 0.6 mile walking distance from the Pico Station and approximately 0.9

[19] *SCAG, Connect SoCal 2020-2045 RTP/SCS, September 2020 (page 135).*

Table 3.2
Consistency Analysis with Connect SoCal
(2020-2045 Regional Transportation Plan / Sustainable Community Strategy)

Goals and Policies	Consistency Assessment
	mile walking distance from the 7th Street/Metro Center Station. Additionally, the Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. The Proposed Project would provide residents and visitors with convenient access to public transit and opportunities for walking and biking. Furthermore, the Proposed Project would be subject to the site plan review requirements of the City of Los Angeles and work with the Department of Building and Safety and the Los Angeles Fire Department to ensure that all access roads, driveways and parking areas would not create a design hazard to local roadways.
Connect SoCal Goal 5 Reduce greenhouse gas emissions and improve air quality.	**Consistent.** The Proposed Project is an infill development in an area that promotes the use of a variety of transportation options, which includes walking, biking, and the use of public transportation. As discussed further in Section 6.III, Air Quality, construction and operational generated by the Proposed Project's construction and operational activities would not exceed the regional thresholds of significance set by the SCAQMD. Additionally, as further discussed in Sections 6.VI, Energy and 6.VIII, Greenhouse Gas Emissions, the Proposed Project would comply with all regulations and policies aimed at reducing energy and greenhouse gas emissions, reducing the reliance on fossil fuels, and promoting energy-efficiency standards and transportation. Therefore, the Proposed Project would not conflict with this Goal.
Connect SoCal Goal 6 Support healthy and equitable communities.	**Consistent.** The Proposed Project would place dwelling units and ground-floor commercial space in a Transit Priority Area. The Project Site's location near mass transit and proximity to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. The location of the Proposed Project promotes the use of a variety of transportation options, which includes walking, biking, and the use of public transportation. The Proposed Project would improve the public sidewalks adjacent to Project Site and would include active ground floor uses to enhance the pedestrian experience and promote walkability. In addition, the Proposed Project will provide 195 bicycle spaces to promote travel by bicycle. Thus, the Proposed Project would reduce vehicle-miles-traveled and help improve air quality. The Proposed Project supports active transportation.
Connect SoCal Goal 7 Adapt to a changing climate and support an integrated regional development pattern and transportation network.	**Consistent.** As stated above, the Project Site is located in a highly urbanized area near downtown Los Angeles within a HQTA (as defined by SCAG) and a

Table 3.2
Consistency Analysis with Connect SoCal
(2020-2045 Regional Transportation Plan / Sustainable Community Strategy)

Goals and Policies	Consistency Assessment
	Transit Priority Area (as defined by SB 743). The Project Site is located approximately 0.6 mile walking distance from the Pico Station and approximately 0.9 mile walking distance to the 7th Street/Metro Center Station. Additionally, the Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. The Proposed Project would provide residents, visitors, and patrons with convenient access to public transit and opportunities for walking and biking. The Proposed Project would develop dwelling units and commercial uses near mass transit and in close proximity to services, retail stores, and employment opportunities. The location of the Proposed Project encourages a variety of transportation options and access and is therefore consistent with this Goal.
Connect SoCal Goal 8 Leverage new transportation technologies and data-driven solutions that result in more efficient travel.	**Not Applicable.** This Goal is directed towards SCAG and the City of Los Angeles and does not apply to the Proposed Project. No further discussion is required.
Connect SoCal Goal 9 Encourage development of diverse housing types in areas that are supported by multiple transportation options.	**Consistent.** The Proposed Project includes 363 residential dwelling units and 12,500 square feet of commercial uses. Given the Proposed Project's location close to transit, the Proposed Project will encourage the utilization of transit as a mode of transportation to and from the Project area. Thus, the Proposed Project will contribute to the productivity and use of the regional transportation system by providing housing and jobs near transit. Moreover, as discussed in the Proposed Project's Supplemental VMT Analysis (located in Appendix J of this SCEA), the Proposed Project would not create a significant impact with respect to increased VMT.
Connect SoCal Goal 10 Promote conservation of natural and agricultural lands and restoration of habitats.	**Not Applicable.** This Goal is not applicable to the Proposed Project since the Project Site does not contain any natural or agricultural lands. No further discussion is required.
Connect SoCal Guiding Principal 1 Base transportation investments on adopted regional performance indicators and MAP-21/FAST Act regional targets.	**Not Applicable.** This Guiding Principal is directed towards SCAG and the City of Los Angeles and does not apply to the Proposed Project. No further discussion is required.
Connect SoCal Guiding Principal 2 Place high priority for transportation funding in the region on projects and programs that improve mobility, accessibility, reliability and safety, and that preserve the existing transportation system.	**Not Applicable.** This Guiding Principal is directed towards SCAG and the City of Los Angeles and does not apply to the Proposed Project. No further discussion is required.
Connect SoCal Guiding Principal 3 Assure that land use and growth strategies recognize local input, promote sustainable transportation options, and support equitable and adaptable communities.	**Consistent.** The Proposed Project would develop 363 dwelling units and 12,500 square feet of commercial/retail area within a HQTA and a TPA. The Project Site's location near mass transit and proximity to services, retail stores, and employment

Table 3.2
Consistency Analysis with Connect SoCal
(2020-2045 Regional Transportation Plan / Sustainable Community Strategy)

Goals and Policies	Consistency Assessment
	opportunities promotes a pedestrian-friendly environment. The location of the Proposed Project promotes the use of a variety of transportation options, which includes walking, biking, and the use of public transportation. The Proposed Project will encourage improved access and mobility by providing both residential and commercial uses on a single site. Thus, the Proposed Project is consistent with this guiding principle.
Connect SoCal Guiding Principal 4 Encourage RTP/SCS investments and strategies that collectively result in reduced non-recurrent congestion and demand for single occupancy vehicle use, by leveraging new transportation technologies and expanding travel choices.	**Not Applicable.** This Guiding Policy relates to SCAG goals in supporting investments and strategies to reduce congestion and the use of single occupant vehicles. Nevertheless, the Proposed Project is located within a HQTA and a TPA. The Proposed Project would support public transportation and other alternative methods of transportation (e.g., transit, walking and biking). Therefore, the Proposed Project would not conflict with this Guiding Policy.
Connect SoCal Guiding Principal 5 Encourage transportation investments that will result in improved air quality and public health, and reduced greenhouse gas emissions.	**Not Applicable.** This Guiding Principal is directed towards SCAG and the City of Los Angeles and does not apply to the Proposed Project. However, this relates to the Connect SoCal Goal 5, above. The Proposed Project is an infill development in an area that promotes the use of a variety of transportation options, which includes walking, biking and the use of public transportation. As discussed further in Section 6.III, Air Quality, air quality emissions generated by the Proposed Project's construction and operational activities would not exceed the regional thresholds of significance set by the SCAQMD. Additionally, as further discussed in Sections 6.VI, Energy, and 6.VIII, Greenhouse Gas Emissions, the Proposed Project would comply with all regulations and policies aimed at reducing energy consumption and greenhouse gas emissions, reducing the reliance on fossil fuels, and promoting energy-efficiency standards and transportation. Therefore, the Proposed Project would not conflict with this Guiding Policy.
Connect SoCal Guiding Principal 6 Monitor progress on all aspects of the Plan, including the timely implementation of projects, programs, and strategies.	**Not Applicable.** This Guiding Principal is directed towards SCAG and does not apply to the Proposed Project. No further discussion is required.
Connect SoCal Guiding Principal 7 Regionally, transportation investments should reflect best-known science regarding climate change vulnerability, in order to design for long term resilience.	**Not Applicable.** This Guiding Principal is directed towards SCAG and does not apply to the Proposed Project. No further discussion is required.

Table 3.2
Consistency Analysis with Connect SoCal
(2020-2045 Regional Transportation Plan / Sustainable Community Strategy)

Goals and Policies	Consistency Assessment
Connect SoCal Sustainable Communities Strategy 1 Focus Growth Near Destinations & Mobility Options	**Consistent.** As stated previously, the Proposed Project would develop 363 dwelling units and 12,500 square feet of commercial/retail area within a HQTA and a TPA, near downtown Los Angeles. The Project Site's location near mass transit and proximity to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. The location of the Proposed Project promotes the use of a variety of transportation options, which includes walking, biking, and the use of public transportation. The Proposed Project will encourage improved access and mobility by providing both residential and commercial uses on a single site. Thus, the Proposed Project is consistent with this strategy.
Connect SoCal Sustainable Communities Strategy 2 Promote Diverse Housing Choices	**Consistent.** The Proposed Project includes 363 residential dwelling units and 12,500 square feet of commercial uses. Of the 363 residential dwelling units, the unit mix would include 122 studio units, 133 one-bedroom units, 96 two-bedroom units, and 12 three-bedroom units. Further, the Proposed Project would locate multi-family residential and commercial in close proximity to public transportation, thus providing housing and jobs near transit. The Proposed Project would also include 183 residential bicycle parking spaces and 12 commercial bicycle parking spaces in compliance with LAMC requirements. Thus, development of the Proposed Project would support a reduction in greenhouse gas emissions. Moreover, as discussed in the Proposed Project's Supplemental VMT Analysis (located in Appendix J of this SCEA), the Proposed Project would not create a significant impact with respect to increased VMTs. Thus, the Proposed Project is consistent with this strategy.
Connect SoCal Sustainable Communities Strategy 3 Leverage Technology Innovations	**Not Applicable.** This strategy is directed towards SCAG and does not apply to the Proposed Project. No further discussion is required.
Connect SoCal Sustainable Communities Strategy 4 Support Implementation of Sustainability Policies	**Not Applicable.** This strategy is directed towards SCAG and does not apply to the Proposed Project. No further discussion is required.
Connect SoCal Sustainable Communities Strategy 5 Promote a Green Region	**Not Applicable.** This strategy is directed towards SCAG and does not apply to the Proposed Project. However, this relates to the Connect SoCal Goal 5, above. See response to Connect SoCal Goal 5 and Guiding Principal 5, above. No further discussion is required.

Source: Southern California Association of Governments, Connect SoCal (2020-2045 RTP/SCS), September 2020.

Consistency with Criterion #2:

The Proposed Project contains at least 50 percent residential use, based on total building square footage and, if the project contains between 26 percent and 50 percent non-residential uses, a floor area ratio of not less than 0.75.

The Proposed Project includes the construction of a total floor area of 343,447 square feet. The Proposed Project includes 363 dwelling units (which encompasses approximately 330,947 square feet of residential floor area), comprising 96 percent of the total floor area. The Proposed Project includes commercial/retail space (which encompasses approximately 12,500 square feet of non-residential uses), compromising approximately four percent of the total floor area. This results in a non-residential FAR of approximately 0.26:1. As such, the Proposed Project would be consistent with this Criterion.

Consistency with Criterion #3:

The Proposed Project provides a minimum net density of at least 20 units per acre.

The Project Site is approximately 1.12 acres before street easements and dedications. The Proposed Project includes 363 dwelling units; as such, the Proposed Project provides approximately 324 dwelling units per acre. As such, the Proposed Project would be consistent with this Criterion.

Consistency with Criterion #4:

The Proposed Project is within one-half mile of a Major Transit Stop or High-Quality Transit Corridor included in a regional transportation plan.

PRC Section 21155 (b) defines a "high-quality transit corridor" as a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours.

Public Resources Code Section 21099 defines a "transit priority area" as an area within one-half mile of a major transit stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." Public Resources Code Section 21064.3 defines "major transit stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." PRC Section 21155 (b) states that a "major transit stop" is defined in PRC Section 21064.3, except that, for purposes of Section 21155 (b), it also includes major transit stops that are included in the applicable regional transportation plan.

The roadways adjacent to the Project Site are served by several bus lines managed by multiple transit operators that include the Los Angeles County Metropolitan Transportation Authority (Metro), LADOT DASH and Commuter Express, Santa Monica Big Blue Bus (BBB), and the City of Gardena (GTrans). The Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less along Main Street, Los Angeles Street, Broadway, Pico Boulevard, and Olympic Boulevard. The bus lines within a "reasonable walking distance" (approximately one-quarter mile) of the Project include (2/302, 4, 10, 14, 37, 30/330, 33, 35, 38, 40, 45, 48, 55/355, 66, 70, 71, 76, 78, 79/378, 83, 90/91, 92, 94, 96, 733, 745, 770, and 794). The LADOT DASH line (DASH Downtown E) runs along Los Angeles Street, with the nearest bus stop located at E. 11th Street. Additionally, at further walking distances, the Project Site is located approximately 0.6 mile walking distance from the Pico Station and approximately 0.9 mile walking distance to the 7th Street/Metro Center Station. The Project Site's proximity to the Pico Rail Station and the 7th Street / Metro Center Station provide transfer opportunities to other Metro rail services, Amtrak, Metrolink, and numerous bus routes served by Metro, LADOT, and municipal bus operators. Due to its proximity to the aforementioned bus stops and rail stations, the Project Site is easily accessible and highly connected with the City of Los Angeles and the greater Los Angeles area. As such, Connect SoCal identifies the Project Site as being within a HQTA. Therefore, the Proposed Project is located within a high-quality transit corridor. The Proposed Project is consistent with this Criterion.

C. SB 375 Streamlining Benefits

Pursuant to Public Resources Code, Section §21155.2(a), if the Proposed Project incorporates all feasible mitigation measures, performance standards, or criteria set forth in the prior applicable environmental impact reports and adopted in findings made pursuant to PRC Section 21081, shall be eligible for either the provisions of subdivision (b) (sustainable communities' environmental assessment) or (c) (limited analysis EIR). The Proposed Project would follow subdivision (b), and the Proposed Project would be reviewed through a SCEA, which provides streamlining benefits.

PRC Section §21155.2(b) states that an initial study shall be prepared to identify all significant or potentially significant impacts of the transit priority project, other than those which do not need to be reviewed pursuant to Section 21159.28 based on substantial evidence in light of the whole record. The initial study shall identify any cumulative effects that have been adequately addressed and mitigated pursuant to the requirements of this division in prior applicable certified environmental impact reports. Where the lead agency determines that a cumulative effect has been adequately addressed and mitigated, that cumulative effect shall not be treated as cumulatively considerable. As such streamlining benefits include:

1. Cumulative effects that have been adequately addressed and mitigated in prior applicable certified environmental impact reports shall not be treated as cumulatively considerable for the Proposed Project (PRC Section §21155.2(b)(1));

2. Growth-inducing impacts are not required to be referenced, described, or discussed (PRC Section §21159.28(a));

3. Project-specific or cumulative impacts from cars and light-duty truck trips generated by the Proposed Project on global warming or the regional transportation network are not required to be referenced, described, or discussed (PRC Section §21159.28(a);

4. Reduced density alternatives are not required to be referenced, described, or discussed to address the effects of car and light-duty truck trips generated by the Proposed Project (Public Resources Code Section 21159.28(b)).

The City of Los Angeles, Department of City Planning would incorporate all applicable streamlining benefits in the environmental review of the Proposed Project.

D. Scope of Analysis

Pursuant to PRC Section §21155.2(b), the SCEA is required to identify all significant or potentially significant impacts of the transit priority project, other than those which do not need to be reviewed pursuant to Section 21159.28 based on substantial evidence in light of the whole record. The SCEA would also be required to identify any cumulative effects that have been adequately addressed and mitigated in prior applicable certified environmental impact reports. As such, the SCEA would analyze the following topics:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Wildfire
- Mandatory Findings of Significance

Section 4. Connect SoCal (2020-2045 RTP/SCS) Program EIR Mitigation Measures

A. Incorporation of Applicable Mitigation Measures from Prior EIRs

Public Resources Code Section 21151.2 requires that a Transit Priority Project incorporate all feasible mitigation measures, performance standards, or criteria from prior applicable EIRs, including the Connect SoCal Final Program Environmental Impact Report for Southern California Association of Governments dated May 2020 (RTP/SCS PEIR) and the September 2020 RTP/SCS PEIR Addendum.

The Mitigation Monitoring and Reporting Program for the Connect SoCal PEIR (SCAG MMRP) does not include project level mitigation measures that are required of the Proposed Project. The SCAG MMRP does provide a list of mitigation measures that SCAG determined a lead agency can and should consider, as applicable and feasible, where the agency has identified that a project has the potential for significant effects. The City has complied with PRC Section 21151.2 by reviewing all of the suggested mitigation measures in the SCAG MMRP and reviewed them for imposition on the Proposed Project. No mitigation measures were imposed if the Proposed Project was found to be in substantial compliance with the mitigation measure as proposed or if the SCAG MMRP mitigation measure was found not to be relevant. If the Proposed Project was not found to be in substantial compliance or the mitigation measure was found relevant, the City considered whether to use the SCAG MMRP mitigation measure or an equally effective City mitigation measure. The City's analysis is found in Table 4.1 below.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
Aesthetics *Scenic Vista/Scenic Resources*	Project-Level Mitigation Measure **MM-AES-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to address potential aesthetic impacts to scenic vistas, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Use a palette of colors, textures, building materials that are graffiti-resistant, and/or plant materials that complement the surrounding landscape and	**This Mitigation Measure is not relevant to the Proposed Project**. As set forth in Public Resources Code Section 21099, enacted by Senate Bill 743, provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." The Proposed Project is a mixed-use residential and commercial infill development project with

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	development. b) Use contour grading to better match surrounding terrain. Contour edges of major cut-and-fill to provide a more natural looking finished profile. c) Design new corridor landscaping to respect existing natural and man-made features and to complement the dominant landscaping of the surrounding areas. d) Replace and renew landscaping along corridors with road widenings, interchange projects, and related improvements. e) Retain or replace trees bordering highways, so that clear-cutting is not evident. f) Provide new corridor landscaping that respects and provides appropriate transition to existing natural and man-made features and is complementary to the dominant landscaping or native habitats of surrounding areas. g) Reduce the visibility of construction staging areas by fencing and screening these areas with low contrast materials consistent with the surrounding environment, and by revegetating graded slopes and exposed earth surfaces at the earliest opportunity; h) Use see-through safety barrier designed (e.g., railings rather than walls)	363 dwelling units and 12,500 square feet of commercial uses. The Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less along Main Street, Los Angeles Street, Broadway, Pico Boulevard, and Olympic Boulevard. The bus lines are operated by the Los Angeles County Metropolitan Transportation Authority (Metro), LADOT DASH and Commuter Express, Santa Monica BBB, and City of Gardena. The bus lines within a "reasonable walking distance" (approximately one-quarter mile) of the Project include (2/302, 4, 10, 14, 37, 30/330, 33, 35, 38, 40, 45, 48, 55/355, 66, 70, 71, 76, 78, 79/378, 83, 90/91, 92, 94, 96, 733, 745, 770, and 794). The LADOT DASH line (DASH Downtown E) runs along Los Angeles Street, with the nearest bus stop located at E. 11th Street. Additionally, at further walking distances, the Project Site is located approximately 0.6 mile walking distance from the Pico Station and approximately 0.9 mile walking distance to the 7th Street/Metro Center Station. Therefore, the Proposed Project is located in a Transit Priority Area (TPA) as defined in Public Resources Code Section 21099. The Proposed Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099.
Aesthetics *Visual Character/ Quality of Public Views, Conflicts with Zoning*	Project-Level Mitigation Measure **MM-AES-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to address potential aesthetic impacts that substantially degrade visual character, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Minimize contrasts in scale and massing between the projects and surrounding natural forms and development, minimize their intrusion into important viewsheds, and use contour grading to better match surrounding terrain in accordance with county and city hillside ordinances, where applicable. b) Design landscaping along highway corridors to add significant natural elements and visual interest to soften the hard-edged, linear transportation corridors. c) Require development of design guidelines for projects that make elements of proposed buildings/facilities visually compatible, or minimize visibility of changes in visual quality or character through use of hardscape and softscape solutions. Specific measures to be addressed include setback buffers, landscaping, color, texture, signage,	**This Mitigation Measure is not relevant to the Proposed Project.** As set forth immediately above, Public Resources Code Section 21099, enacted by Senate Bill 743, provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." As per ZI No. 2452 and SB 743, aesthetic impacts to visual character/quality "shall not be considered significant impacts on the environment." Nevertheless, with respect to construction impacts on the visual quality of the Project Site, the Applicant would incorporate PDF-AES-1, which would install temporary fencing around the perimeter of the Project Site for security purposes and block views of the Project Site from the pedestrian level. Installation of temporary fencing and compliance with applicable regulatory measures would further reduce visual impacts caused during construction of the Proposed Project. Implementation of RCM-AES-1 would ensure

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	and lighting criteria. d) Design projects consistent with design guidelines of applicable general plans. e) Require that sites are kept in a blight/nuisance-free condition. Remove blight or nuisances that compromise visual character or visual quality of project areas including graffiti abatement, trash removal, landscape management, maintenance of signage and billboards in good condition, and replace compromised native vegetation and landscape. f) Where sound walls are proposed, require sound wall construction and design methods that account for visual impacts as follows: o Use transparent panels to preserve views where sound walls would block views from residences; o Use landscaped earth berm or a combination wall and berm to minimize the apparent sound wall height; o Construct sound walls of materials whose color and texture complements the surrounding landscape and development; g) Design sound walls to increase visual interest, reduce apparent height, and be visually compatible with the surrounding area; and landscape the sound walls with plants that screen the sound wall, preferably with either native vegetation or landscaping that complements the dominant landscaping of surrounding areas.	compliance with LAMC Section 14.4.17 regarding maintaining the visibility of required signage and the removal of graffiti: **RCM-AES-1 Signage on Construction Barriers.** Pursuant to LAMC Section 14.4.17 requires that the exterior of all buildings and fences shall be free from graffiti when such graffiti is visible from a street or alley. The City also requires the Applicant to affix or paint a plainly visible sign, on publicly accessible portions of the construction barriers, with the following language: "POST NO BILLS." Such language shall appear at intervals of no less than 25 feet along the length of the publicly accessible portions of the barrier. The Applicant is responsible for maintaining the visibility of the required signage and for maintaining the construction barrier free and clear of any unauthorized signs within 24 hours of occurrence. **PDF-AES-1 Construction Barrier.** The Project shall install temporary fencing around the perimeter of the Project Site for security purposes and to block views of the Project Site from the pedestrian level. The Applicant shall ensure through daily visual inspections that no unauthorized materials are posted on any temporary construction barriers or temporary pedestrian walkways that are accessible/visible to the public, and that such temporary barriers and walkways are maintained in a visually attractive manner (i.e., free of unauthorized signs, trash, graffiti, etc.) throughout the duration of construction. Also, see discussion in Section 6.I, Aesthetics.
Aesthetics *Light/Glare/ Shade*	Project-Level Mitigation Measure **MM-AES-3:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to address potential aesthetic impacts that substantially degrade visual character, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Use lighting fixtures that are adequately shielded to a point below the light bulb and reflector and that prevent unnecessary glare onto adjacent properties. b) Restrict the operation of outdoor lighting for construction and operation activities to the hours of 7:00 a.m. to 10:00 p.m. c) Use high pressure sodium and/or cut-off fixtures instead of typical mercury-vapor fixtures for outdoor	**This Mitigation Measure is not relevant to the Proposed Project.** As set forth above, Public Resources Code Section 21099, enacted by Senate Bill 743, provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." As per ZI No. 2452 and SB 743, aesthetic impacts to light/glare/shade "shall not be considered significant impacts on the environment." Also, see discussion in Section 6.I, Aesthetics.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	lighting. d) Use unidirectional lighting to avoid light trespass onto adjacent properties. e) Design exterior lighting to confine illumination to the project site, and/or to areas which do not include light-sensitive uses. f) Provide structural and/or vegetative screening from light-sensitive uses. g) Shield and direct all new street and pedestrian lighting away from light-sensitive off-site uses. h) Use non-reflective glass or glass treated with a non-reflective coating for all exterior windows and glass used on building surfaces. i) Architectural lighting shall be directed onto the building surfaces and have low reflectivity to minimize glare and limit light onto adjacent properties.	
Agricultural Resources *Conversion of Farmland to Non-Agricultural Use*	Project-Level Mitigation Measure **MM-AG-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to address potential adverse effects on agricultural resources, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Require project sponsors to mitigate for loss of farmland by providing permanent protection of in-kind farmland in the form of easements, fees, or elimination of development rights/potential. b) Project relocation or corridor realignment to avoid Prime Farmland, Unique Farmland, or Farmland of Local or Statewide Importance. c) Maintain and expand agricultural land protections such as urban growth boundaries. d) Provide for mitigation fees to support a mitigation bank10 that invests in farmer education, agricultural infrastructure, water supply, marketing, etc. that enhance the commercial viability of retained agricultural lands. e) Minimize severance and fragmentation of agricultural land by constructing underpasses and overpasses at reasonable intervals to provide property access. f) Use berms, buffer zones, setbacks, and fencing to reduce conflicts between new development and farming uses and protect the functions of farmland.	**This Mitigation Measure is not relevant to the Proposed Project**. No farmland or agricultural activity exists on or in the vicinity of the Project Site. As noted above, the Project Site, as it currently exists, is fully developed with four commercial/retail buildings and a surface parking lot. Also, see discussion in Section 6.II, Agriculture and Forestry Resources.
Agricultural Resources *Zoning for Ag Use, Williamson Act Contract*	Project-Level Mitigation Measure **MM-AG-2:** Project level mitigation measures can and should be considered by Lead Agencies as applicable and feasible. Measures to reduce substantial adverse effects on Williamson Act contracts to the maximum extent practicable, as determined appropriate by each Lead Agency, may include the following, or other comparable measures: a) Project relocation or corridor realignment to avoid lands	**This Mitigation Measure is not relevant to the Proposed Project.** The Project Site is not zoned for agricultural production, there is no farmland on the Project Site, and there are no Williamson Act Contracts in effect for the Project Site. As noted above, the Project Site as it currently exists, is fully developed with four commercial/retail buildings and a surface parking lot.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	in Williamson Act contracts. b) Establish conservation easements consistent with the recommendations of the Department of Conservation, or 20-year Farmland Security Zone contracts (Government Code Section 51296 et seq.), 10-year Williamson Act contracts (Government Code Section 51200 et seq.), or use of other conservation tools available from the California Department of Conservation Division of Land Resource Protection.	Also, see discussion in Section 6.II, Agriculture and Forestry Resources.
Agricultural Resources *Conflict with Ag Zoning, Rezoning of Forest Land / Loss of Forest Land/ Conversion to Non-Forest Use*	Project-Level Mitigation Measure **MM-AG-3:** Project level mitigation measures can and should be considered by Lead Agencies as applicable and feasible. Measures to reduce substantial adverse effects, through the conversion of Farmland to maximum extent practicable, as determined appropriate by each Lead Agency, may include the following, or other comparable measures: a) Minimize construction related impacts to agricultural and forestry resources by locating materials and stationary equipment in such a way as to prevent conflict with agriculture and forestry resources.	**This Mitigation Measure is not applicable to the Proposed Project.** No farmland, forest land, or agricultural activity exists on or in the vicinity of the Project Site. The Project Site, as it currently exists, is fully developed with four commercial/retail buildings and a surface parking lot. Also, see discussion in Section 6.II, Agriculture and Forestry Resources.
Agricultural Resources *Conversion of Farmland to Non-Ag Use, Conversion of Forest land to Non-Forest Use*	Project-Level Mitigation Measure **MM-AG-4:** Project level mitigation measures can and should be considered by Lead Agencies as applicable and feasible. Measures to reduce substantial adverse effects, through the conversion of Farmland, to the maximum extent practicable, as determined appropriate by each Lead Agency, may include the following, or other comparable measures: a) Design proposed projects to minimize, to the greatest extent feasible, the loss of the highest valued agricultural land. b) Redesign project features to minimize fragmenting or isolating Farmland. Where a project involves acquiring land or easements, ensure that the remaining non-project area is of a size sufficient to allow economically viable farming operations. The project proponents shall be responsible for acquiring easements, making lot line adjustments, and merging affected land parcels into units suitable for continued commercial agricultural management. c) Reconnect utilities or infrastructure that serve agricultural uses if these are disturbed by project construction. If a project temporarily or permanently cuts off roadway access or removes utility lines, irrigation features, or other infrastructure, the project proponents shall be responsible for restoring access as necessary to ensure that economically viable farming operations are not interrupted. **MM-AG-5:** Project level mitigation measures can and should be considered by Lead Agencies as applicable and feasible. Measures to reduce substantial adverse effects, through the conversion of Farmland, to the maximum extent practicable, as determined appropriate by each Lead	**This Mitigation Measure is not applicable to the Proposed Project**. No farmland, forest land, or agricultural activity exists on or in the vicinity of the Project Site. The Project Site, as it currently exists, is fully developed with four commercial/retail buildings and a surface parking lot. Also, see discussion in Section 6.II, Agriculture and Forestry Resources.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	Agency, may include the following, or other comparable measures: a) Manage project operations to minimize the introduction of invasive species or weeds that may affect agricultural production on adjacent agricultural land. Where a project has the potential to introduce sensitive species or habitats or have other spill-over effects on nearby agricultural lands, the project proponents shall be responsible for acquiring easements on nearby agricultural land and/or financially compensating for indirect effects on nearby agricultural land. Easements (e.g., flowage easements) shall be required for temporary or intermittent interruption in farming activities (e.g., because of seasonal flooding or groundwater seepage). Acquisition or compensation would be required for permanent or significant loss of economically viable operations.	
Air Quality *Potential to Violate AQ Standard, Substantially Contribute to Existing, Projected Air Quality Violation / Cumulative Increase of Criteria Pollutant for Which Project is Non-Attainment / Expose Sensitive Receptors to Substantial Pollutant Concentrations*	Project-Level Mitigation Measure **MM-AQ-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to violating air quality standards. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Minimize land disturbance. b) Suspend grading and earth moving when wind gusts exceed 25 miles per hour unless the soil is wet enough to prevent dust plumes. c) Cover trucks when hauling dirt. d) Stabilize the surface of dirt piles if not removed immediately. e) Limit vehicular paths on unpaved surfaces and stabilize any temporary roads. f) Minimize unnecessary vehicular and machinery activities. g) Sweep paved streets at least once per day where there is evidence of dirt that has been carried on to the roadways. h) Revegetate disturbed land, including vehicular paths created during construction to avoid future off-road vehicular activities. i) On Caltrans projects, Caltrans Standard Specifications 10-Dust Control, 17-Watering, and 18-Dust Palliative shall be incorporated into project specifications. j) Require contractors to assemble a comprehensive inventory list (i.e., make, model, engine year, horsepower, emission rates) of all heavy-duty off-road (portable and mobile) equipment (50 horsepower and greater) that could be used an aggregate of 40 or more hours for the construction project. Prepare a plan for approval by the applicable air district	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures.** As discussed below in Section 6.III Air Quality, the Proposed Project would not generate construction or operational emissions that exceed the South Coast Air Quality Management District's (SCAQMD's) recommended regional thresholds of significance with implementation of the following regulatory compliance measures that have been identified by the California Air Resources Board (CARB), air district(s) and other agencies as set forth below, or other comparable measures, to facilitate consistency with plans for attainment of the National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS), as applicable and feasible. Although no mitigation is required, compliance with the below-listed regulatory compliance measures substantially conforms to this Mitigation Measure. **RCM-AQ-1 Site Clearing, Grading and Construction Activities.** Compliance with provisions of the SCAQMD District Rule 403. The project shall comply with all applicable standards of the Southern California Air Quality Management District, including the following provisions of District Rule 403: o All unpaved demolition and construction areas shall be wetted at least twice daily during excavation and construction, and temporary dust covers shall be used to reduce dust emissions

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	demonstrating achievement of the applicable percent reduction for a CARB-approved fleet. Daily logging of the operating hours of the equipment should also be required. k) Ensure that all construction equipment is properly tuned and maintained. l) Minimize idling time to 5 minutes or beyond regulatory requirements – saves fuel and reduces emissions. m) Provide an operational water truck on-site at all times. Use watering trucks to minimize dust; watering should be sufficient to confine dust plumes to the project work areas. Sweep paved streets at least once per day where there is evidence of dirt that has been carried on to the roadway. n) Utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary power generators. o) Develop a traffic plan to minimize traffic flow interference from construction activities. The plan may include advance public notice of routing, use of public transportation, and satellite parking areas with a shuttle service. Schedule operations affecting traffic for off-peak hours. Minimize obstruction of through-traffic lanes. Provide a flag person to guide traffic properly and ensure safety at construction sites. Project sponsors should consider developing a goal for the minimization of community impacts. p) As appropriate, require that portable engines and portable engine-driven equipment units used at the project work site, with the exception of on-road and off-road motor vehicles, obtain CARB Portable Equipment Registration with the state or a local district permit. Arrange appropriate consultations with the CARB or the District to determine registration and permitting requirements prior to equipment operation at the site. q) Require projects to use Tier 4 Final equipment or better for all engines above 50 horsepower (hp). In the event that construction equipment cannot meet to Tier 4 Final engine certification, the Project representative or contractor must demonstrate through future study with written findings supported by substantial evidence that is approved by SCAG before using other technologies/strategies. Alternative applicable strategies may include, but would not be limited to, construction equipment with Tier 4 Interim or reduction in the number and/or horsepower rating of construction equipment and/or limiting the number of construction equipment operating at the same time. All equipment must be tuned and maintained in compliance with the manufacturer's recommended maintenance schedule and specifications. All maintenance records for each equipment and their contractor(s) should make available for inspection and remain on-site for a period of at least two years from completion of construction, unless the individual project can demonstrate that Tier	and meet SCAQMD District Rule 403. Wetting could reduce fugitive dust by as much as 50 percent. o The construction area shall be kept sufficiently dampened to control dust caused by grading and hauling, and at all times provide reasonable control of dust caused by wind. o All clearing, earth moving, or excavation activities shall be discontinued during periods of high winds (i.e., greater than 15 mph), so as to prevent excessive amounts of dust. o All dirt/soil loads shall be secured by trimming, watering or other appropriate means to prevent spillage and dust. o All dirt/soil materials transported off-site shall be either sufficiently watered or securely covered to prevent excessive amount of dust. o General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions. o Trucks having no current hauling activity shall not idle but be turned off. **RCM-AQ-2** The Project shall comply with South Coast Air Quality Management District Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil, which sets requirements to control the emission of VOC from excavating, grading, handling and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition. **RCM-AQ-3** The Project shall comply with South Coast Air Quality Management District Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities, which specify work practice requirements to limit asbestos emissions from building demolition and renovation activities, including the removal and associated disturbance of asbestos-containing materials (ACM). **RCM-AQ-4** In accordance with Sections 2485 in Title 13 of the California Code of Regulations, the idling of all diesel fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location. **RCM-AQ-5** In accordance with Section 93115 in Title 17 of the California Code of Regulations, operation of any stationary, diesel-fueled,

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Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	4 engines would not be required to mitigate emissions below significance thresholds. Project sponsors should also consider including ZE/ZNE technologies where appropriate and feasible. r) Projects located within the South Coast Air Basin should consider applying for South Coast AQMD "SOON" funds which provides funds to applicable fleets for the purchase of commercially available low-emissions heavy-duty engines to achieve near-term reduction of NOx emissions from in-use off-road diesel vehicles. s) Projects located within AB 167 communities should review the applicable Community Emissions Reduction Plan (CERP) for additional mitigation that can be applied to individual projects. t) Where applicable, projects should provide information about air quality related programs to schools, including the Environmental Justice Community Partnerships (EJCP), Clean Air Ranger Education (CARE), and Why Air Quality Matters programs. u) Projects should work with local cities and counties to install adequate signage that prohibits truck idling in certain locations (e.g., near schools and sensitive receptors). v) As applicable for airport projects, the following measures should be considered: - Considering operational improvements to reduce taxi time and auxiliary power unit usage, where feasible. Additionally, consider single engine taxing, if feasible as allowed per Federal Aviation Administration guidelines. - Set goals to achieve a reduction in emissions from aircraft operations over the lifetime of the proposed project. - Require the use of ground service equipment (GSE) that can operate on battery-power. If electric equipment cannot be obtained, require the use of alternative fuel, the cleanest gasoline equipment, or Tier 4, at a minimum. w) As applicable for port projects, the following measures should be considered: - Develop specific timelines for transitioning to zero emission cargo handling equipment (CHE). - Develop interim performance standards with a minimum amount of CHE replacement each year to ensure adequate progress. - Use short side electric power for ships, which may include tugboats and other ocean-going vessels or develop incentives to gradually ramp up the usage of shore power. - Install the appropriate infrastructure to provide shore power to operate the ships. Electrical hookups should be appropriately sized. - Maximize participation in the Port of Los Angeles' Vessel Speed Reduction Program or the Port of Long Beach's Green Flag Initiation Program in	compression-ignition engines shall meet specified fuel and fuel additive requirements and emission standards. **RCM-AQ-6** The Project shall comply with South Coast Air Quality Management District Rule 1113 limiting the volatile organic compound content of architectural coatings. **RCM-AQ-7** The Project shall comply with South Coast Air Quality Management District Rule 1108 limiting the volatile organic compound content from cutback asphalt. **RCM-AQ-8** The Project shall install odor-reducing equipment in accordance with South Coast Air Quality Management District Rule 1138. **RCM-AQ-9** New on-site facility nitrogen oxide emissions shall be minimized through the use of emission control measures (e.g., use of best available control technology for new combustion sources such as boilers and water heaters) as required by South Coast Air Quality Management District Regulation XIII, New Source Review. Also, see discussion in Section 6.III, Air Quality.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	order to reduce the speed of vessel transiting within 40 nautical miles of Point Fermin. - Encourage the participation in the Green Ship Incentives. - Offer Incentives to encourage the use of on-dock rail. x) As applicable for rail projects, the following measures should be considered: - Provide the highest incentives for electric locomotives that meet Tier 4 emission standards. y) Projects that will introduce sensitive receptors within 500 feet of freeways and other sources should consider installing high efficiency or enhanced filtration units, such as Minimum Efficiency Reporting Value (MERV) 13 or better. Installation of enhanced filtration units can be verified during occupancy inspection prior to the issuance of an occupancy permit. z) Develop an ongoing monitoring, inspection, and maintenance program for the MERV filters. - Disclose potential health impacts to prospective sensitive receptors from living in close proximity to freeways or other sources of air pollution and the reduced effectiveness of air filtration systems when windows are open or residents are outside. - Identify the responsible implementing and enforcement agency to ensure that enhanced filtration units are installed on-site before a permit of occupancy is issued. - Disclose the potential increase in energy costs for running the HVAC system to prospective residents. - Provide information to residents on where MERV filters can be purchased. - Provide recommended schedule (e.g., every year or every six months) for replacing the enhanced filtration units. - Identify the responsible entity such as future residents themselves, Homeowner's Association, or property managers for ensuring enhanced filtration units are replaced on time. - Identify, provide, and disclose ongoing cost-sharing strategies, if any, for replacing the enhanced filtration units. - Set criteria for assessing progress in installing and replacing the enhanced filtration units; and - Develop a process for evaluating the effectiveness of the enhanced filtration units. aa) Consult the SCAG Environmental Justice Toolbox for potential measures to address impacts to low-income and/or minority communities. bb) The following criteria related to diesel emissions shall be implemented on by individual project sponsors as appropriate and feasible: • Diesel nonroad vehicles on site for more than 10 total days shall have either (1)	

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Topic	Measure	Applicability to the Project
	engines that meet EPA on road emissions standards or (2) emission control technology verified by EPA or CARB to reduce PM emissions by a minimum of 85%. • Diesel generators on site for more than 10 total days shall be equipped with emission control technology verified by EPA or CARB to reduce PM emissions by a minimum of 85%. • Nonroad diesel engines on site shall be Tier 2 or higher. • Diesel nonroad construction equipment on site for more than 10 totay days shall have either (1) engines meeting EPA Tier 4 nonroad emissions standards or (2) emission control technology verified by EPA or CARB for use with nonroad engines to reduce PM emissions by a minimum of 85% for engines for 50 hp and greater and by a minimum of 20% for engines less than 50 hp. • Emission control technology shall be operated, maintained, and serviced as recommended by the emission control technology manufacturer. • Diesel vehicles, construction equipment, and generators on site shall be fueled with ultra-low sulfur diesel fuel (ULSD) or a biodiesel blend approved by the original engine manufacturer with sulfur content of 15 ppm or less. • The construction contractor shall maintain a list of all diesel vehicles, construction equipment, and generators to be used on site. The list shall include the following: o Contractor and subcontractor name and address, plus contact person responsible for the vehicles or equipment. o Equipment type, equipment manufacturer, equipment serial number, engine manufacturer, engine model year, engine certification (Tier rating), horsepower, engine serial number, and expected fuel usage and hours of operation. o For the emission control	

Table 4.1
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Topic	Measure	Applicability to the Project
	technology installed: technology type, serial number, make, model, manufacturer, EPA/CARB verification number/level, and installation date and hour-meter reading on installation date. • The contractor shall establish generator sites and truck-staging zones for vehicles waiting to load or unload material on site. Such zones shall be located where diesel emissions have the least impacts on abutters, the general public, and especially sensitive receptors such as hospitals, schools, daycare facilities, elderly housing, and convalescent facilities. • The contractor shall maintain a monthly report that, for each on road diesel vehicle, nonroad construction equipment, or generator onsite, includes: o Hour-meter readings on arrival on-site, the first and last day of every month, and on off-site date. o Any problems with the equipment or emission controls. o Certified copies of fuel deliveries for the time period that identify: ▪ Source of supply ▪ Quantity of fuel ▪ Quantity of fuel, including sulfur content (percent by weight) cc) Project should exceed Title-24 Building Envelope Energy Efficiency Standards (California Building Standards Code). The following measures can be used to increase energy efficiency: • Install programmable thermostat timers • Obtain Third-party HVAC commissioning and verification of energy savings (to be grouped with exceedance of Title 24). • Install energy efficient appliances (Typical reductions for energy-efficient appliances can be found in the *Energy Star and Other Climate Protection Partnerships* Annual Reports.) • Install higher efficacy public street and area lighting • Limit outdoor lighting requirements • Replace traffic lights with LED traffic	

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Topic	Measure	Applicability to the Project
	lights • Establish onsite renewable or carbon neutral energy systems – generic, solar power and wind power • Utilize a combined heat and power system • Establish methane recovery in Landfills and Wastewater Treatment Plants. • Locate project near bike path/bike lane • Provide pedestrian network improvements, such as interconnected street network, narrower roadways and shorter block length, sidewalks, accessibility to transit and transit shelters, traffic calming measures, parks and public spaces, minimize pedestrian barriers. • Provide traffic calming measures, such as: o Marked crosswalks o Count-down signal timers o Curb extensions o Speed tables o Raised crosswalks o Raised intersections o Median islands o Tight corner radii o Roundabouts or mini-circles o On-street parking o Chicanes/chokers • Create urban non-motorized zones • Provide bike parking in non-residential and multi-unit residential projects • Dedicate land for bike trails • Limit parking supply through: o Elimination (or reduction) or minimum parking requirements o Creation of maximum parking requirements o Provision of shared parking • Require residential area parking permit. • Provide ride-sharing programs o Designate a certain percentage of parking spacing for ride sharing vehicles o Designating adequate passenger loading and unloading and waiting areas for ride-sharing vehicles	

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Topic	Measure	Applicability to the Project
	○ Providing a web site or messaging board for coordinating rides ○ Permanent transportation management association membership and finding requirement.	
Biological Resources *Adverse Effect on Candidate, Sensitive, or Special Status Species / Adverse Effect on Riparian Habitat or Other Sensitive Natural Community / Adverse Effect on Wetlands / Interfere with the Movement of Species / Conflict with Local Policies or Ordinances Protecting Biological Resources / Conflict with Habitat Conservation Plan, Natural Community Conservation Plan, or Other Conservation Plan*	Project-Level Mitigation Measure **MM-BIO-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to threatened and endangered species. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Require project design to avoid occupied habitat, potentially suitable habitat, and designated critical habitat, wherever practicable and feasible. b) Where avoidance is determined to be infeasible, provide conservation measures to fulfill the requirements of the applicable authorization for incidental take pursuant to Section 7 or 10(a) of the federal Endangered Species Act, Section 2081 of the California Endangered Species Act to support issuance of an incidental take permit, and/or as identified in local or regional plans. Conservation strategies to protect the survival and recovery of federally and state-listed endangered and local special status species may include: ○ Impact minimization strategies ○ Contribution of in-lieu fees for in-kind conservation and mitigation efforts ○ Use of in-kind mitigation bank credits ○ Funding of research and recovery efforts ○ Habitat restoration ○ Establishment of conservation easements ○ Permanent dedication of in-kind habitat c) Design projects to avoid desert native plants protected under the California Desert Native Plants Act, salvage and relocate desert native plants, and/or pay in lieu fees to support off-site long-term conservation strategies. d) Temporary access roads and staging areas will not be located within areas containing sensitive plants, wildlife species or non-native habitat wherever feasible, so as to avoid or minimize impacts to these species e) Develop and implement a Worker Awareness Program (environmental education) to inform project workers of their responsibilities to avoid and minimize impacts on sensitive biological resources. f) Retain a qualified botanist to document the presence or absence of special status plants before project	**This Mitigation Measure is not relevant to the Proposed Project.** The Project Site does not contain any critical habitat or support any species identified or designated as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. The Project Site is located in an urbanized area of the City. The Project Site is improved with four commercial/retail buildings and a paved surface parking lot. The Project Site is bordered by nine street trees, all of which would be removed and replaced. Nevertheless, the City has required the following regulatory compliance measures which are consistent with the RTP/SCS PEIR mitigation measures, as it is equal to or more effective than RTP/SCS PEIRMM-BIO-1. with regard to avoiding potentially significant effects related to nesting native birds that are in the jurisdiction and responsibility of the City: **RCM-BIO-1 Tree Removal (Public Right-of-Way).** Removal of trees in the public right-of-way requires approval by the Board of Public Works. The required Tree Report shall include the location, size, type, and condition of all existing trees in the adjacent public right-of-way and shall be submitted for review and approval by the Urban Forestry Division of the Bureau of Street Services, Department of Public Works. The plan shall contain measures recommended by the tree expert for the preservation of as many trees as possible. The number, type and size of replacement trees to be provided in the public right-of-way shall be provided per the current Urban Forestry Division standards and to the satisfaction of the Department of Public Works. **RCM-BIO-2 Habitat Modification (Nesting Native Birds).** Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season

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Topic	Measure	Applicability to the Project
	implementation. g) Appoint a qualified biologist to monitor construction activities that may occur in or adjacent to occupied sensitive species' habitat to facilitate avoidance of resources not permitted for impact. h) Appoint a qualified biologist to monitor implementation of mitigation measures. i) Schedule construction activities to avoid sensitive times for biological resources (e.g., steelhead spawning periods during the winter and spring, nesting bird season) and to avoid the rainy season when erosion and sediment transport is increased. j) Develop an invasive species control plan associated with project construction k) If construction occurs during breeding seasons in or adjacent to suitable habitat, include appropriate sound attenuation measures required for sensitive avian species and other best management practices appropriate for potential local sensitive wildlife l) Conduct pre-construction surveys to delineate occupied sensitive species' habitat to facilitate avoidance. m) Where projects are determined to be within suitable habitat and may impact listed or sensitive species that have specific field survey protocols or guidelines outlined by the USFWS, CDFW, or other local agency, conduct preconstruction surveys that follow applicable protocols and guidelines and are conducted by qualified and/or certified personnel. n) Project design should address the protection of habitat on both sides of a freeway to improve effectiveness of the crossings. o) Project sponsors shall consider the impacts of nitrogen deposition on sensitive species.	which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86). If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall: o Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work. o If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31. o Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area. o The Applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project Also, see discussion in Section 6.III, Biological Resources.

Table 4.1
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Topic	Measure	Applicability to the Project
Biological Resources *Adverse Effect on Riparian Habitat or Other Sensitive Natural Community / Adverse Effect on Wetlands / Interfere with the Movement of Species / Conflict with Local Policies or Ordinances Protecting Biological Resources / Conflict with Habitat Conservation Plan, Natural Community Conservation Plan, or Other Conservation Plan*	Project-Level Mitigation Measure **MM-BIO-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to riparian habitats and other sensitive natural communities. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Consult with the USFWS and NMFS where such state-designated sensitive or riparian habitats provide potential or occupied habitat for federally listed rare, threatened, and endangered species afforded protection pursuant to the federal ESA. b) Consult with the USFS where such state-designated sensitive or riparian habitats provide potential or occupied habitat for federally listed rare, threatened, and endangered species afforded protection pursuant to the federal ESA and any additional species afforded protection by an adopted Forest Land Management Plan or Resource Management Plan for the four national forests in the six-county area: Angeles, Cleveland, Los Padres, and San Bernardino. c) Consult with the CDFW where such state-designated sensitive or riparian habitats provide potential or occupied habitat for state-listed rare, threatened, and endangered species afforded protection pursuant to the California ESA, or Fully-Protected Species afforded protection pursuant to the State Fish and Game Code. d) Consult with the CDFW pursuant to the provisions of Section 1600 of the State Fish and Game Code as they relate to Lakes and Streambeds. e) Consult with the USFWS, USFS, CDFW, and counties and cities in the SCAG region, where state-designated sensitive or riparian habitats are occupied by birds afforded protection pursuant to the MBTA during the breeding season. f) Consult with the CDFW for state-designated sensitive or riparian habitats where fur-bearing mammals, afforded protection pursuant to the provisions of the State Fish and Game Code for fur-beaming mammals, are actively using the areas in conjunction with breeding activities. g) Require project design to avoid sensitive natural communities and riparian habitats, wherever practicable and feasible. Where practicable and feasible, require upland buffers that sufficiently minimize impacts to riparian corridors. h) Where avoidance is determined to be infeasible, develop sufficient conservation measures through coordination with local agencies and the regulatory agency (i.e., USFWS or CDFW) to protect sensitive natural communities and riparian habitats and develop	**This Mitigation Measure is not relevant to the Proposed Project.** The Project Site does not contain any critical habitat or support any species identified or designated as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. The Project Site is located in an urbanized area of the City. The Project Site is improved with four commercial/retail buildings and a paved surface parking lot. Also, see discussion in Section 6.III, Biological Resources.

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
	appropriate compensatory mitigation, where required. i) Appoint a qualified wetland biologist to monitor construction activities that may occur in or adjacent to sensitive communities. j) Appoint a qualified wetland biologist to monitor implementation of mitigation measures. k) Schedule construction activities to avoid sensitive times for biological resources and to avoid the rainy season when erosion and sediment transport is increased. l) When construction activities require stream crossings, schedule work during dry conditions and use rubber-wheeled vehicles, when feasible. Have a qualified wetland scientist determine if potential project impacts require a Notification of Lake or Streambed Alteration to CDFW during the planning phase of projects. m) Consult with local agencies, jurisdictions, and landowners where such state-designated sensitive or riparian habitats are afforded protection pursuant an adopted regional conservation plan. n) Install fencing and/or mark sensitive habitat to be avoided during construction activities. o) Salvage and stockpile topsoil (the surface material from 6 to 12 inches deep) and perennial native plants, when recommended by the qualified wetland biologist, for use in restoring native vegetation to areas of temporary disturbance within the project area. Salvage of soils containing invasive species, seeds and/or rhizomes will be avoided as identified by the qualified wetland biologist. p) Revegetate with appropriate native vegetation following the completion of construction activities, as identified by the qualified wetland biologist. q) Complete habitat enhancement (e.g., through removal of non-native invasive wetland species and replacement with more ecologically valuable native species). r) Use Best Management Practices (BMPs) at construction sites to minimize erosion and sediment transport from the area. BMPs include encouraging growth of native vegetation in disturbed areas, using straw bales or other silt-catching devices, and using settling basins to minimize soil transport.	
Biological Resources *Adverse Effect on Wetlands / Interfere with the Movement of Species / Conflict with Local Policies or Ordinances Protecting*	Project-Level Mitigation Measure See **MM-BIO-1** and **MM-BIO-2**. **MM-BIO-3:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to wetlands. Such measures may include the following or other comparable measures identified by the Lead Agency:	**This Mitigation Measure is not relevant to the Proposed Project.** The Project Site is not located on protected wetlands that are in the jurisdiction and responsibility of the U.S. Army Corps of Engineers, public agencies and/or Lead Agencies. Also, see discussion in Section 6.III, Biological

Table 4.1
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Topic	Measure	Applicability to the Project
Biological Resources / Conflict with Habitat Conservation Plan, Natural Community Conservation Plan, or Other Conservation Plan	a) Require project design to avoid federally protected aquatic resources consistent with the provisions of Section 404 and 401 of the CWA, wherever practicable and feasible. b) Where the Lead Agency has identified that a project, or other regionally significant project, has the potential to impact other wetlands or waters, such as those considered Waters Of the State of California under the State Wetland Definition and Procedures for Dischargers of Dredged or Fill Material to Waters of the State, not protected under Section 404 or 401 of the CWA, seek comparable coverage for these wetlands and waters in consultation with the SWRCB, applicable RWQCB, and CDFW. c) Where avoidance is determined to be infeasible, develop sufficient conservation measures to fulfill the requirements of the applicable authorization for impacts to federally and state protected aquatic resource to support issuance of a permit under Section 404 of the CWA as administered by the USACE. The use of an authorized Nationwide Permit or issuance of an individual permit requires the project applicant to demonstrate compliance with the USACE's Final Compensatory Mitigation Rule. The USACE reviews projects to ensure environmental impacts to aquatic resources are avoided or minimized as much as possible. Consistent with the administration's performance standard of "no net loss of wetlands" a USACE permit may require a project proponent to restore, establish, enhance or preserve other aquatic resources in order to replace those affected by the proposed project. This compensatory mitigation process seeks to replace the loss of existing aquatic resource functions and area. Project proponents required to complete mitigation are encouraged to use a watershed approach and watershed planning information. The new rule establishes performance standards, sets timeframes for decision making, and to the extent possible, establishes equivalent requirements and standards for the three sources of compensatory mitigation: o Permitee-responsible mitigation o Contribution of in-kind-in-lieu fees o Use of in-kind mitigation bank credits o Where avoidance is determined to be infeasible and d) Where avoidance is determined to be infeasible and proposed projects' impacts exceed an existing Nationwide Permit (NWP) and/or California SWRCB-certified NWP, or applicable County Special Area Management Plan (SAMP), the lead agency should provide USACE and SWRCB (where applicable) an alternative analysis consistent with the Least Environmentally Damaging Practicable Alternatives in this order of priorities:	Resources.

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Topic	Measure	Applicability to the Project
	○ Avoidance ○ Impact Minimization ○ On-site alternatives ○ Off-site alternatives e) Require review of construction drawings by a certified wetland delineator as part of each project-specific environmental analysis to determine whether aquatic resources will be affected and, if necessary, perform a formal wetland delineation.	
Biological Resources *Interfere with the Movement of Species / Conflict with Local Policies or Ordinances Protecting Biological Resources / Conflict with Habitat Conservation Plan, Natural Community Conservation Plan, or Other Conservation Plan*	Project-Level Mitigation Measure See **MM-BIO-1** through **MM-BIO-3**. **MM-BIO-4:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to wildlife movement. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Consult with the USFS where impacts to migratory wildlife corridors may occur in an area afforded protection by an adopted Forest Land Management Plan or Resource Management Plan for the four national forests in the six-County area: Angeles, Cleveland, Los Padres, and San Bernardino. b) Consult with counties, cities, and other local organizations when impacts may occur to open space areas that have been designated as important for wildlife movement related to local ordinances or conservation plans. c) Prohibit construction activities within 500 feet of occupied breeding areas for wildlife afforded protection pursuant to Title 14 § 460 of the California Code of Regulations protecting fur-bearing mammals, during the breeding season. d) Conduct a survey to identify active raptor and other migratory nongame bird nests by a qualified biologist at least two weeks before the start of construction at project sites from February 1 through August 31. e) Prohibit construction activities with 300 feet of occupied nest of birds afforded protection pursuant to the Migratory Bird Treaty Act, during the breeding season. f) Ensure that suitable nesting sites for migratory nongame native bird species protected under the Migratory Bird Treaty Act and/or trees with unoccupied raptor nests should only be removed prior to February 1 or following the nesting season. g) When feasible and practicable, proposed projects will be designed to minimize impacts to wildlife movement and habitat connectivity and preserve existing and functional wildlife corridors. h) Conduct site-specific analyses of opportunities to preserve or improve habitat linkages with areas on- and off-site.	**This Mitigation Measure is not relevant to the Proposed Project.** The Project Site is not located within or adjacent to migratory fish, wildlife species, or established native resident and/or migratory wildlife corridors, and native wildlife nursery sites. The Project Site is improved with four commercial/retail buildings and a paved surface parking lot and located in an urbanized area of the City. Also, see discussion in Section 6.III, Biological Resources.

Table 4.1
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Topic	Measure	Applicability to the Project
	i) Long linear projects with the possibility of impacting wildlife movement should analyze habitat linkages/wildlife movement corridors on a broad scale to avoid critical narrow choke points that could reduce function of recognized movement corridor. j) Require review of construction drawings and habitat connectivity mapping by a qualified biologist to determine the risk of habitat fragmentation. k) Pursue mitigation banking to preserve habitat linkages and corridors (opportunities to purchase, maintain, and/or restore offsite habitat). l) When practicable and feasible design projects to promote wildlife corridor redundancy by including multiple connections between habitat patches. m) Evaluate the potential for installation of overpasses, underpasses, and culverts to create wildlife crossings in cases where a roadway or other transportation project may interrupt the flow of species through their habitat. Retrofitting of existing infrastructure in project areas should also be considered for wildlife crossings for purposes of mitigation. n) Install wildlife fencing where appropriate to minimize the probability of wildlife injury due to direct interaction between wildlife and roads or construction. o) Where avoidance is determined to be infeasible, design sufficient conservation measures through coordination with local agencies and the regulatory agency (i.e., USFWS or CDFW) and in accordance with the respective counties and cities general plans to establish plans to mitigate for the loss of fish and wildlife movement corridors and/or wildlife nursery sites. The consideration of conservation measures may include the following measures, in addition to the measures outlined in **MM-BIO-1** where applicable: o Wildlife movement in buffer zones o Corridor realignment o Appropriately spaced breaks in center barriers o Stream rerouting o Culverts o Creation of artificial movement corridors such as freeway under- or overpasses o Other comparable measures p) Where the Lead Agency has identified that a RTP/SCS project, or other regionally significant project, has the potential to impact other open space or nursery site areas, seek comparable coverage for these areas in consultation with the USFWS, CDFW, NMFS, or other local jurisdictions. q) Incorporate applicable and appropriate guidance (e.g., FHWA-HEP-16-059), as well as best management practices, to benefit pollinators with a focus on native plants. r) Implement berms and sound/sight barriers at all wildlife crossings to encourage wildlife to utilize crossings. Sound and lighting should also be minimized in	

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Topic	Measure	Applicability to the Project
	developed areas, particularly those that are adjacent to or go through natural habitats. s) Reduce lighting impacts on sensitive species through implementation of mitigation measures such as, but not limited to: - Use high pressure sodium and/or cut-off fixtures instead of typical mercury-vapor fixtures for outdoor lighting. - Design exterior lighting to confine illumination to the project site - Provide structural and/or vegetative screening from light-sensitive uses. - Use non-reflective glass or glass treated with a non-reflective coating for all exterior windows and glass used on building surfaces. - Architectural lighting shall be directed onto the building surfaces and have low reflectivity to minimize glare and limit light onto adjacent properties. t) Reduce noise impacts to sensitive species through implementation of mitigation measures such as, but not limited to: - Install temporary noise barriers during construction. - Include permanent noise barriers and sound-attenuating features as part of the project design. Barriers could be in the form of outdoor barriers, sound walls, buildings, or earth berms to attenuate noise at adjacent sensitive uses. - Ensure that construction equipment are properly maintained per manufacturers' specifications and fitted with the best available noise suppression devices (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds silencers, wraps). All intake and exhaust ports on power equipment shall be muffled or shielded. - Use hydraulically or electrically powered tools (e.g., jack hammers, pavement breakers, and rock drills) for project construction to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools in unavoidable, an exhaust muffler on the compressed air exhaust should be used; this muffler can lower noise levels from the exhaust by up to about 10 dBA. Quieter procedures should be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures. - Using rubberized asphalt or "quiet pavement" to reduce road noise for new roadway segments, roadways in which widening or other modifications require re-pavement, or normal reconstruction of roadways where re-pavement is planned.	

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Topic	Measure	Applicability to the Project
	- Use equipment and trucks with the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds, whenever feasible) for project construction. - Use techniques such as grade separation, buffer zones, landscaped berms, dense plantings, sound walls, reduced-noise paving materials, and traffic calming measures. u) Require large buffers between sensitive uses and freeways. v) Create corridor redundancy to help retain functional connectivity and resilience.	
Biological Resources *Conflict with Local Policies or Ordinances Protecting Biological Resources / Conflict with Habitat Conservation Plan, Natural Community Conservation Plan, or Other Conservation Plan*	Project-Level Mitigation Measure See **MM-BIO-1** through **MM-BIO-4**. **MM-BIO-5:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce conflicts with local policies and ordinances protecting biological resources. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Consult with the appropriate local agency responsible for the administration of the policy or ordinance protecting biological resources. b) Prioritize retention of trees on-site consistent with local regulations. Provide adequate protection during the construction period for any trees that are to remain standing, as recommended by an International Society of Arboriculture (ISA) certified arborist. c) If specific project area trees are designated as "Protected Trees," "Landmark Trees," or "Heritage Trees," obtain approval for encroachment or removals through the appropriate entity, and develop appropriate mitigation measures at that time, to ensure that the trees are replaced. Mitigation trees shall be locally collected native species, as directed by a qualified biologist. d) Appoint an ISA certified arborist to monitor construction activities that may occur in areas with trees are designated as "Protected Trees," "Landmark Trees," or "Heritage Trees," to facilitate avoidance of resources not permitted for impact. Before the start of any clearing, excavation, construction or other work on the site, securely fence off every protected tree deemed to be potentially endangered by said site work. Keep such fences in place for duration of all such work. Clearly mark all trees to be removed. e) Establish a scheme for the removal and disposal of logs, brush, earth and other debris that will avoid injury to any protected tree. Where proposed development or other site work could encroach upon the protected perimeter of any protected tree, incorporate special measures to allow the roots to	**This Mitigation Measure is not relevant to the Proposed Project.** The Project Site is completely paved and developed, and no significant vegetation exists, including protected trees. No protected biological resources or tree species, such as oak trees, currently exist on the Project Site. Per the Tree Report prepared by The Tree Resource on October 18, 2018, there are nine (9) trees in the right-of-way adjacent to the Project Site: eight (8) trees along Main Street and one (1) tree along 12th Street. None of these trees are protected by the City's Protected Tree Ordinance. As such, none of the Mitigation Measures that pertain to local policies or ordinances protecting biological resources, such as the City of Los Angeles Protected Tree Ordinance, are applicable.

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Topic	Measure	Applicability to the Project
	breathe and obtain water and nutrients. Minimize any excavation, cutting, filing, or compaction of the existing ground surface within the protected perimeter. Require that no change in existing ground level occur from the base of any protected tree at any time. Require that no burning or use of equipment with an open flame occur near or within the protected perimeter of any protected tree. f) Require that no storage or dumping of oil, gas, chemicals, or other substances that may be harmful to trees occur from the base of any protected trees, or any other location on the site from which such substances might enter the protected perimeter. Require that no heavy construction equipment or construction materials be operated or stored within a distance from the base of any protected trees. Require that wires, ropes, or other devices not be attached to any protected tree, except as needed for support of the tree. Require that no sign, other than a tag showing the botanical classification, be attached to any protected tree. g) Thoroughly spray the leaves of protected trees with water periodically during construction to prevent buildup of dust and other pollution that would inhibit leaf transpiration, as directed by the certified arborist. h) If any damage to a protected tree should occur during or as a result of work on the site, the appropriate local agency will be immediately notified of such damage. If, such tree cannot be preserved in a healthy state, as determined by the certified arborist, require replacement of any tree removed with another tree or trees on the same site deemed adequate by the local agency to compensate for the loss of the tree that is removed. Remove all debris created as a result of any tree removal work from the property within two weeks of debris creation, and such debris shall be properly disposed of in accordance with all applicable laws, ordinances, and regulations. Design projects to avoid conflicts with local policies and ordinances protecting biological resources i) Where avoidance is determined to be infeasible, sufficient conservation measures to fulfill the requirements of the applicable policy or ordinance shall be developed, such as to support issuance of a tree removal permit. The consideration of conservation measures may include: ○ Avoidance strategies ○ Contribution of in-lieu fees ○ Planting of replacement trees ○ Re-landscaping areas with native vegetation post-construction ○ Other comparable measures developed in consultation with local agency and certified arborist.	

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
Biological Resources *Conflict with Habitat Conservation Plan, Natural Community Conservation Plan, or Other Conservation Plan*	Project-Level Mitigation Measure See **MM-BIO-1** through **MM-BIO-5**. **MM-BIO-6:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects on HCPs and NCCPs. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Consult with the appropriate federal, state, and/or local agency responsible for the administration of HCPs or NCCPs. b) Wherever practicable and feasible, the project shall be designed to avoid lands preserved under the conditions of an HCP or NCCP. c) Where avoidance is determined to be infeasible, sufficient conservation measures to fulfill the requirements of the HCP and/or NCCP, which would include but not be limited to applicable authorization for incidental take pursuant to Section 7 or 10(a) of the federal Endangered Species Act or Section 2081 of the California ESA, shall be developed to support issuance of an incidental take permit or any other permissions required for development within the HCP/NCCP boundaries. The consideration of additional conservation measures would include the measures outlined in **SMM-BIO-2**, where applicable.	**This Mitigation Measure is not relevant to the Proposed Project**. No locally designated natural communities are known to occur on or adjacent to the Project Site. Therefore, none of the Mitigation Measures that pertain to Habitat Conservation Plans or Natural Community Conservation Plans are applicable to the Proposed Project.
Cultural Resources *Substantial Adverse Change in Significance of Historical Resource / Substantial Adverse Change in the Significance of Archaeological Resource*	Project-Level Mitigation Measure **MM-CULT-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to human remains. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Pursuant to CEQA Guidelines Section 15064.5, conduct a record search at the appropriate Information Center to determine whether the project area has been previously surveyed and whether historic resources were identified. b) During the project planning phase, retain a qualified architectural historian, defined as an individual who meets the Secretary of the Interior's (SOI) Professional Qualification Standards (PQS) in Architectural History, to conduct historic architectural surveys if a built environment resource greater than 45 years in age may be affected by the project or if recommended by the Information Center. c) Comply with Section 106 of the National Historic Preservation Act (NHPA) including, but not limited to, projects for which federal funding or approval is required for the individual project. This law requires	**The Proposed Project would substantially conform to this Mitigation Measure through compliance with regulatory compliance measures.** The Project does not involve and will not affect any historic resources. According to the Historic Resource Assessment prepared by Historic Preservation Consulting (see Appendix C.1 of this SCEA), all four buildings on the Project Site do not meet the criteria thresholds required for eligibility in the National Register of Historic Places or the California Register of Historic Resources. The nearest historic resources include the Herald-Examiner Building at 1111 South Broadway and the Commercial Club Building at 1100 South Broadway, approximately 205 feet northwest of the Project Site and 105 feet north of the Project Site, respectively. The Proposed Project would have no direct impacts on these two historic buildings. There are no historical resources on the Project Site, and no historic resources would be demolished, destroyed, altered, or relocated as a result of the Proposed Project. The Proposed Project does not abut any historic resources and would not result in a substantial adverse change

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Topic	Measure	Applicability to the Project
	federal agencies to evaluate the impact of their actions on resources included in or eligible for listing in the National Register. Federal agencies must coordinate with the State Historic Preservation Officer in evaluating impacts and developing mitigation. These mitigation measures may include, but are not limited to the following: o Employ design measures to avoid historical resources and undertake adaptive reuse where appropriate and feasible. If resources are to be preserved, as feasible, carry out the maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation or reconstruction in a manner consistent with the Secretary of the Interior's Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings. If resources would be impacted, impacts should be minimized to the extent feasible. o Where feasible, noise buffers/walls and/or visual buffers/landscaping should be constructed to preserve the contextual setting of significant built resources. d) If a project requires the relocation, rehabilitation, or alteration of an eligible historical resource, the Secretary of the Interior's Standards for the Treatment of Historic Properties should be used to the maximum extent possible to ensure the historical significance of the resource is not impaired. The application of the standards should be overseen by an architectural historian or historic architect meeting the SOI PQS. Prior to any construction activities that may affect the historical resource, a report, meeting industry standards, should identify and specify the treatment of character-defining features and construction activities and be provided to the Lead Agency for review and approval. e) If a project would result in the demolition or significant alteration of a historical resource eligible for or listed in the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), or local register, recordation should take the form of Historic American Buildings Survey (HABS), Historic American Engineering Record (HAER), or Historic American Landscape Survey (HALS) documentation, and should be performed by an architectural historian or historian who meets the SOI PQS. Recordation should meet the SOI Standards and Guidelines for Architectural and Engineering, which defines the products acceptable for inclusion in the HABS/HAER/HALS collection at the Library of Congress. The specific scope and details of documentation should be developed at the project level in coordination with the Lead Agency. f) During the project planning phase, obtain a qualified archaeologist, defined as one who meets the SOI PQS for archaeology, to conduct a record search at	to the immediate surroundings of these two historic buildings such that they would no longer be eligible for listing under national, state, or local landmark designation programs. Further, it is not anticipated that the Project Site contains significant archaeological resources. The Project Site has been previously developed and graded, and the Project Site and immediate surrounding areas do not contain any known archaeological resources. This is supported by the Archaeological Resource Assessment prepared by Dudek (see Appendix C.2 to this SCEA) and a Tribal Cultural Resources Report prepared by Dudek (see Appendix K to this SCEA), both of which concluded from a California Historical Resources Information System (CHRIS) records search and through a Native American Heritage Commission Sacred Lands File review request that there is no substantial evidence to support a conclusion that the Proposed Project would have a significant impact on archaeological resources or tribal cultural resources, respectively. However, if an unexpected discovery should occur, compliance with the following regulatory compliance measure is consistent with the SCAG RTP/SCS Program EIR MM-CULT-1 in avoiding potential impacts to inadvertent finds of historic or archeological cultural resources: **RCM-CR-1 Archaeological.** In the event that archaeological resources (sites, features, artifacts, or fossilized material) are exposed during construction activities for the proposed Project, all construction work occurring within 100 feet of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Depending upon the significance of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing, or data recovery may be warranted. Compliance with the above-listed regulatory compliance measure substantially conforms to this Mitigation Measure and would reduce any potentially significant impacts. Also, see discussion regarding Tribal Cultural

Table 4.1
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Topic	Measure	Applicability to the Project
	the appropriate Information Center of the California Historical Resources Information System (CHRIS) to determine whether the project area has been previously surveyed and whether resources were identified. g) Contact the NAHC to request a Sacred Lands File search and a list of relevant Native American contacts who may have additional information. h) During the project planning phase, obtain a qualified archaeologist or architectural historian (depending on applicability) to conduct archaeological and/or historic architectural surveys as recommended by the qualified professional, the Lead Agency, or the Information Center. In the event the records indicate that no previous survey has been conducted, the qualified professional or Information Center will make a recommendation on whether a survey is warranted based on the sensitivity of the project area for archaeological resources. i) If potentially significant archaeological resources are identified through survey, and impacts to these resources cannot be avoided, a Phase II Testing and Evaluation investigation should be performed by a qualified archaeologist prior to any construction-related ground-disturbing activities to determine significance. If resources determined significant or unique through Phase II testing, and avoidance is not possible, appropriate resource-specific mitigation measures should be established by the lead agency and undertaken by qualified personnel. These might include a Phase III data recovery program implemented by a qualified archaeologist and performed in accordance with the OHP's Archaeological Resource Management Reports (ARMR): Recommended Contents and Format and Guidelines for Archaeological Research Designs. Additional options can include 1) interpretative signage, or 2) educational outreach that helps inform the public of the past activities that occurred in this area. Should the project require extended Phase I testing, Phase II evaluation, or Phase III data recovery, a Native American representative traditionally affiliated with the project area, as indicated by the NAHC, shall be given the opportunity to provide a representative or monitor to assist with the archaeological assessments. The long-term disposition of archaeological materials collected from a significant resource should be determined in consultation with the affiliated tribe(s), where relevant; this could include curation with a recognized scientific or educational repository, transfer to the tribe, or respectful reinternment in an area designated by the tribe. j) If a record search or archaeological assessment indicates that the project is located in an area sensitive for archaeological resources, as determined	Resources in Section 6.XVIII.

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Topic	Measure	Applicability to the Project
	by the Lead Agency in consultation with a qualified archaeologist, retain an archaeological monitor to observe ground disturbing operations, including but not limited to grading, excavation, trenching, or removal of existing features of the subject property. The archaeological monitor should be supervised by an archaeologist meeting the SOI PQS k) Conduct construction activities and excavation to avoid cultural resources (if identified). If avoidance is not feasible, further work may be needed to determine the importance of a resource. Retain a qualified archaeologist, and/or as appropriate, a qualified architectural historian who should make recommendations regarding the work necessary to assess significance. If the cultural resource is determined to be significant under state or federal guidelines, impacts to the cultural resource will need to be mitigated. l) Stop construction activities and excavation in the area where cultural resources are found until a qualified archaeologist can determine whether these resources are significant. If the archaeologist determines that the discovery is significant, it should be curated with a recognized scientific or educational repository, transfer to the tribe, or respectful reinternment in an area designated by the tribe.	
Cultural Resources *Disturb Human Remains, Those Interred Outside Cemeteries*	Project-Level Mitigation Measure **MM-CULT-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to historical resources. Such measures may include the following or other comparable measures identified by the Lead Agency: In the event of discovery or recognition of any human remains during construction or excavation activities associated with the project, in any location other than a dedicated cemetery, cease further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until the coroner of the county in which the remains are discovered has been informed and has determined that no investigation of the cause of death is required. b) If any discovered remains are of Native American origin: o Contact the County Coroner to contact the NAHC to designate a Native American Most Likely Descendant (MLD). The MLD should make a recommendation to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods. This may include obtaining a qualified archaeologist or team of archaeologists to properly	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures.** The Project Site has been previously developed and graded, and the Project Site and immediate surrounding areas do not contain any known archaeological resources. This is supported by the Archaeological Resource Assessment prepared by Dudek (see Appendix C.2 to this SCEA) and a Tribal Cultural Resources Report prepared by Dudek (see Appendix K to this SCEA), both of which concluded from a California Historical Resources Information System (CHRIS) records search and through a Native American Heritage Commission Sacred Lands File review request that there is no substantial evidence to support a conclusion that the Proposed Project would have a significant impact on archaeological resources or tribal cultural resources, respectively. However, if an unexpected discovery should occur, compliance with the following regulatory compliance measure is capable of avoiding or reducing significant impacts on historical resources within the jurisdiction and responsibility of the Office of Historical Preservation, Native American Heritage Commission, other public agencies, and/or Local

Table 4.1
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Topic	Measure	Applicability to the Project
	excavate the human remains. o If the NAHC is unable to identify a MLD, or the MLD fails to make a recommendation within 48 hours after being notified by the commission, or the landowner or his representative rejects the recommendation of the MLD and the mediation by the NAHC fails to provide measures acceptable to the landowner, obtain a culturally affiliated Native American monitor, and an archaeologist, if recommended by the Native American monitor, and rebury the Native American human remains and any associated grave goods, with appropriate dignity, on the property and in a location that is not subject to further subsurface disturbance.	Agencies: **RCM-CR-2 (Human Remains):** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed: o Stop immediately and contact the County Coroner: 1104 N. Mission Road Los Angeles, CA 90033 323-343-0512 (8 a.m. to 5 p.m. Monday through Friday) or 323-343-0714 (After Hours, Saturday, Sunday, and Holidays) o If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC). o The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American. o The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods. o If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.
Geology and Soils *Result in Substantial Soil Erosion or Loss of Topsoil*	Project-Level Mitigation Measure **MM-GEO-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to historical resources. Such measures may include the following or other comparable measures identified by the Leady Agency: a) Consistent with the CBC and local regulatory agencies with oversight of development associated with the Plan, ensure that site-specific geotechnical investigations conducted by a qualified geotechnical expert are conducted to ascertain soil types prior to preparation of project designs. These investigations can and should identify areas of potential failure and recommend remedial geotechnical measures to eliminate any problems. b) Consistent with the requirements of the State	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures.** This is supported by the Geotechnical Investigation prepared by Geotechnologies, Inc., (see Appendix E.1 of this SCEA), which concluded that neither soil nor geologic conditions were encountered during the investigation that would preclude the construction of the Proposed Project, provided the recommendations presented in the Geotechnical Investigation were followed and implemented during design and construction. The Proposed Project would comply with the recommendations of the Geotechnical Investigation. Additionally, the Proposed Project would be required to comply with current engineering standards and the conditions

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Topic	Measure	Applicability to the Project
	Water Resources Control Board (SWRCB) for projects over one acre in size, obtain coverage under the General Construction Activity Storm Water Permit (General Construction Permit) issued by the SWRCB and prepare a stormwater pollution prevention plan (SWPPP) and submit the plan for review and approval by the Regional Water Quality Control Board (RWQCB). At a minimum, the SWPPP should include a description of construction materials, practices, and equipment storage and maintenance; a list of pollutants likely to contact stormwater; site-specific erosion and sedimentation control practices; a list of provisions to eliminate or reduce discharge of materials to stormwater; best management practices (BMPs); and an inspection and monitoring program. c) Consistent with the requirements of the SWRCB and local regulatory agencies with oversight of development associated with the Plan, ensure that project designs provide adequate slope drainage and appropriate landscaping to minimize the occurrence of slope instability and erosion. Design features should include measures to reduce erosion caused by storm water. Road cuts should be designed to maximize the potential for revegetation. d) Consistent with the CBC and local regulatory agencies with oversight of development associated with the Plan, ensure that, prior to preparing project designs, new and abandoned wells are identified within construction areas to ensure the stability of nearby soils.	contained within the Department of Building and Safety's Geology and Soils Report Approval Letter for the Proposed Project, as it may be subsequently amended or modified (see Section 6.VII, Geology and Soils, of this SCEA). Further, the Proposed Project is subject to the following regulatory compliance measures, which are capable of avoiding or reducing the significant effects on the potential for projects to result in substantial soil erosion or the loss of topsoil, that are in the jurisdiction and responsibility of public agencies, regulatory agencies, and/or Lead Agencies: **RCM-GEO-1 Geology (Erosion/Grading/Short-Term Construction Impacts).** The Applicant shall provide a staked signage at the site with a minimum of 3-inch lettering containing contact information for the Senior Street Use Inspector (Department of Public Works), the Senior Grading Inspector (LADBS) and the hauling or general contractor. **RCM-GEO-2 Geology (Erosion/Grading/Short-Term Construction Impacts).** Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. The Applicant shall implement Best Management Practices ("BMPs") during grading and excavation to reduce erosion, including, but not limited to the following: o Excavation and grading activities shall be scheduled during dry weather periods to the extent practical. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity. o Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer. **See also RCM-HYD-1 (National Pollutant Discharge Elimination System General Permit).**
Geology and Soils *Directly or Indirectly Destroy Unique*	Project-Level Mitigation Measure **MM-GEO-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should	**The Proposed Project would substantially conform to this Mitigation Measure through compliance with regulatory compliance**

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Topic	Measure	Applicability to the Project
Paleontological Resource or Site or Unique Geologic Feature	consider mitigation measures to reduce substantial adverse effects related to paleontological resources. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Ensure compliance with the Paleontological Resources Preservation Act, the Federal Land Policy and Management Act, the Antiquities Act, Section 5097.5 of the Public Resources Code (PRC), adopted county and city general plans, and other federal, state and local regulations, as applicable and feasible, by adhering to and incorporating the performance standards and practices from the 2010 Society for Vertebrate Paleontology (SVP) standard procedures for the assessment and mitigation of adverse impacts to paleontological resources. b) Obtain review by a qualified paleontologist (e.g. who meets the SVP standards for a Principal Investigator or Project Paleontologist or the Bureau of Land Management (BLM) standards for a Principal Investigator), to determine if the project has the potential to require ground disturbance of parent material with potential to contain unique paleontological or resources, or to require the substantial alteration of a unique geologic feature. The assessment should include museum records searches, a review of geologic mapping and the scientific literature, geotechnical studies (if available), and potentially a pedestrian survey, if units with paleontological potential are present at the surface. c) Avoid exposure or displacement of parent material with potential to yield unique paleontological resources. d) Where avoidance of parent material with the potential to yield unique paleontological resources is not feasible: 1) All on-site construction personnel receive Worker Education and Awareness Program (WEAP) training prior to the commencement of excavation work to understand the regulatory framework that provides for protection of paleontological resources and become familiar with diagnostic characteristics of the materials with the potential to be encountered. 2) A qualified paleontologist prepares a Paleontological Resource Management Plan (PRMP) to guide the salvage, documentation and repository of unique paleontological resources encountered during construction. The PRMP should adhere to and incorporate the performance standards and practices from the 2010 SVP Standard procedures for the assessment and mitigation of	**measures.** It is not anticipated that the Project Site contains unique paleontological resources or sites and unique geologic features. The Project Site and immediate surrounding areas do not contain any unique geologic features or known vertebrate paleontological resources. This is supported by correspondence received from the Natural History Museum of Los Angeles County (see Appendix E.2 of this SCEA), which concluded in the Paleontological Records Search that no vertebrate fossil localities lie directly within the Project Site boundaries. Younger Quaternary Alluvium surface deposits are present on the Project Site, which usually do not contain significant fossil vertebrates in the upper layers. The Proposed Project does not propose subterranean levels, but it will disturb a few feet below the ground surface in order to build proper building foundations. If unexpected discovery should occur, compliance with the following regulatory compliance measure, which is capable of avoiding or reducing significant impacts on unique paleontological resources or sites or unique geologic features, are equal to or more effective than this mitigation measure: **RCM-GEO-3 Paleontological.** Under California Public Resources Code Sections 5097.5 and 30244, if any paleontological materials are encountered during the course of project development, all further development activities shall halt and: • The services of a paleontologist shall then be secured by contacting the Center for Public Paleontology - USC, UCLA, California State University Los Angeles, California State University Long Beach, or the Los Angeles County Natural History Museum - who shall assess the discovered material(s) and prepare a survey, study or report evaluating the impact. • The paleontologist's survey, study or report shall contain a recommendation(s), if necessary, for the preservation, conservation, or relocation of the resource. • The applicant shall comply with the recommendations of the evaluating paleontologist, as contained in the survey, study or report. • Project development activities may

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Topic	Measure	Applicability to the Project
	adverse impacts to paleontological resources. If unique paleontological resources are encountered during construction, use a qualified paleontologist to oversee the implementation of the PRMP. 3) Monitor ground disturbing activities in parent material, with a moderate to high potential to yield unique paleontological resources using a qualified paleontological monitor meeting the standards of the SVP or the BLM to determine if unique paleontological resources are encountered during such activities, consistent with the specified or comparable protocols. 4) Identify where ground disturbance is proposed in a geologic unit having the potential for containing fossils and specify the need for a paleontological monitor to be present during ground disturbance in these areas. e) Avoid routes and project designs that would permanently alter unique geological features. f) Salvage and document adversely affected resources sufficient to support ongoing scientific research and education. g) Significant recovered fossils should be prepared to the point of curation, identified by qualified experts, listed in a database to facilitate analysis, and deposited in a designated paleontological curation facility. h) Following the conclusion of the paleontological monitoring, the qualified paleontologist should prepare a report stating that the paleontological monitoring requirement has been fulfilled and summarize the results of any paleontological finds. The report should be submitted to the lead CEQA and the repository curating the collected artifacts, and should document the methods and results of all work completed under the PRMP, including treatment of paleontological materials, results of specimen processing, analysis, and research, and final curation arrangements.	resume once copies of the paleontological survey, study or report are submitted to the Los Angeles County Natural History Museum. Compliance with the above-listed regulatory compliance measure substantially conforms to this Mitigation Measure and would reduce any potentially significant impacts.
<u>Greenhouse Gases</u> *Directly or Indirectly Generate GHG Emissions that May Have Significant Impact on Environment / Conflict with Applicable Plan, Policy, Regulation*	<u>Project-Level Mitigation Measure</u> **MM-GHG-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to greenhouse gas emissions. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Integrate green building measures consistent with CALGreen (California Building Code Title 24), local building codes and other applicable laws, into	**The Project already substantially complies with this Mitigation Measure through project design features and compliance with regulatory compliance measures**. It incorporates the following project design features and is subject to various regulatory compliance measures, that are capable of avoiding or reducing the potential to conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emission of greenhouse gases that are within the jurisdiction

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Topic	Measure	Applicability to the Project
	project design including: i. Use energy efficient materials in building design, construction, rehabilitation, and retrofit. ii. Install energy-efficient lighting, heating, and cooling systems (cogeneration); water heaters; appliances; equipment; and control systems. iii. Reduce lighting, heating, and cooling needs by taking advantage of light-colored roofs, trees for shade, and sunlight. iv. Incorporate passive environmental control systems that account for the characteristics of the natural environment. v. Use high-efficiency lighting and cooking devices. vi. Incorporate passive solar design. vii. Use high-reflectivity building materials and multiple glazing. viii. Prohibit gas-powered landscape maintenance equipment. ix. Install electric vehicle charging stations. x. Reduce wood burning stoves or fireplaces. xi. Provide bike lanes accessibility and parking at residential developments b) Reduce emissions resulting from projects through implementation of project features, project design, or other measures, such as those described in Appendix F of the State CEQA Guidelines. c) Include off-site measures to mitigate a project's emissions. d) Measures that consider incorporation of Best Available Control Technology (BACT) during design, construction and operation of projects to minimize GHG emissions, including but not limited to: i. Use energy and fuel-efficient vehicles and equipment; ii. Deployment of zero- and/or near zero emission technologies; iii. Use lighting systems that are energy efficient, such as LED technology; iv. Use the minimum feasible amount of GHG-emitting construction materials; v. Use cement blended with the maximum feasible amount of flash or other materials that reduce GHG emissions from cement production; vi. Incorporate design measures to reduce GHG emissions from solid waste management through encouraging solid waste recycling and reuse; vii. Incorporate design measures to reduce energy consumption and increase use of renewable energy' viii. Incorporate design measures to reduce water consumption; ix. Use lighter-colored pavement where feasible;	and authority of CARB, local air districts, and/or Lead Agencies. Such features and measures include the following: **RCM-GHG-1** The Project must meet Title 24 2016 standards and include ENERGY STAR appliances. Energy Star-rated appliances would reduce the projects energy demand during the operational life of the multi-family dwelling units. **RCM-GHG-2** The Project is subject to construction and demolition waste recycling of at least 65 percent, per Section 4.408.1 of Title 24 Part 11, California Green Building Standards Code (CALGreen). In addition, Project Site operations are subject to AB 939 requirements to divert 50 percent of solid waste to landfills through source reduction, recycling, and composting. Finally, the Project is required by the California Solid Waste Reuse and Recycling Access Act of 1991 to provide adequate storage areas for collection and storage of recyclable waste materials. **RCM-GHG-3** As mandated by the LA Green Building Code, the Project is required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development by at least 20 percent. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs. **RCM-GHG-4** The Project must comply with the electric vehicle ready and electric vehicle charging requirements set forth in Ordinance No. 186,485. **RCM-GHG-5** Greenhouse Gas Emissions (Green Building Code): In accordance with the City of Los Angeles Green Building Code (Chapter IX, Article 9, of the Los Angeles Municipal Code), the Project shall comply with all applicable mandatory provisions of the Los Angeles Green Code and as it may be subsequently amended or modified. **RCM-GHG-6** The Project shall comply with City Ordinance No. 184,248 (effective June 2016) amended provisions of Articles 4 and 9 of Chapter IX of the LAMC which establish citywide water efficiency standards and require water-saving systems and technologies in buildings and landscapes to conserve and

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Topic	Measure	Applicability to the Project
	x. Recycle construction debris to maximum extent feasible; xi. Plant shade trees in or near construction projects where feasible; and xii. Solicit bids that include concepts listed above. e) Measures that encourage transit use, carpooling, bike-share and car-share programs, active transportation, and parking strategies, including, but not limited to the following: i. Promote transit-active transportation coordinated strategies; ii. Increase bicycle carrying capacity on transit and rail vehicles; iii. Improve or increase access to transit; iv. Increase access to common goods and services, such as groceries, schools, and day care; v. Incorporate affordable housing into the project; vi. Incorporate the neighborhood electric vehicle network; vii. Orient the project toward transit, bicycle and pedestrian facilities; viii. Improve pedestrian or bicycle networks, or transit service; ix. Provide traffic calming measures; x. Provide bicycle parking; xi. Limit or eliminate park supply through: o Elimination (or reduction) of minimum parking requirements o Creation of maximum parking requirements o Provision of shared parking. xii. Unbundle parking costs; xiii. Provide parking cash-out programs; xiv. Implement or provide access to commute reduction program; f) Incorporate bicycle and pedestrian facilities into project designs, maintaining these facilities, and providing amenities incentivizing their use; and planning for and building local bicycle projects that connect with the regional network; g) Improving transit access to rail and bus routes by incentives for construction of transit facilities within developments, and/or providing dedicated shuttle service to transit stations; and h) Adopting employer trip reduction measures to reduce employee trips such as vanpool and carpool programs, providing end-of-trip facilities, and telecommuting programs including but not limited to measures that: i. Provide car-sharing, bike sharing programs; ii. Provide transit passes; iii. Shift single occupancy vehicle trips to	reduce water usage. Indoor Water Use. Pursuant to Section 99.04.303.4 of the LAMC, a 20% reduction in the overall use of potable water within a building shall be provided. The reduction shall be based on the maximum allowable water use per plumbing fixture and fittings as required by the Los Angeles Building Standards. Outdoor Water Use. Pursuant to Section 99.04.304.1, a water budget shall be developed for landscape irrigation use that conforms to the local water efficient landscape ordinance or to the California Department of Water Resources' Model Water Efficient Landscape Ordinance, whichever is more stringent. Additionally, in new residential construction or building addition or alteration over 500 square feet of cumulative landscaped area, install irrigation controllers and sensors which include the criteria specified in Section 99.04.304.2 and meet manufacturer's recommendations. Furthermore, outdoor water metering, swimming pool covers, and exterior faucets are regulated under the LAMC Section 99.04.304 for outdoor water usage.

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
	carpooling or vanpooling, for example providing ride-matching services; iv. Provide incentives or subsidies that increase the use of modes other than single-occupancy vehicles; v. Provide on-site amenities at places of work, such as priority parking for carpools and vanpools, secure bike parking, and showers and locker rooms; vi. Provide employee transportation coordinators at employment sites; vii. Provide a guaranteed ride home service to users of non-auto modes. i) Designate a percentage of parking spaces for ride-sharing vehicles or high-occupancy vehicles, and provide adequate passenger loading and unloading for those vehicles; j) Land use siting and design measures that reduce GHG emissions, including: i. Developing on infill and brownfield sites; ii. Building compact and mixed-use developments near transit; iii. Retaining on-site mature trees and vegetation, and planting new canopy trees; iv. Measures that increase vehicle efficiency, encourage use of zero and low emissions vehicles, or reduce the carbon content of fuels, including constructing or encouraging construction of electric vehicle charging stations or neighborhood electric vehicle networks, or charging for electric bicycles; and v. Measures to reduce GHG emissions from solid waste management through encouraging solid waste recycling, composting, and reuse. k) Consult the SCAG Environmental Justice Toolbox for potential measures to address impacts to low-income and/or minority communities. The measures provided above are also intended to be applied in low income and minority communities as applicable and feasible. l) Require at least five percent of all vehicle parking spaces include electric vehicle charging stations, or at a minimum, require the appropriate infrastructure to facilitate sufficient electric charging for passenger vehicles and trucks to plug-in. m) Encourage telecommuting and alternative work schedules, such as: i. Staggered starting times ii. Flexible schedules iii. Compressed work weeks n) Implement commute trip reduction marketing, such as: i. New employee orientation of trip	

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
	reduction and alternative mode options ii. Event promotions iii. publications o) Implement preferential parking permit program p) Implement school pool and bus programs q) Price workplace parking, such as: i. Explicitly charging for parking for its employees; ii. Implementing above market rate pricing; iii. Validating parking only for invited guests; iv. Not providing employee parking and transportation allowances; and v. Educating employers about available alternatives.	
Hazards and Hazardous Materials *Significant Hazard due to Routine Transport, Use, or Disposal of Hazardous Materials / Reasonably Foreseeable Upset and Accident Conditions, Hazardous Emissions or Materials Near School*	Project-Level Mitigation Measure **MM-HAZ-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to the routine transport, use, or disposal of hazardous materials, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Where the construction or operation of projects involves the transport of hazardous material, provide a written plan of proposed routes of travel demonstrating use of roadways designated for the transport of such materials. b) Specify Project requirements for interim storage and disposal of hazardous materials during construction and operation. Storage and disposal strategies must be consistent with applicable federal, state, and local statutes and regulations. Specify the appropriate procedures for interim storage and disposal of hazardous materials, anticipated to be required in support of operations and maintenance activities, in conformance with applicable federal, state, and local statutes and regulations, in the business plan for projects as applicable and appropriate. c) Submit a Hazardous Materials Business/Operations Plan for review and approval by the appropriate local agency. Once approved, keep the plan on file with the Lead Agency (or other appropriate government agency) and update, as applicable. The purpose of the Hazardous Materials Business/Operations Plan is to ensure that employees are adequately trained to handle the materials and provides information to the local fire protection agency should emergency response be required. The Hazardous Materials Business/Operations Plan should include the following: o The types of hazardous materials or chemicals stored and/or used on-site, such as petroleum fuel products, lubricants, solvents, and cleaning fluids. o The location of such hazardous materials.	**The Project already substantially complies with this Mitigation Measure through compliance with regulatory compliance measures**. The City imposes the following regulatory compliance measures regarding methane mitigation, which is consistent with the RTP/SCS PEIR Mitigation Measures as they are capable of avoiding or reducing the significant effects related to a project placed on a hazardous materials site, that are in the jurisdiction and responsibility of regulatory agencies, other public agencies and/or Lead Agencies: **RCM-HAZ-1 Asbestos**. Due to the age of the building(s) being demolished, toxic and/or hazardous construction materials may be located in the structure(s). Exposure to such materials during demolition or construction activities could be hazardous to the health of the demolition workers, as well as area residents, employees, and future occupants. Prior to the issuance of any permit for the demolition or alteration of the existing structure(s), the Applicant shall provide a letter to the Department of Building and Safety from a qualified asbestos abatement consultant indicating that no Asbestos-Containing Materials (ACM) are present in the building. If ACMs are found to be present, it will need to be abated in compliance with the South Coast Air Quality Management District's Rule 1403 as well as all other applicable State and Federal rules and regulations. **RCM-HAZ-2 Methane Mitigation System.** The Proposed Project shall provide a methane mitigation system as required by Table 71 in Section 2. Division 71 of Article 1, Chapter IX of the Los Angeles Municipal Code based on the

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
	○ An emergency response plan including employee training information. ○ A plan that describes the way these materials are handled, transported and disposed. d) Follow manufacturer's recommendations on use, storage, and disposal of chemical products used in construction. e) Avoid overtopping construction equipment fuel gas tanks. f) Properly contain and remove grease and oils during routine maintenance of construction equipment. g) Properly dispose of discarded containers of fuels and other chemicals. h) Prior to shipment remove the most volatile elements, including flammable natural gas liquids, as feasible. i) Identify and implement more stringent tank car safety standards. j) Improve rail transportation route analysis, and modification of routes based on that analysis. k) Use best available inspection equipment and protocols and implement positive train control. l) Reduce train car speeds to 40 miles per hour when passing through urbanized areas of any size. m) Limit storage of crude oil tank cars in urbanized areas of any size and provide appropriate security in storage yards for all shipments. n) Notify in advance county and city emergency operations offices of all crude oil shipments, including a contact number that can provide real-time information in the event of an oil train derailment or accident. o) Report quarterly hazardous commodity flow information, including classification and characterization of materials being transported, to all first response agencies (49 Code Fed. Regs. 15.5) along the mainline rail routes used by trains carrying crude oil identified. p) Fund training and outfitting emergency response crews that includes the cost of backfilling personnel while in training. q) Undertake annual emergency responses scenario/field based training including Emergency Operations Center Training activations with local emergency response agencies.	Site Design Level I. In addition, a Phase I Environmental Site Assessment (ESA) and Phase II ESA were conducted at the Project Site to determine the presence or likelihood of hazardous substances on the property (see Appendices G.1 and G.4 of this SCEA). The Phase I ESA concluded that there was potential for hazardous materials to impact the property subsurface due to former auto repair operations at the Project Site. Therefore, a Phase II ESA was conducted to evaluate whether the former auto repair operation had significantly impacted the subsurface of the Project Site. No volatile organic compounds (VOCs) were detected in any soil vapor samples taken and analyzed. As such, the Phase II ESA concluded that there was no threat to human health or the environment, and no further assessment of Project Site features was necessary.
Hazards and Hazardous Materials *Accidental release of hazardous materials*	Project-Level Mitigation Measure **PMM HAZ-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the State CEQA Guidelines, a Lead Agency for a project can and should consider mitigation measures to reduce hazards related to the reasonably foreseeable upsets and accidents involving the release of hazardous materials, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: Require implementation of safety standards regarding transport of hazardous materials, including but not limited to the following: a) Removal of the most volatile elements, including flammable natural gas liquids, prior to shipment;	**The Project already substantially complies with this Mitigation Measure through compliance with regulatory compliance measures.** It is subject to various regulatory compliance measures, that are capable of reducing hazards related to the reasonably foreseeable upsets and accidents involving the release of hazardous materials. Such features and measures include the following: **RCM-HAZ-1 Asbestos**. Due to the age of the building(s) being demolished, toxic and/or hazardous construction materials may be

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
	b) More stringent tank car safety standards; c) Improved rail transportation route analysis, and modification of routes based on that analysis; d) Utilization of the best available inspection equipment and protocols, and implementation of positive train control; e) Reduced train car speeds to 40 miles per hour when passing through urbanized areas of any size; f) Limitations on storage of hazardous materials tank cars in urbanized areas of any size and provide appropriate security in storage yards for all shipments; g) Advance notification to county and city emergency operations offices of all crude oil and hazardous materials shipments, including a contact number that can provide real-time information in the event of an oil train derailment or accident; h) Quarterly hazardous commodity flow information, including classification and characterization of materials being transported, to all first response agencies (49 Code Fed. Regs.15.5) along the mainline rail routes used by trains carrying hazardous materials.	located in the structure(s). Exposure to such materials during demolition or construction activities could be hazardous to the health of the demolition workers, as well as area residents, employees, and future occupants. Prior to the issuance of any permit for the demolition or alteration of the existing structure(s), the Applicant shall provide a letter to the Department of Building and Safety from a qualified asbestos abatement consultant indicating that no Asbestos-Containing Materials (ACM) are present in the building. If ACMs are found to be present, it will need to be abated in compliance with the South Coast Air Quality Management District's Rule 1403 as well as all other applicable State and Federal rules and regulations. **RCM-HAZ-2 Methane Mitigation System.** The Proposed Project shall provide a methane mitigation system as required by Table 71 in Section 2. Division 71 of Article 1, Chapter IX of the Los Angeles Municipal Code based on the Site Design Level I. In addition, a Phase I Environmental Site Assessment (ESA) and Phase II ESA were conducted at the Project Site to determine the presence or likelihood of hazardous substances on the property (see Appendices G.1 and G.4 of this SCEA). The Phase I ESA concluded that there was potential for hazardous materials to impact the property subsurface due to former auto repair operations at the Project Site. Therefore, a Phase II ESA was conducted to evaluate whether the former auto repair operation had significantly impacted the subsurface of the Project Site. No volatile organic compounds (VOCs) were detected in any soil vapor samples taken and analyzed. As such, the Phase II ESA concluded that there was no threat to human health or the environment, and no further assessment of Project Site features was necessary.
Hazards and Hazardous Materials *Release of hazardous materials near schools*	Project-Level Mitigation Measure **PMM HAZ-3:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the State CEQA Guidelines, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to the release of hazardous materials within one-quarter mile of schools, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Where the construction and operation of projects involves the transport of hazardous materials, avoid transport of such materials within one-quarter mile of schools, when	**This Mitigation Measure is not applicable to the Proposed Project**. This mitigation measure is not incorporated, because the City determined, based on the analysis of this topic in Section 6.0 of this SCEA, that the Project would not result in a potentially significant impact related to release of hazardous materials near schools.

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Topic	Measure	Applicability to the Project
	school is in session, wherever feasible. b) Where it is not feasible to avoid transport of hazardous materials, within one-quarter mile of schools on local streets, provide notifications of the anticipated schedule of transport of such materials.	
Hazards and Hazardous Materials *Located on a Hazardous Materials Site Section 65962.5*	Project-Level Mitigation Measure **MM-HAZ-4:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines,* a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to projects that are located on a site which is included on the Cortese List, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) For any listed sites or sites that have the potential for residual hazardous materials as a result of historic land uses, complete a Phase I Environmental Site Assessment, including a review and consideration of data from all known databases of contaminated sites, during the process of planning, environmental clearance, and construction for projects. b) Where warranted due to the known presence of contaminated materials, submit to the appropriate agency responsible for hazardous materials/wastes oversight a Phase II Environmental Site Assessment report if warranted by a Phase I report for the project site. The reports should make recommendations for remedial action, if appropriate, and be signed by a Registered Environmental Assessor, Professional Geologist, or Professional Engineer. c) Implement the recommendations provided in the Phase II Environmental Site Assessment report, where such a report was determined to be necessary for the construction or operation of the project, for remedial action. d) Submit a copy of all applicable documentation required by local, state, and federal environmental regulatory agencies, including but not limited to: permit applications, Phase I and II Environmental Site Assessments, human health and ecological risk assessments, remedial action plans, risk management plans, soil management plans, and groundwater management plans. e) Conduct soil sampling and chemical analyses of samples, consistent with the protocols established by the U.S. EPA to determine the extent of potential contamination beneath all underground storage tanks (USTs), elevator shafts, clarifiers, and subsurface hydraulic lifts when on-site demolition or construction activities would potentially affect a particular development or building. f) Consult with the appropriate local, state, and federal environmental regulatory agencies to ensure sufficient minimization of risk to human health and	**The Proposed Project would substantially conform to this Mitigation Measure through compliance with regulatory compliance measures.** The Proposed Project would include the regulatory compliance measures RCM-HAZ-1 and RCM-HAZ-2 (referenced above), as a condition of approval, which is consistent with the RTP/SCS PEIR mitigation measures as it is capable of avoiding or reducing the significant effects related to a project placed on a hazardous materials site, that are in the jurisdiction and responsibility of regulatory agencies, other public agencies and/or Lead Agencies. In addition, a Phase I ESA and Phase II ESA were conducted at the Project Site to determine the presence or likelihood of hazardous substances on the property (see Appendices G.1 and G.4 of this SCEA). The Phase I ESA concluded that there was potential for hazardous materials to impact the property subsurface due to former auto repair operations at the Project Site. Therefore, a Phase II ESA was conducted to evaluate whether the former auto repair operation had significantly impacted the subsurface of the Project Site. No VOCs were detected in any soil vapor samples taken and analyzed. As such, the Phase II ESA concluded that there was no threat to human health or the environment, and no further assessment of Project Site features was necessary.

Table 4.1
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Topic	Measure	Applicability to the Project
	environmental resources, both during and after construction, posed by soil contamination, groundwater contamination, or other surface hazards including, but not limited to, underground storage tanks, fuel distribution lines, waste pits and sumps. g) Obtain and submit written evidence of approval for any remedial action if required by a local, state, or federal environmental regulatory agency. h) Cease work if soil, groundwater, or other environmental medium with suspected contamination is encountered unexpectedly during construction activities (e.g., identified by odor or visual staining, or if any underground storage tanks, abandoned drums, or other hazardous materials or wastes are encountered), in the vicinity of the suspect material. Secure the area as necessary and take all appropriate measures to protect human health and the environment, including but not limited to, notification of regulatory agencies and identification of the nature and extent of contamination. Stop work in the areas affected until the measures have been implemented consistent with the guidance of the appropriate regulatory oversight authority. i) Soil generated by construction activities should be stockpiled on-site in a secure and safe manner. All contaminated soils determined to be hazardous or non-hazardous waste must be adequately profiled (sampled) prior to acceptable reuse or disposal at an appropriate off-site facility. Complete sampling and handling and transport procedures for reuse or disposal, in accordance with applicable local, state and federal laws and policies. j) Groundwater pumped from the subsurface should be contained on-site in a secure and safe manner, prior to treatment and disposal, to ensure environmental and health issues are resolved pursuant to applicable laws and policies. Utilize engineering controls, which include impermeable barriers to prohibit groundwater and vapor intrusion into the building. k) As needed and appropriate, prior to issuance of any demolition, grading, or building permit, submit for review and approval by the Lead Agency (or other appropriate government agency) written verification that the appropriate federal, state and/or local oversight authorities, including but not limited to the Regional Water Quality Control Board (RWQCB), have granted all required clearances and confirmed that the all applicable standards, regulations, and conditions have been met for previous contamination at the site. l) Develop, train, and implement appropriate worker awareness and protective measures to assure that worker and public exposure is minimized to an acceptable level and to prevent any further environmental contamination as a result of construction.	

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
	m) If asbestos-containing materials (ACM) are found to be present in building materials to be removed, submit specifications signed by a certified asbestos consultant for the removal, encapsulation, or enclosure of the identified ACM in accordance with all applicable laws and regulations, including but not necessarily limited to: California Code of Regulations, Title 8; Business and Professions Code; Division 3; California Health and Safety Code Section 25915-25919.7; and other local regulations. n) Where projects include the demolitions or modification of buildings constructed prior to 1978, complete an assessment for the potential presence or lack thereof of ACM, lead-based paint, and any other building materials or stored materials classified as hazardous waste by state or federal law. o) Where the remediation of lead-based paint has been determined to be required, provide specifications to the appropriate agency, signed by a certified Lead Supervisor, Project Monitor, or Project Designer for the stabilization and/or removal of the identified lead paint in accordance with all applicable laws and regulations, including but not necessarily limited to: California Occupational Safety and Health Administration's (Cal OSHA's) Construction Lead Standard, Title 8 California Code of Regulations (CCR) Section 1532.1 and Department of Health Services (DHS) Regulation 17 CCR Sections 35001–36100, as may be amended. If other materials classified as hazardous waste by state or federal law are present, the project sponsor should submit written confirmation to the appropriate local agency that all state and federal laws and regulations should be followed when profiling, handling, treating, transporting, and/or disposing of such materials.	
Hazards and Hazardous Materials *Impair Implementation of, Physically Interfere with, Adopted Emergency Response or Emergency Evacuation Plan*	Project-Level Mitigation Measures See **MM-HAZ-1** through **MM-HAZ-4** and **MM-TRA-5**. **MM-HAZ-5:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects which may impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Continue to coordinate locally and regionally based on ongoing review and integration of projected transportation and circulation conditions. b) Develop new methods of conveying projected and real time information to citizens using emerging electronic communication tools including social media and cellular networks; c) Continue to evaluate lifeline routes for movement of emergency supplies and evacuation.	**This Mitigation Measure is not applicable to the Proposed Project**. The Project Site is not located along a designated disaster route or an adopted emergency response or evacuation plan by the City or the County. Therefore, none of the Mitigation Measures that pertain to emergency response plans or evacuation plans are applicable to the Proposed Project.

Table 4.1
Applicability of Project-Level Mitigation Measures from
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Topic	Measure	Applicability to the Project
Hydrology and Water Quality *Violate Water Quality Standards or Waste Discharge Requirements / Alteration of Site Drainage Pattern That Would Increase Erosion or Siltation / Alteration of Site Drainage That Would Increase Flooding / Runoff Exceeding Stormwater Drainage System Capacity* Wildfire *Expose People, Structures to Downslope, Downstream Flooding, Landslides Resulting from Runoff, Post-Fire Slope Stability, or Drainage Changes* Utilities and Service Systems – Wastewater *Require Relocation, New Wastewater Treatment or Storm Drainage Facilities, Construction of Which Could Cause Significant Environmental Effect*	Project-Level Mitigation Measure **MM-HYD-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects from violation of any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Complete, and have approved, a Stormwater Pollution Prevention Plan (SWPPP) prior to initiation of construction. b) Implement Best Management Practices to reduce the peak stormwater runoff from the project site to the maximum extent practicable. c) Comply with the Caltrans storm water discharge permit as applicable; and identify and implement Best Management Practices to manage site erosion, wash water runoff, and spill control. d) Complete, and have approved, a Standard Urban Stormwater Management Plan, prior to occupancy of residential or commercial structures. e) Ensure adequate capacity of the surrounding stormwater system to support stormwater runoff from new or rehabilitated structures or buildings. f) Prior to construction within an area subject to Section 404 of the Clean Water Act, obtain all required permit approvals and certifications for construction within the vicinity of a watercourse: g) Where feasible, restore or expand riparian areas such that there is no net loss of impervious surface as a result of the project. h) Install structural water quality control features, such as drainage channels, detention basins, oil and grease traps, filter systems, and vegetated buffers to prevent pollution of adjacent water resources by polluted runoff where required by applicable urban storm water runoff discharge permits, on new facilities. i) Provide operational best management practices for street cleaning, litter control, and catch basin cleaning are implemented to prevent water quality degradation in compliance with applicable storm water runoff discharge permits; and ensure treatment controls are in place as early as possible, such as during the acquisition process for rights-of-way, not just later during the facilities design and construction phase. j) Comply with applicable municipal separate storm sewer system discharge permits as well as Caltrans' storm water discharge permit including long-term sediment control and drainage of roadway runoff. k) Incorporate as appropriate treatment and control features such as detention basins, infiltration strips, and porous paving, other features to control surface runoff and facilitate groundwater recharge into the	**The Proposed Project already substantially complies with this Mitigation Measure through compliance with regulatory compliance measures.** It is subject to the following standard regulatory compliance measures, which are capable of avoiding or reducing the potential impacts on water quality on related waste discharge requirements that are within the jurisdiction and authority of the Regional Water Quality Control Boards and other regulatory agencies: **RCM-HYD-1 National Pollutant Discharge Elimination System General Permit.** Prior to issuance of a grading permit, the Applicant shall obtain coverage under the State Water Resources Control Board National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, National Pollutant Discharge Elimination System No. CAS000002) (Construction General Permit) for the Proposed Project. The Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of coverage under the Construction General Permit. A Storm Water Pollution Prevention Plan shall be prepared and implemented for the Proposed Project in compliance with the requirements of the Construction General Permit. The Storm Water Pollution Prevention Plan shall identify construction Best Management Practices to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in stormwater runoff as a result of construction activities. **RCM-HYD-2 Stormwater Pollution (Demolition, Grading, and Construction Activities).** Sediment carries with it other work-site pollutants such as pesticides, cleaning solvents, cement wash, asphalt, and car fluids that are toxic to sea life. ○ Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains. ○ All vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains. All major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills. ○ Pavement shall not be hosed down at

Table 4.1
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Topic	Measure	Applicability to the Project
	design of new transportation projects early on in the process to ensure that adequate acreage and elevation contours are provided during the right-of-way acquisition process. l) Upgrade stormwater drainage facilities to accommodate any increased runoff volumes. These upgrades may include the construction of detention basins or structures that will delay peak flows and reduce flow velocities, including expansion and restoration of wetlands and riparian buffer areas. System designs shall be completed to eliminate increases in peak flow rates from current levels. m) Encourage Low Impact Development (LID) and incorporation of natural spaces that reduce, treat, infiltrate and manage stormwater runoff flows in all new developments, where practical and feasible.	material spills. Dry cleanup methods shall be used whenever possible. o Dumpsters shall be covered and maintained. Uncovered dumpsters shall be placed under a roof or be covered with tarps or plastic sheeting. **RCM-HYD-3 Standard Urban Stormwater Mitigation Plan.** Prior to the issuance of a grading permit, the Project shall comply with the SUSMP and/or the Site Specific Mitigation Plan to mitigate stormwater pollution as required by Ordinance Nos. 172,176 and 173,494. The appropriate design and application of BMP devices and facilities shall be determined by the Watershed Protection Division of the Bureau of Sanitation, Department of Public Works.
Hydrology and Water Quality *Substantially Decrease Groundwater Supply or Interfere with Groundwater Recharge / Alteration of Site Drainage That Would Increase Flooding / Runoff Exceeding Stormwater Drainage System Capacity / Conflict with Water Quality Control Plan, Sustainable Groundwater Management Plan*	Project-Level Mitigation Measure **MM-HYD-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects from violation of any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Avoid designs that require continual dewatering when feasible. For projects requiring continual dewatering facilities, implement monitoring systems and long-term administrative procedures to ensure proper water management that prevents degrading of surface water and minimizes adverse impacts on groundwater for the life of the project, Construction designs shall comply with appropriate building codes and standard practices including the Uniform Building Code. a) Maximize, where practical and feasible, permeable surface area in existing urbanized areas to protect water quality, reduce flooding, allow for groundwater recharge, and preserve wildlife habitat. Minimize new impervious surfaces, including the use of in-lieu fees and off-site mitigation. b) Avoid construction and siting on groundwater recharge areas, to prevent conversion of those areas to impervious surface. c) Reduce hardscape to the extent feasible to facilitate groundwater recharge as appropriate.	**The Proposed Project already substantially complies with this Mitigation Measure through compliance with regulatory compliance measures.** It is subject to the following standard regulatory practices, which are capable of avoiding or reducing the potential impacts to groundwater resources that are within the jurisdiction and authority of the State Water Resources Control Board, Regional Water Quality Control Boards, Water Districts, and other groundwater management agencies: **RCM-HYD-4 Low Impact Development Plan.** Prior to issuance of grading permits, the Applicant shall submit a Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan to the City of Los Angeles Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan shall be prepared consistent with the requirements of the Development Best Management Practices Handbook. **RCM-HAZ-5 Best Management Practices.** The Best Management Practices shall be designed to retain or treat the runoff from a storm event producing 0.75 inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, which ever is greater, in accordance with the Development Best Management Practices Handbook Part B Planning Activities. A signed certificate from a licensed civil engineer or licensed architect confirming that the proposed Best Management Practices meet this numerical threshold standard shall be provided.

Table 4.1
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Topic	Measure	Applicability to the Project
Hydrology and Water Quality *In Flood Hazard, Tsunami, or Seiche Zone, Risk of Pollutant Release Due to Inundation*	Project-Level Mitigation Measure **MM-HYD-4:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines,* a Lead Agency for a project can and should consider mitigation measures capable of avoiding or reducing the potential impacts of locating structures that would impede or redirect flood flows, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Ensure that all roadbeds for new highway and rail facilities be elevated at least one foot above the 100-year base flood elevation. Since alluvial fan flooding is not often identified on FEMA flood maps, the risk of alluvial fan flooding should be evaluated and projects should be sited to avoid alluvial fan flooding. Delineation of floodplains and alluvial fan boundaries should attempt to account for future hydrologic changes caused by global climate change.	**This Mitigation Measure is not applicable to the Proposed Project**. The Project Site is not located within a designated flood zone, according to the Federal Emergency Management Agency (FEMA) flood insurance rate map.
Land Use *Potential to Physically Divide Established Community*	Project-Level Mitigation Measure **MM-LU-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects that physically divide a community, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Facilitate good design for land use projects that build upon and improve existing circulation patterns. b) Encourage implementing agencies to orient transportation projects to minimize impacts on existing communities by: o Selecting alignments within or adjacent to existing public rights of way. o Design sections above or below-grade to maintain viable vehicular, cycling, and pedestrian connections between portions of communities where existing connections are disrupted by the transportation project. o Wherever feasible incorporate direct crossings, overcrossings, or under crossings at regular intervals for multiple modes of travel (e.g., pedestrians, bicyclists, vehicles). c) Where it has been determined that it is infeasible to avoid creating a barrier in an established community, consider other measures to reduce impacts, including but not limited to: o Alignment shifts to minimize the area affected. o Reduction of the proposed right-of-way take to minimize the overall area of impact. o Provisions for bicycle, pedestrian, and vehicle access across improved roadways.	**This Mitigation Measure is not relevant to the Proposed Project.** For permanent impacts relating to physically dividing a community, this mitigation measure is not relevant as the Proposed Project does not physically divide a community as the Proposed Project does not propose a new right-of-way alignments or street vacation. The Proposed Project would replace four existing commercial/retail buildings and will provide all required street dedications and improvements. For any temporary impacts related to construction, the Proposed project would incorporate PDF TRAFFIC-2 Worksite Traffic Control Requirements, which is consistent with the RTP/SCS PEIR mitigation measures as they avoid or reduce the significant effects related to the physical division of an established community during construction: o **PDF-TRAFFIC-2 Worksite Traffic Control Requirements.** The Applicant shall prepare and submit a construction work site traffic control plan to DOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of any construction work. Refer to http://ladot.lacity.org/what-wedo/plan-review to determine which section to coordinate review of the work site traffic control plan. The plan shall identify the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and

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Topic	Measure	Applicability to the Project
		access to abutting properties. All construction related truck traffic shall be restricted to off-peak hours to the extent feasible.
Land Use *Conflict with Applicable Land Use Plan, Policy, or Regulation*	Project-Level Mitigation Measure **MM-LU-2**: In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the State CEQA Guidelines, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects that physically divide a community, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Where an inconsistency with the adopted general plan policy or land use regulation (adopted for the purpose of avoiding or mitigating an impact) is identified modify the transportation or land use project to eliminate the conflict; or, determine if the environmental, social, economic, and engineering benefits of the project warrant an amendment to the general plan or land use regulation.	**This Mitigation Measure is not relevant to the Proposed Project.** The Proposed Project would not physically divide a community. The Proposed Project is consistent with the General Plan and underlying zone designation and is not seeking a General Plan amendment or zone change.
Mineral Resources *Loss of Availability of a Known Mineral Resource / Loss of Mineral Resource Recovery Site Delineated on Local General Plan, Specific Plan, Other Land Use Plan*	Project-Level Mitigation Measure **MM-MIN-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce the use of mineral resources that could be of value to the region, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Provide for the efficient use of known aggregate and mineral resources or locally important mineral resource recovery sites, by ensuring that the consumptive use of aggregate resources is minimized and that access to recoverable sources of aggregate is not precluded, as a result of construction, operation and maintenance of projects. b) Where avoidance is infeasible, minimize impacts to the efficient and effective use of recoverable sources of aggregate through measures that have been identified in county and city general plans, or other comparable measures such as: 1) Recycle and reuse building materials resulting from demolition, particularly aggregate resources, to the maximum extent practicable. 2) Identify and use building materials, particularly aggregate materials, resulting from demolition at other construction sites in the SCAG region, or within a reasonable hauling distance of the project site. 3) Design transportation network improvements in a manner (such as buffer zones or the use of screening) that does not preclude adjacent or nearby extraction of known mineral and aggregate resources following completion of the improvement	**This Mitigation Measure is not relevant to the Proposed Project.** A significant impact to mineral resources may occur if a project site is located in an area used or available for extraction of a regionally important mineral resource, or if the project development would convert an existing or future regionally important mineral extraction use to another use, or if the project development would affect access to a site used or potentially available for regionally important mineral resource extraction. The Project Site is zoned C2-4D-O. The Project Site is located within a Mineral Resources Zone 2 (MRZ-2). However, the Project Site is not currently used for the extraction of mineral resources, and there is no evidence to suggest that the Project Site has been historically used for the extraction of mineral resources. The Project Site is currently developed with four commercial/retail buildings and a paved surface parking lot. Therefore, the development of the Proposed Project would not result in the loss of availability of a known mineral resource.

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Topic	Measure	Applicability to the Project
	and during long-term operations. 4) Avoid or reduce impacts on known aggregate and mineral resources and mineral resource recovery sites through the evaluation and selection of project sites and design features (e.g., buffers) that minimize impacts on land suitable for aggregate and mineral resource extraction by maintaining portions of MRZ-2 areas in open space or other general plan land use categories and zoning that allow for mining of mineral resources.	
Noise *Substantial Temporary or Permanent Increase in Ambient Noise Levels In Excess of Standards Established in Local General Plan or Noise Ordinance / Generation of Excessive Groundborne Vibration or Groundborne Noise Levels / For Project Located in Vicinity of Private Airstrip, Airport Land Use Plan, or Within Two Miles of Public Airport, Expose People to Excessive Noise Levels* Hazards and Hazardous Materials *For Project Located in Vicinity of Private Airstrip, Airport Land Use Plan, or Within Two Miles of Public Airport, Expose People to Excessive Noise Levels* Recreation *Adverse Impacts Associated With*	Project-Level Mitigation Measure **MM-NOISE-1(b):** Consistent with the provisions of Section 15091 of the State CEQA Guidelines, SCAG has identified mitigation measures capable of avoiding or reducing the significant effects of noise impacts that are in the jurisdiction and responsibility of public agencies and/or Lead Agencies. Where the Lead Agency has identified that a project has the potential for significant effects, the Lead Agency can and should consider mitigation measures to ensure consistency with the Federal Noise Control Act, California Government Code Section 65302, the Governor's Office of Planning and Research Noise Element Guidelines, and the noise ordinances and general plan noise elements for the counties or cities where projects are undertaken, Federal Highway Administration and Caltrans guidance documents and other health and safety standards set forth by federal, state, and local authorities that regulate noise levels, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Install temporary noise barriers during construction. b) Include permanent noise barriers and sound-attenuating features as part of the project design. c) Schedule construction activities consistent with the allowable hours pursuant to applicable general plan noise element or noise ordinance d) Post procedures and phone numbers at the construction site for notifying the Lead Agency staff, local Police Department, and construction contractor (during regular construction hours and off-hours), along with permitted construction days and hours, complaint procedures, and who to notify in the event of a problem. e) Notify neighbors and occupants within 300 feet of the project construction area at least 30 days in advance of anticipated times when noise levels are expected to exceed limits established in the noise element of the general plan or noise ordinance. f) Designate an on-site construction complaint and enforcement manager for the project. g) Ensure that construction equipment are properly maintained per manufacturers' specifications and fitted with the best available noise suppression devices (e.g., mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures, and acoustically attenuating	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures and implementation of project-specific Mitigation Measures which are equal to or more effective than this Mitigation Measure.** It is subject to the following regulatory compliance measures that avoid or reduce the significant effects of noise impacts that are in the jurisdiction and responsibility of public agencies and/or Lead Agencies: **RCM-N-1.** The Project shall comply with the City of Los Angeles Noise Ordinance No. 144,331 and 161,574, and any subsequent ordinances, which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically infeasible. **RCM-N-2.** The Project shall comply with the City of Los Angeles Building Regulations Ordinance No. 178,048, which requires a construction site notice to be provided that includes the following information: job site address, permit number, name and phone number of the contractor and owner or owner's agent, hours of construction allowed by code or any discretionary approval for the site, and City telephone numbers where violations can be reported. The notice shall be posted and maintained at the construction site prior to the start of construction and displayed in a location that is readily visible to the public. Additionally, the City imposes the following Mitigation Measures, which are consistent with the RTP/SCS PEIR mitigation measures as they will avoid or reduce the significant effects of noise impacts that are in the jurisdiction and responsibility of public agencies and/or Lead Agencies: • **Increased Noise Levels (Demolition, Grading, and Construction Activities)**

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Topic	Measure	Applicability to the Project
New Or Physically Altered Park Facilities, Construction of Which Could Cause Significant Environmental Impacts / Include Recreational Facilities, Require Construction or Expansion Which Might Have Adverse Effect	shields of shrouds silencers, wraps). All intake and exhaust ports on power equipment shall be muffled or shielded. h) Use hydraulically or electrically powered tools (e.g., jack hammers, pavement breakers, and rock drills) for project construction to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust can and should be used; this muffler can lower noise levels from the exhaust by up to about 10 dBA. External jackets on the tools themselves should be used, if such jackets are commercially available, and this could achieve a further reduction of 5 dBA. Quieter procedures should be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures. i) Where feasible, design projects so that they are depressed below the grade of the existing noise-sensitive receptor, creating an effective barrier between the roadway and sensitive receptors. j) Where feasible, improve the acoustical insulation of dwelling units where setbacks and sound barriers do not provide sufficient noise reduction. k) Using rubberized asphalt of "quiet pavement" to reduce road noise for new roadway segments, roadways in which widening or other modifications require re-pavement, or normal reconstruction of roadways where re-pavement is planned l) Projects that require pile driving or other construction noise above 90 dBA in proximity to sensitive receptors, should reduce potential pier drilling, pile driving and/or other extreme noise generating construction impacts greater than 90 dBA; a set of site-specific noise attenuation measures should be completed under the supervision of a qualified acoustical consultant. m) Use land use planning measures, such as zoning, restrictions on development, site design, and buffers to ensure that future development is compatible with adjacent transportation facilities and land uses; n) Monitor the effectiveness of noise reduction measures by taking noise measurements and installing adaptive mitigation measures to achieve the standards for ambient noise levels established by the noise element of the general plan or noise ordinance. o) Use equipment and trucks with the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds, wherever feasible) for project construction. p) Stationary noise sources can and should be located as far from adjacent sensitive receptors as possible and they should be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the Lead Agency (or other	**MM-N-1** Construction and demolition shall be restricted to the hours of 7:00 AM to 6:00 PM Monday through Friday, and 8:00 AM to 6:00 PM on Saturday. **MM-N-2** Demolition and construction activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously, which causes high noise levels. **MM-N-3** The project contractor shall use power construction equipment with noise shielding and muffling devices. **MM-N-4** The project contractor shall erect a minimum 8-foot high temporary noise-attenuating sound barrier along the perimeter of the Project Site during construction. The sound barrier along the 12th Street frontage shall be designed to provide a minimum sound attenuation of -18 dBA at Sensitive Receptor #1 (the Axis Apartments Mixed-Use Building located at 1201 S. Main Street) and a minimum of 2.1 dBA at Sensitive Receptor #2 (the Proper Hotel located at 1100 S. Broadway). **MM-N-5** During structural framing, the project contractor shall utilize temporary portable acoustic barriers, partitions, or acoustic blankets to effectively block the line-of-sight between noise producing equipment and the adjacent residential land uses for purposes of ensuring noise levels at the adjacent sensitive receptors does not exceed 5 dBA over the ambient noise levels.

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Topic	Measure	Applicability to the Project
	appropriate government agency) to provide equivalent noise reduction. q) Use of portable barriers in the vicinity of sensitive receptors during construction. r) Implement noise control at the receivers by temporarily improving the noise reduction capability of adjacent buildings (for instance by the use of sound blankets), and implement if such measures are feasible and would noticeably reduce noise impacts. s) Monitor the effectiveness of noise reduction measures by taking noise measurements. t) Maximize the distance between noise-sensitive land uses and new roadway lanes, roadways, rail lines, transit centers, park-and-ride lots, and other new noise-generating facilities. u) Construct sound-reducing barriers between noise sources and noise-sensitive land uses. v) Stationary noise sources can and should be located as far from adjacent sensitive receptors as possible and they should be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the Lead Agency (or other appropriate government agency) to provide equivalent noise reduction. w) Use techniques such as grade separation, buffer zones, landscaped berms, dense plantings, sound walls, reduced-noise paving materials, and traffic calming measures. x) Locate transit-related passenger stations, central maintenance facilities, decentralized maintenance facilities, and electric substations away from sensitive receptors to the maximum extent feasible. y) Consult the SCAG Environmental Justice Toolbox for potential measures to address impacts to low-income and/or minority communities.	
Noise *Generation of Excessive Groundborne Vibration or Groundborne Noise Levels*	Project-Level Mitigation Measure See **MM-NOISE-1**. **MM-NOISE-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines,* a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to violating noise/vibration standards. Such measures may include the following or other comparable measures identified by the Lead Agency: a) For projects that require pile driving or other construction techniques that result in excessive vibration, such as blasting, determine the potential vibration impacts to the structural integrity of the adjacent buildings within 50 feet of pile driving locations. b) For projects that require pile driving or other construction techniques that result in excessive vibration, such as blasting, determine the threshold levels of vibration and cracking that could damage	**The Proposed Project already substantially conforms with this Mitigation Measure through implementation of project-specific Mitigation Measures which are equal to or more effective than this Mitigation Measure.** The nearest buildings are located across the adjacent alleyway, approximately 12 feet west of the Project Site. As shown in Table 6.24, below, the estimated vibration level at the nearest buildings located 12 feet from the Project Site is 0.17 PPV in/sec, which is well below the threshold of 0.3 PPV in/sec. With respect to a), b), and c) construction activities would not involve pile driving or blasting. With regard to d) the Proposed Project would conform to the allowable hours of construction as per the LAMC. With regard to item e), compliance with SCAQMD rules limit the idling of construction

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Topic	Measure	Applicability to the Project
	adjacent historic or other structure, and design means and construction methods to not exceed the thresholds. c) For projects where pile driving would be necessary for construction due to geological conditions, utilize quiet pile driving techniques such as predrilling the piles to the maximum feasible depth, where feasible. Predrilling pile holes will reduce the number of blows required to completely seat the pile and will concentrate the pile driving activity closer to the ground where pile driving noise can be shielded more effectively by a noise barrier/curtain. d) Restrict construction activities to permitted hours in accordance with local jurisdiction regulation. e) Properly maintain construction equipment and outfit construction equipment with the best available noise suppression devices (e.g., mufflers, silences, wraps). f) Prohibit idling of construction equipment for extended periods of time in the vicinity of sensitive receptors.	equipment, which would also serve to reduce construction noise levels. The Proposed Project would implement the following Mitigation Measures, which are consistent with the RTP/SCS PEIR mitigation measure as they avoid or reduce the significant effects of noise/vibration impacts that are in the jurisdiction and responsibility of public agencies and/or Lead Agencies: • **Increased Noise Levels (Demolition, Grading, and Construction Activities)** **MM-N-1** Construction and demolition shall be restricted to the hours of 7:00 AM to 6:00 PM Monday through Friday, and 8:00 AM to 6:00 PM on Saturday. **MM-N-2** Demolition and construction activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously, which causes high noise levels. **MM-N-3** The project contractor shall use power construction equipment with noise shielding and muffling devices. **MM-N-4** The project contractor shall erect a minimum 8-foot high temporary noise-attenuating sound barrier along the perimeter of the Project Site during construction. The sound barrier along the 12th Street frontage shall be designed to provide a minimum sound attenuation of -18 dBA at Sensitive Receptor #1 (the Axis Apartments Mixed-Use Building located at 1201 S. Main Street) and a minimum of 1.2 dBA at Sensitive Receptor #2 (the Proper Hotel located at 1100 S. Broadway). **MM-N-5** During structural framing, the project contractor shall utilize temporary portable acoustic barriers, partitions, or acoustic blankets to effectively block the line-of-sight between noise producing equipment and the adjacent residential land uses for purposes of ensuring noise levels at the adjacent sensitive receptors does not exceed 5 dBA over the ambient noise levels.
<u>Population and Housing</u> *Displacement of*	<u>Project-Level Implementation Measures</u> **MM-POP-1**. In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA*	**This Mitigation Measure is not relevant to the Proposed Project.** The Proposed Project would

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Topic	Measure	Applicability to the Project
People or Housing, Requiring Replacement Housing Elsewhere	*Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce the displacement of existing housing, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Evaluate alternate route alignments and transportation facilities that minimize the displacement of homes and businesses. Use an iterative design and impact analysis where impacts to homes or businesses are involved to minimize the potential of impacts on housing and displacement of people. b) Prioritize the use existing ROWs, wherever feasible. c) Develop a construction schedule that minimizes potential neighborhood deterioration from protracted waiting periods between right-of-way acquisition and construction. d) Review capacities of available urban infrastructure and augment capacities as needed to accommodate demand in locations where growth is desirable to the local lead Agency and encouraged by the SCS (primarily TPAs, where applicable). e) When General Plans and other local land use regulations are amended or updated, use the most recent growth projections and RHNA allocation plan.	consist of the development of new housing and commercial land uses on a site that is currently occupied by four commercial/retail buildings and a paved surface parking lot. No displacement of existing housing would occur with the development of the Proposed Project, and therefore, none of the suggested measures are applicable.
<u>Public Services – Fire</u> *Adverse Impacts Associated with New or Physically Altered Fire Protection Facilities Construction of Which Could Cause Significant Environmental Impacts*	<u>Project-Level Mitigation Measure</u> **MM-PSP-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the State CEQA Guidelines, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects of constructing new emergency response facilities, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: • Coordinate with emergency response agencies to ensure that there are adequate governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for emergency response services and that any required additional construction of buildings is incorporated into the project description. • Where current levels of services at the project site are found to be inadequate, provide fair share contributions towards infrastructure improvements, as appropriate and applicable, to mitigate identified CEQA impacts. • Project sponsors can and should develop traffic control plans for individual projects. Traffic control plans should include information on lane closures and the anticipated flow of traffic during the construction period. The basic objective of each traffic control plan (TCP) is to permit the contractor to work within the public right of way efficiently and effectively while maintaining a safe, uniform flow of traffic. The construction work and the public traveling through the work zone in vehicles, bicycles or as pedestrians must	**The Proposed Project substantially conforms to this Mitigation Measure through compliance with regulatory compliance measures.** As discussed in Section 6.XV (Public Services), existing facilities are capable of providing acceptable response times for fire protection and emergency response services. The Project Site and surrounding area are served by the Los Angeles Fire Department (LAFD). Specifically, the LAFD considers fire protection services for a project adequate if a project is within the maximum response distance (1.5 miles in this instance). The Project Site is served by LAFD Station No. 10, approximately 0.7 miles southwest of the Project Site. Therefore, fire protection response with existing facilities is therefore considered adequate, and Project impacts would not be significant. Additionally, the City has determined that the following regulatory compliance measure is equal to or more effective than this Mitigation Measure with respect to avoiding or reducing the significant effects from the need for new or physically altered governmental facilities in order to maintain acceptable response times for fire protection and emergency response services that are within the jurisdiction and responsibility of fire departments, law enforcement agencies, and local jurisdictions:

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Topic	Measure	Applicability to the Project
	be given equal consideration when developing a traffic control plan.	**RCM-PS-1 Public Services (LAFD).** The following recommendations of the Fire Department relative to fire safety shall be incorporated into the building plans, which includes the submittal of a plot plan for approval by the Fire Department either prior to the recordation of a final map or the approval of a building permit. The plot plan shall include the following minimum design features: o Fire lanes, where required, shall be a minimum of 20 feet in width; o All structures must be within 300 feet of an approved fire hydrant; and o Entrances to any dwelling unit or guest room shall not be more than 150 feet in distance in horizontal travel from the edge of the roadway of an improved street or approved fire lane. o Prior to plan check review, the Project Applicant shall consult with the Los Angeles Fire Department regarding the installation of public and/or private fire hydrants, sprinklers, access, and/or other fire protection features within the Project. All required fire protection features shall be installed to the satisfaction of the Los Angeles Fire Department.
Public Services – Police *Adverse Impacts Associated with New or Physically Altered Police Facilities, Construction of Which Could Cause Significant Environmental Impacts*	Project-Level Mitigation Measure **MM-PSP-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the State CEQA Guidelines, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects of constructing new emergency response facilities, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: • Coordinate with emergency response agencies to ensure that there are adequate governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for emergency response services and that any required additional construction of buildings is incorporated into the project description. • Where current levels of services at the project site are found to be inadequate, provide fair share contributions towards infrastructure improvements, as appropriate and applicable, to mitigate identified CEQA impacts. • Project sponsors can and should develop traffic control plans for individual projects. Traffic control plans should include information on lane closures and the anticipated flow of traffic during the construction period. The basic objective of each traffic control plan (TCP) is to permit the contractor to work within the public right of	**The Proposed Project substantially conforms to this Mitigation Measure through implementation of project design features.** Existing facilities are capable of providing acceptable response times for police protection. The Project Site is currently served by the City of Los Angeles Police Department's (LAPD) Central Bureau, which oversees LAPD operations in the Chinatown, Little Tokyo, South Park, Central City East, Historic Core, Financial District, Artist Lofts, Olvera Street, Jewelry District, the Convention Center, and the Fashion District. The Central Community Police Station, located at 251 East 6th Street, approximately 0.9 mile northeast (driving distance) from the Project Site. In *City of Hayward v. Board of Trustee of California State University* (2015) 242 Cal. App. 4th 833, the court found that Section 35 of Article XIII of the California Constitution requires local agencies to provide public safety services, including fire and police protection, and that it is reasonable to conclude that a lead agency will comply with that provision and ensure that public safety services are provided. Furthermore, as the court concluded, the need for additional

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Topic	Measure	Applicability to the Project
	way efficiently and effectively while maintaining a safe, uniform flow of traffic. The construction work and the public traveling through the work zone in vehicles, bicycles or as pedestrians must be given equal consideration when developing a traffic control plan.	public safety services is not an environmental impact that CEQA requires a project proponent to mitigate. Additionally, the Proposed Project would implement the following project design features, which are consistent with the RTP/SCS PEIR Mitigation Measure as they avoid or reduce the significant effects from the need for new or physically altered governmental facilities in order to maintain acceptable service ratios for police protection services that are within the jurisdiction and responsibility of law enforcement agencies and local jurisdictions: **PDF-PS-1 Public Services (Police – Demolition / Construction Sites).** Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances. **PDF-PS-2 Public Services (Police – Operation).** The plans shall incorporate the design guidelines relative to security, semi-public and private spaces, which may include but not be limited to surveillance cameras, access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed. Additionally, the Applicant will prepare a construction work site traffic control plan to address construction-related traffic impacts as required through PDF-TRAFFIC-2, below: **PDF-TRAFFIC-2 Worksite Traffic Control Requirements.** The Applicant will prepare and submit a construction work site traffic control plan to DOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of any construction work. Refer to http://ladot.lacity.org/what-wedo/plan-review to determine which section to coordinate review of the work site traffic control plan. The plan shall identify the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. DOT also recommends that all construction related truck traffic be restricted to off-peak hours to the

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Topic	Measure	Applicability to the Project
		extent feasible.
Public Services – Schools *Adverse Impacts Associated with New or Physically Altered Educational Facilities, Construction of Which Could Cause Significant Environmental Impacts*	Project-Level Mitigation Measure **MM-PSS-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the State CEQA Guidelines, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects of constructing new or physically altered school facilities, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Where construction or expansion of school facilities is required to meet public school service ratios, require school district fees, as applicable.	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures.** it is subject to the following regulatory compliance measure that avoid or reduce the significant effects from the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives that are within the jurisdiction and responsibility of school districts and local jurisdictions: **RCM-PS-2 Public Services (Schools).** The Applicant shall pay school fees to the Los Angeles Unified School District to offset the impact of additional student enrollment at schools serving the project area.
Public Services – Library *Adverse Impacts Associated With New Or Physically Altered Library Facilities, Construction of Which Could Cause Significant Environmental Impacts*	Project-Level Mitigation Measure **MM-PSL-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the State CEQA Guidelines, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects of construction of new or altered library facilities, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Where construction or expansion of library facilities is required to meet public library service ratios, require library fees, as appropriate and applicable, to mitigate identified CEQA impacts.	**This Mitigation Measure is not applicable to the Proposed Project.** As discussed in Section 6.XV (Public Services), there are no current plans to build new libraries that would serve the Project Site area. Therefore, the library branches serving the Project Site would be able to meet the Proposed Project's demand for library services.
Parks and Recreation *Increased Use of Existing Parks Such That Substantial Physical Deterioration of Recreational Facilities Would Occur / Adverse Impacts Associated With New Or Physically Altered Park Facilities, Construction of Which Could Cause Significant*	Project-Level Mitigation Measure **MM-REC-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects on the use of existing neighborhood and regional parks or other recreational facilities, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Prior to the issuance of permits, where projects require the construction or expansion of recreational facilities or the payment of equivalent Quimby fees, consider increasing the accessibility to natural areas and lands for outdoor recreation from the proposed project area, in coordination with local and regional open space planning and/or responsible management agencies. b) Prior to the issuance of permits, where projects	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures.** It is subject to the following regulatory compliance measure that avoids or reduces the significant effects on the integrity of recreation facilities, particularly neighborhood parks in the vicinity of HQTAs and other applicable development projects, that are within the jurisdiction and responsibility of other public agencies and/or Lead Agencies: **RCM-PS-3 Recreation (Increased Demand for Parks or Recreational Facilities).** Pursuant to Sections 12.33 and/or 17.12 of the Los Angeles Municipal Code, the Project Applicant shall pay the applicable Quimby fees for construction of dwelling units.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
Environmental Impacts / Include Recreational Facilities, Require Construction or Expansion Which Might Have Adverse Effect	require the construction or expansion of recreational facilities or the payment of equivalent Quimby fees, encourage patterns of urban development and land use which reduce costs on infrastructure and make better use of existing facilities, using strategies such as: i. Increasing the accessibility to natural areas for outdoor recreation. ii. Utilizing "green" development techniques iii. Promoting water-efficient land use and development. iv. Encouraging multiple uses, such as the joint use of schools. v. Including trail systems and trail segments in General Plan recreation standards	Additionally, the Proposed Project already substantially complies with this Mitigation Measure because it would include 39,601 square feet of open space, per LAMC requirements. Recreational amenities would include a 5th level amenity deck and a roof deck. These areas provide the opportunity for Project residents, neighbors, and patrons of the retail space to gather.
Transportation, Traffic, and Safety *Conflict Or Be Inconsistent With CEQA Guidelines Section 15064.3(b).*	Project-Level Mitigation Measure **MM-TRA-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects related to transportation-related impacts. Such measures may include the following or other comparable measures identified by the Lead Agency: • Transportation demand management (TDM) strategies should be incorporated into individual land use and transportation projects and plans, as part of the planning process. Local agencies should incorporate strategies identified in the Federal Highway Administration's publication: Integrating Demand Management into the Transportation Planning Process: A Desk Reference (August 2012) into the planning process (FHWA 2012). For example, the following strategies may be included to encourage use of transit and non-motorized modes of transportation and reduce vehicle miles traveled on the region's roadways: o Include TDM mitigation requirements for new developments; o Incorporate supporting infrastructure for non-motorized modes, such as, bike lanes, secure bike parking, sidewalks, and crosswalks; o Provide incentives to use alternative modes and reduce driving, such as, universal transit passes, road and parking pricing; o Implement parking management programs, such as parking cash-out, priority parking for carpools and vanpools; o Develop TDM-specific performance measures to evaluate project-specific and system-wide performance; o Incorporate TDM performance measures in the decision-making process for identifying transportation investments;	**The Proposed Project would substantially conform to this Mitigation Measure.** Through project design, compliance with regulatory compliance measures, and implementation of Project Design Features, the Proposed Project would avoid or reduce the potential for conflicts with the established measures of effectiveness for the performance of the circulation system that are within the jurisdiction and responsibility of Lead Agencies: **RCM-TRAFFIC-1: Parking Requirements.** In accordance with the LAMC, the project shall provide a total of 373 residential and commercial vehicle parking spaces 23 short-term bicycle parking spaces and 172 long-term bicycle parking spaces on-site. **RCM-TRAFFIC-2: Highway Dedication and Street Widening Requirements.** Per the Mobility Element of the General Plan, Main Street, Modified Avenue I, would require a 34-foot half-width roadway within a 50-foot half-width right-of-way; 12th Street, a Modified Collector Street, would require a 20-foot half-width roadway within a 32-foot half-width right-of-way; and the adjacent alley would require a 10-foot half-width right-of-way. The applicant shall provide the required street dedication and improvements in accordance with Case No. VTT-82463. **RCM-TRAFFIC-3 Development Review Fees.** Section 19.15 of the LAMC identifies specific fees for traffic study review, condition clearance, and permit issuance. The applicant shall comply with any applicable fees per this ordinance. Additionally, the Proposed Project incorporates the following Project Design Features that are

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	○ Implement data collection programs for TDM to determine the effectiveness of certain strategies and to measure success over time; and ○ Set aside funding for TDM initiatives. ○ The increase in per capita VMT on facilities experiencing LOS F represents a significant impact compared to existing conditions. To assess whether implementation of these specific mitigation strategies would result in measurable traffic congestion reductions, implementing actions may need to be further refined within the overall parameters of the proposed Plan and matched to local conditions in any subsequent project-level environmental analysis.	consistent with the SCAG EIR mitigation measures as they avoid or reduce the potential for conflicts with the established measures of effectiveness for the performance of the circulation system that are within the jurisdiction and responsibility of Lead Agencies: **PDF-TRAFFIC-1 Project Access and Circulation.** In order to minimize and prevent last minute building design changes, the Applicant shall contact DOT for driveway width and internal circulation requirements prior to the commencement of building or parking layout design. **PDF-TRAFFIC-2 Worksite Traffic Control Requirements.** The Applicant will prepare and submit a construction work site traffic control plan to DOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of any construction work. Refer to http://ladot.lacity.org/what-wedo/plan-review to determine which section to coordinate review of the work site traffic control plan. The plan shall identify the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. DOT also recommends that all construction related truck traffic be restricted to off-peak hours to the extent feasible. **PDF-TRAFFIC-3 Pedestrian Safety**. The Proposed Project shall include the following features to improve pedestrian facilities and to provide a safe and walkable pedestrian environment, to increase the number of walking trips, and provide for on-site facilities to reduce the need to make vehicle trips off-site. ○ Improve sidewalks adjacent to and within the Project. ○ Add pedestrian amenities such as: landscaping and setbacks, shade, benches, pedestrian- scale lighting, etc., along Main Street and 12th Street. ○ Provide pedestrian-scale retail commercial uses along street frontages. ○ Provide an on-site transit information kiosk. ○ Provide on-site concierge service to facilitate use of transit, taxis, shuttles, and transportation network companies.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
Transportation, Traffic, and Safety *Result in Inadequate Emergency Access/ Impair or Interfere with Emergency Response or Evacuation Plan*	Project-Level Mitigation Measure **MM-TRA-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects which may substantially impair implementation of an adopted emergency response plan or emergency evacuation plan, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Prior to construction, project implementation agencies can and should ensure that all necessary local and state road and railroad encroachment permits are obtained. The project implementation agency can and should also comply with all applicable conditions of approval. As deemed necessary by the governing jurisdiction, the road encroachment permits may require the contractor to prepare a traffic control plan in accordance with professional engineering standards prior to construction. Traffic control plans can and should include the following requirements: o Identification of all roadway locations where special construction techniques (e.g., directional drilling or night construction) would be used to minimize impacts to traffic flow. o Development of circulation and detour plans to minimize impacts to local street circulation. This may include the use of signing and flagging to guide vehicles through and/or around the construction zone. o Scheduling of truck trips outside of peak morning and evening commute hours. o Limiting of lane closures during peak hours to the extent possible. o Usage of haul routes minimizing truck traffic on local roadways to the extent possible. o Inclusion of detours for bicycles and pedestrians in all areas potentially affected by project construction. o Installation of traffic control devices as specified in the California Department of Transportation Manual of Traffic Controls for Construction and Maintenance Work Zones. o Development and implementation of access plans for highly sensitive land uses such as police and fire stations, transit stations, hospitals, and schools. The access plans would be developed with the facility owner or administrator. To minimize disruption of emergency vehicle access,	**The Proposed Project would substantially conform to this Mitigation Measure.** The Proposed Project would incorporate Project Design Feature **PDF-TRAFFIC-1** (see above), which is consistent with the RTP/SCS PEIR mitigation measures as they avoid or reduce impacts to emergency access that are in the jurisdiction and responsibility of fire departments, local enforcement agencies, and/or Lead Agencies.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	affected jurisdictions can and should be asked to identify detours for emergency vehicles, which will then be posted by the contractor. Notify in advance the facility owner or operator of the timing, location, and duration of construction activities and the locations of detours and lane closures. o Storage of construction materials only in designated areas. o Coordination with local transit agencies for temporary relocation of routes or bus stops in work zones, as necessary. o Ensure the rapid repair of transportation infrastructure in the event of an emergency through cooperation among public agencies and by identifying critical infrastructure needs necessary for: a) emergency responders to enter the region, b) evacuation of affected facilities, and c) restoration of utilities. o Enhance emergency preparedness awareness among public agencies and with the public at large.	
Tribal Cultural Resources *Cause Substantial Adverse Change in Significance of Tribal Cultural Resource*	Project-Level Mitigation Measure See **MM-CULT-1**. **MM-TCR-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects on tribal cultural resources. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Avoidance and preservation of the resources in place, including, but not limited to, planning and construction to avoid the resources and protect the cultural and natural context, or planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria b) Treating the resource with culturally appropriate dignity taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following: protecting the cultural character and integrity of the resource; protecting the traditional use of the resource; and protecting the confidentiality of the resource; c) Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places; and protecting the resource.	**The Proposed Project would substantially conform to this Mitigation Measure through compliance with regulatory compliance measures**. No archaeological resources were identified within the Project Site or immediate vicinity as a result the CHRIS records search or through the NAHC SLF search (see Appendices C.2 and K of this SCEA). Based on the findings of these technical reports, no known historic, archaeological or tribal cultural resources occur on site. Accordingly, the City has determined that the following regulatory compliance measure is equal to or more effective than this Mitigation Measure in avoiding potential impacts to inadvertent finds of historic, archeological, or tribal cultural resources: **RCM-CR-1 Archaeological.** In the event that archaeological resources (sites, features, artifacts, or fossilized material) are exposed during construction activities for the Proposed Project, all construction work occurring within 100 feet of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Depending upon the significance of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
		treatment plan, testing, or data recovery may be warranted.
Utilities and Service Systems – Solid Waste *Generate Solid Waste in Excess of State or Local Standards, or in Excess of Local Infrastructure, Impair Solid Waste Reduction Goals / Comply with Federal, State, Local Management and Reduction Statutes and Regulations*	Project-Level Mitigation Measure **MM-USSW-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce the generation of solid waste, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: Integrate green building measures consistent with CALGreen (California Building Code Title 24) into project design including, but not limited to the following: a) Reuse and minimization of construction and demolition (C&D) debris and diversion of C&D waste from landfills to recycling facilities. b) Inclusion of a waste management plan that promotes maximum C&D diversion. c) Source reduction through (1) use of materials that are more durable and easier to repair and maintain, (2) design to generate less scrap material through dimensional planning, (3) increased recycled content, (4) use of reclaimed materials, and (5) use of structural materials in a dual role as finish material (e.g., stained concrete flooring, unfinished ceilings, etc.). d) Reuse of existing structure and shell in renovation projects. e) Development of indoor recycling program and space. f) Discourage the siting of new landfills unless all other waste reduction and prevention actions have been fully explored. If landfill siting or expansion is necessary, site landfills with an adequate landfill-owned, undeveloped land buffer to minimize the potential adverse impacts of the landfill in neighboring communities. g) Discourage exporting of locally generated waste outside of the SCAG region during the construction and implementation of a project. Encourage disposal within the county where the waste originates as much as possible. Promote green technologies for long-distance transport of waste (e.g., clean engines and clean locomotives or electric rail for waste-by-rail disposal systems) and consistency with SCAQMD and Connect SoCal policies can and should be required. h) Encourage waste reduction goals and practices and look for opportunities for voluntary actions to exceed the 80 percent waste diversion target. i) Encourage the development of local markets for	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures.** It is subject to the following regulatory compliance measures that avoid or reduce the significant effects to serve landfills with sufficient permitted capacity to accommodate solid waste disposal needs, in which 75 percent of the waste stream be recycled and reduced[1] that are within the responsibility of public agencies and/or Lead Agencies: **RCM-PU-5 Solid Waste Recycling – Construction/Demolition.** In compliance with LAMC Section 66.32.1, the Project shall incorporate the following: o Prior to the issuance of any demolition or construction permit, the Applicant shall provide a copy of the receipt or contract from a waste disposal company providing services to the project, specifying recycled waste service(s), to the satisfaction of the Department of Building and Safety. The demolition and construction contractor(s) shall only contract for waste disposal services with a company that recycles demolition and/or construction-related wastes. o To facilitate on-site separation and recycling of demolition- and construction-related wastes, the contractor(s) shall provide temporary waste separation bins on-site during demolition and construction. These bins shall be emptied and the contents recycled accordingly as a part of the project's regular solid waste disposal program. **RCM-PU-6 Solid Waste Recycling – Operational.** In compliance with LAMC Section 66.32 and AB 341, the Proposed Project shall incorporate the following: o All waste shall be disposed of properly. Use appropriately labeled recycling bins to recycle demolition and construction materials including: solvents, water-

[1] *AB 341, website: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201120120AB341, accessed June 2021.*

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	waste prevention, reduction, and recycling practices by supporting recycled content and green procurement policies, as well as other waste prevention, reduction and recycling practices. j) Develop ordinances that promote waste prevention and recycling activities such as: requiring waste prevention and recycling efforts at all large events and venues; implementing recycled content procurement programs; and developing opportunities to divert food waste away from landfills and toward food banks and composting facilities. k) Develop and site composting, recycling, and conversion technology facilities that have minimum environmental and health impacts. l) Integrate reuse and recycling into residential industrial, institutional and commercial projects. m) Provide education and publicity about reducing waste and available recycling services. n) Implement or expand city or county-wide recycling and composting programs for residents and businesses. This could include extending the types of recycling services offered (e.g., to include food and green waste recycling) and providing public education and publicity about recycling services.	based paints, vehicle fluids, broken asphalt and concrete, bricks, metals, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site. o Recycling bins shall be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. These bins shall be emptied and recycled accordingly as a part of the Project's regular solid waste disposal program.
Utilities and Service Systems – Wastewater *Require Relocation, New Wastewater Treatment or Storm Drainage Facilities, Construction of Which Could Cause Significant Environmental Effect / Result in Determination By Wastewater Treatment Provider That it Has Adequate Capacity to Serve Project*	Project-Level Mitigation Measure See **MM-HYD-1**. **MM-USWW-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to reduce substantial adverse effects on utilities and service systems, particularly for construction of wastewater facilities, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: • During the design and CEQA review of individual future projects, implementing agencies and projects sponsors shall determine whether sufficient wastewater capacity exists for the proposed projects. There CEQA determinations must ensure that the proposed development can be served by its existing or planned treatment capacity. If adequate capacity does not exist, project sponsors shall coordinate with the relevant service provider to ensure that adequate public services and utilities could accommodate the increased demand, and if not, infrastructure improvements for the appropriate public service or utility shall be identified in each project's CEQA documentation. The relevant public service provider or utility shall be responsible for undertaking project-level review as necessary to provide CEQA clearance for new facilities.	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measures.** It is subject to the following regulatory programs that avoid or reduce the significant effects on utilities and service systems: **RCM-PU-1 Water Connection.** As part of the normal construction/building permit process, the Applicant shall confirm with the City that the capacity of the existing water infrastructure can supply the domestic needs of the Project during the construction and operation phase. **RCM-PU-2 Low Impact Development Plan.** Prior to issuance of grading permits, the Applicant shall submit a Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan to the City of Los Angeles Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan shall be prepared consistent with the requirements of the Development Best Management Practices Handbook. **RCM-PU-3 Water.** The Proposed Project shall

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
		comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season). **RCM-PU-4 Water.** The Proposed Project would be required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development in order to exceed the prescriptive water conservation plumbing fixture requirements of Sections 4.303.1.1 through 4.303.1.4.4 of the California Plumbing Code in accordance with the California Building Energy Efficiency Standards by 20%. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs.
Utilities and Service Systems – Water Supply *Require Relocation, New or Expanded Water Facilities, Construction of Which Could Cause Significant Environmental Effects / Have Sufficient Water Supplies to Serve Project and Future Development*	Project-Level Mitigation Measure **MM-USWS-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to ensure sufficient water supplies, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Reduce exterior consumptive uses of water in public areas, and should promote reductions in private homes and businesses, by shifting to drought-tolerant native landscape plantings, using weather-based irrigation systems, educating other public agencies about water use, and installing related water pricing incentives. b) Promote the availability of drought-resistant landscaping options and provide information on where these can be purchased. Use of reclaimed water especially in median landscaping and hillside landscaping can and should be implemented where feasible. c) Implement water conservation best practices such as low-flow toilets, water-efficient clothes washers, water system audits, and leak detection and repair. d) For projects located in an area with existing reclaimed water conveyance infrastructure and excess reclaimed water capacity, use reclaimed water for non- potable uses, especially landscape irrigation. For projects in a location planned for future	**The Proposed Project already substantially conforms with this Mitigation Measure through compliance with regulatory compliance measure.** The Proposed Project is subject to the following regulatory compliance measures that avoid or reduce the significant effects on water supplies from existing entitlements requiring new or expanded services in the vicinity of HQTAs that are in the jurisdiction and responsibility of public agencies and/or Lead Agencies: **RCM-PU-3 Water.** The Proposed Project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season). **RCM-PU-4 Water.** The Proposed Project would be required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development in order to

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
	reclaimed water service, projects should install dual plumbing systems in anticipation of future use. Large developments could treat wastewater onsite to tertiary standards and use it for non-potable uses onsite.	exceed the prescriptive water conservation plumbing fixture requirements of Sections 4.303.1.1 through 4.303.1.4.4 of the California Plumbing Code in accordance with the California Building Energy Efficiency Standards by 20%. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs.
Wildfire *Exacerbate Wildfire Risks, Expose Project Occupants to Pollutant Concentrations from Wildfire*	Project-Level Mitigation Measure **MM-WF-1:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to wildfire risk, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) Launch fire prevention education for local cities and counties such that local fire agencies, homeowners, as well as commercial and industrial businesses are aware of potential sources of fire ignition and the related procedures to curb or lessen any activities that might initiate fire ignition. b) Ensure structures in high fire risk areas are built to current state and federal standards which serve to greatly increase the chances the structure will survive a wildfire and also allow for people to shelter-in-place. c) Improve road access for emergency response and evacuation so people can evacuate safely and timely when necessary. d) Improve, and educate regarding, local emergency communications and notifications with residents and businesses. e) Enforce defensible space regulations to keep overgrown and unmanaged vegetation, accumulations of trash and other flammable material away from structures. f) Provide public education about wildfire risk and fire prevention measures, and safety procedures and practices to allow for safe evacuation and/or options to shelter-in-place. g) Include external sprinklers with an independent water source to reduce flammability of structures. h) Include local solar power paired with batteries to reduce power flow in electricity lines. i) For developments in high fire-prone areas, have a fire protection plan for residents and businesses. j) Provide fire hazard and fire safety education for homeowners in or near fire hazard areas. k) Developments in fire-prone areas should have fire-resistant feature, such as: − Ember-resistant vents − Fire-resistant roofs − Surrounding defensible space − Proper maintenance and upkeep of structures and surrounding area	**This Mitigation Measure is not applicable to the Proposed Project** as the Project Site is not located within State-designated Very High Fire Hazard Severity Zones. The Project Site, as it currently exists, is fully developed with four commercial/retail buildings and a surface parking lot and is located in a highly urbanized area of the City.

Table 4.1
Applicability of Project-Level Mitigation Measures from
Connect SoCal (2020-2045 Regional Transportation Plan / Sustainable Communities Strategy)

Topic	Measure	Applicability to the Project
Wildfire *Require Installation or Maintenance of Associated Infrastructure that May Exacerbate Fire Risks, May Result in Temporary or Ongoing Impacts to Environment / Expose People, Structures to Downslope, Downstream Flooding, Landslides Resulting from Runoff, Post-Fire Slope Stability, or Drainage Chang*	Project-Level Mitigation Measure See **MM-HAZ-4**. **MM-WF-2:** In accordance with provisions of sections 15091(a)(2) and 15126.4(a)(1)(B) of the *State CEQA Guidelines*, a Lead Agency for a project can and should consider mitigation measures to wildfire risk, as applicable and feasible. Such measures may include the following or other comparable measures identified by the Lead Agency: a) New development or infrastructure activity within very high hazard severity zones or SRAs shall be required to • Submit a fire protection plan including the designation of fire watch staff; • Maintain water and other fire suppression equipment designated solely for firefighting on site for any construction and maintenance activities; • Locate construction and maintenance equipment in designated "safe areas" such that they do not discharge combustible materials; and • Designate trained fire watch staff during project construction to reduce risk of fire hazards.	**This Mitigation Measure is not applicable to the Proposed Project.** The Project Site is not located within State-designated Very High Fire Hazard Severity Zones. The Project Site, as it currently exists, is fully developed with four commercial/retail buildings and a surface parking lot and is located in a highly urbanized area of the City.

Source: Southern California Association of Governments, Exhibit A: Mitigation Monitoring and Reporting Program for the Final Connect SoCal PEIR, adopted May 2020.

Section 5. SCEA Initial Study Checklist

Project Title: Main Street Tower Project

Environmental Case Number: ENV-2018-7379-SCEA

Related Cases: ZA-2018-7378-ZV-TDR-SPR & VTT-82463

Project Location: 1123-1161 S. Main Street and 111 W. 12th Street, Los Angeles, CA 90015

Community Plan Area: Central City

Council District: 14 – Kevin de León

Lead City Agency: City of Los Angeles, Department of City Planning

Staff Contact Name and Address: Nuri Cho
200 N. Main Street, Room 620
Los Angeles CA 90012
Phone Number: (213) 978-1177

Applicant Name and Address: Frontier Holdings West, LLC
888 S. Figueroa Street, Suite 1900
Los Angeles, CA 90017
Phone Number: (213) 745-5191

General Plan Designation: Regional Center Commercial

Zoning: C2-4D-O

PROJECT DESCRIPTION: The Proposed Project would result in the demolition of four existing commercial/retail buildings (a total of approximately 28,110 square feet of floor area) and surface parking lot and the new construction, use, and maintenance of a 30-story (340 feet above grade) mixed-use building with 363 residential dwelling units and 12,500 square feet of ground floor commercial/retail uses. The Proposed Project would include a four-story above grade parking podium with an amenity deck and a 26-story residential tower above the amenity deck. The Proposed Project would provide a total of 373 vehicle parking spaces and 195 bicycle parking spaces in accordance with the Los Angeles Municipal Code ("LAMC") requirements. Primary vehicular access for residential and commercial uses would be provided from Main Street and from the adjacent alley. The Proposed Project would provide approximately 39,601 square feet of open space pursuant to the LAMC requirements. In total, the Proposed Project would include 343,447 square feet of total floor area resulting in a floor area ratio (FAR) of 7.03:1. The Proposed Project would remove nine (9) existing

non-protected street trees in the right-of-way surrounding the Project Site: eight (8) trees along Main Street and one (1) tree along 12th Street. The Proposed Project would require approximately 5,434 cubic yards of soil to be exported from the Project Site and approximately 5,434 cubic yards of soil import.

The Project's discretionary requests include: (1) Pursuant to LAMC Sections 17.03, 17.06, and 17.15, Vesting Tentative Tract Map No. 82463 to create one master ground lot for a mixed-use project containing 363 residential units and for the export of approximately 5,434 cubic yards of soil; (2) Pursuant to LAMC Section 12.27, a Zone Variance to permit 100 percent of the parking stalls required for residential uses to be designed and maintained as compact stalls in lieu of standard spaces; (3) Pursuant to LAMC Section 14.5.7, a Transfer of Floor Area Rights (TFAR) for a transfer of 49,999 square feet of floor area to allow a total floor area of 343,447 square feet with a Floor Area Ratio (FAR) of 7.03:1; and (4) Pursuant to LAMC Section 16.05, a Site Plan Review for a development project which creates, or results in an increase of 50 or more dwelling units. The Proposed Project would also require approvals and permits from the Department of Building and Safety (and other municipal agencies) for project construction activities including, but not limited to, the following: shoring, grading, foundation, removal of existing street trees, and building and tenant improvements.

ENVIRONMENTAL SETTING: The Project Site includes eight parcels (Assessor Parcel No. 5139-017-015, 5139-017-016, 5139-017-017, 5139-017-018, and 5139-017-029) that encompasses 48,908 square feet of lot area (1.12 acres). The Project Site is currently occupied by four single-story commercial/retail buildings and a paved surface parking lot. The surrounding properties are developed with commercial/retail, office, light industrial, and mixed-use properties. (For additional detail, see "Section 3. Project Description").

Other public agencies whose approval is required (e.g. permits, financing approval, or participation agreement.): N/A

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Greenhouse Gas Emissions	☐ Public Services
☐ Agriculture and Forestry Resources	☐ Hazards & Hazardous Materials	☐ Recreation
☐ Air Quality	☐ Hydrology / Water Quality	☐ Transportation
☐ Biological Resources	☐ Land Use / Planning	☐ Tribal ghg
☐ Cultural Resources	☐ Mineral Resources	☐ Utilities / Service Systems
☐ Energy	☒ Noise	☐ Wildfire
☐ Geology / Soils	☐ Population / Housing	☒ Mandatory Findings of Significance

DETERMINATION (to be completed by Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions on the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

☒ I find that the Project is a qualified "transit priority project" that satisfies the requirements of Sections 21155 and 21155.2 of the Public Resources Code (PRC), and/or a qualified "residential or mixed use residential project" that satisfies the requirements of Section 21159.28(d) of the PRC, and although the Project could have a potentially significant effect on the environment, there will not be a significant effect in this case, because this Sustainable Communities Environmental Assessment (SCEA) Initial Study identifies measures that either avoid or mitigate to a level of insignificance all potentially significant or significant effects of the Project.

Debbie Lawrence	Senior City Planner
PRINTED NAME	**TITLE**
Debbie Lawrence	September 30, 2021
SIGNATURE	**DATE**

EVALUATION OF ENVIRONMENTAL IMPACTS:

1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less that significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of a mitigation measure has reduced an effect from "Potentially Significant Impact" to "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analysis," as described in (5) below, may be cross referenced).

5) Earlier analysis must be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR, or negative declaration. Section 15063 (c)(3)(D). In this case, a brief discussion should identify the following:

    a) Earlier Analysis Used. Identify and state where they are available for review.

    b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.

    c) Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated

7) Supporting Information Sources: A sources list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whichever format is selected.

9) The explanation of each issue should identify:

    a) The significance criteria or threshold, if any, used to evaluate each question; and

    b) The mitigation measure identified, if any, to reduce the impact to less than significance.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
PLEASE NOTE THAT EACH AND EVERY RESPONSE IN THE CITY OF LOS ANGELES INITIAL STUDY AND CHECKLIST IS SUMMARIZED FROM AND BASED UPON THE ENVIRONMENTAL ANALYSIS CONTAINED IN ATTACHEMENT B, EXPLANATION OF CHECKLIST DETERMINATIONS. PLEASE REFER TO THE APPLICABLE RESPONSE IN ATTACHMENT B FOR A DETAILED DISCUSSION OF CHECKLIST DETERMINATIONS.					
I.	**AESTHETICS**				
a.	Have a substantial adverse effect on a scenic vista?	❑	❑	❑	☒
b.	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	❑	❑	❑	☒
c.	In non-urbanized areas, substantially degrade the existing visual character or quality of public views the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	❑	❑	❑	☒
d.	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	❑	❑	❑	☒
II.	**AGRICULTURE AND FOREST RESOURCES**				
a.	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	❑	❑	❑	☒
b.	Conflict with existing zoning for agricultural use, or a Williamson Act contract?	❑	❑	❑	☒
c.	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section	❑	❑	❑	☒

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	51104(g))?				
d.	Result in the loss of forest land or conversion of forest land to non-forest use?	❑	❑	❑	☒
e.	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	❑	❑	❑	☒
III.	**AIR QUALITY**				
a.	Conflict with or obstruct implementation of the applicable air quality plan?	❑	❑	☒	❑
b.	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard	❑	❑	☒	❑
c.	Expose sensitive receptors to substantial pollutant concentrations?	❑	❑	☒	❑
d.	Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	❑	❑	☒	❑
IV.	**BIOLOGICAL RESOURCES**				
a.	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	❑	❑	☒	❑
b.	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	❑	❑	❑	☒
c.	Have a substantial adverse effect on state	❑	❑	❑	☒

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				
d.	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	❑	❑	❑	☒
e.	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	❑	❑	☒	❑
f.	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	❑	❑	❑	☒
V.	**CULTURAL RESOURCES**				
a.	Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?	❑	❑	☒	❑
b.	Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	❑	❑	☒	❑
c.	Disturb any human remains, including those interred outside of dedicated cemeteries (see Public Resources Code, Ch. 1.75 §5097.98, and Health and Safety Code §7050.5(b))??	❑	❑	☒	❑
VI.	**ENERGY**				
a	Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	❑	❑	☒	❑
b.	Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	❑	❑	☒	❑

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VII.	**GEOLOGY AND SOILS**				
a.i	Directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving: Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	❑	❑	☒	❑
a.ii.	Directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving: Strong seismic ground shaking?	❑	❑	☒	❑
a.iii.	Directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving: Seismic-related ground failure, including liquefaction?	❑	❑	☒	❑
a.iv.	Directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving: Landslides?	❑	❑	❑	☒
b.	Result in substantial soil erosion or the loss of topsoil?	❑	❑	☒	❑
c.	Be located on a geologic unit that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	❑	❑	☒	❑
d.	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	❑	❑	☒	❑
e.	Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	❑	❑	❑	☒
f.	Directly or indirectly destroy a unique	❑	❑	☒	❑

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	paleontological resource or site or unique geologic feature?				
VIII.	**GREENHOUSE GAS EMISSIONS**				
a.	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	❑	❑	☒	❑
b.	Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	❑	❑	☒	❑
IX.	**HAZARDS AND HAZARDOUS MATERIALS**				
a.	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	❑	❑	☒	❑
b.	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	❑	❑	☒	❑
c.	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	❑	❑	☒	❑
d.	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would create a significant hazard to the public or the environment?	❑	❑	☒	❑
e.	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	❑	❑	❑	☒
f.	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation	❑	❑	☒	❑

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	plan?				
g.	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	❑	❑	❑	☒
X.	**HYDROLOGY AND WATER QUALITY**				
a.	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	❑	❑	☒	❑
b.	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	❑	❑	☒	❑
c.i	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: Result in substantial erosion or siltation on- or off-site;	❑	❑	☒	❑
c.ii	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	❑	❑	☒	❑
c.iii	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	❑	❑	☒	❑

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c.iv	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: Impede or redirect flood flows?	❑	❑	❑	☒
d.	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	❑	❑	☒	❑
e.	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	❑	❑	☒	❑
XI.	**LAND USE AND PLANNING**				
a.	Physically divide an established community?	❑	❑	❑	☒
b.	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	❑	❑	☒	❑
XII.	**MINERAL RESOURCES**				
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	❑	❑	❑	☒
b.	Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	❑	❑	❑	☒
XIII.	**NOISE**				
a.	Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	❑	☒	❑	❑
b.	Generation of excessive groundborne vibration or groundborne noise levels?	❑	❑	☒	❑
c.	For a project located within the vicinity of a private airstrip or an airport land use plan	❑	❑	❑	☒

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				
XIV.	**POPULATION AND HOUSING**				
a.	Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	❑	❑	☒	❑
b.	Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	❑	❑	❑	☒
XV.	**PUBLIC SERVICES**				
	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a.	Fire protection?	❑	❑	☒	❑
b.	Police protection?	❑	❑	☒	❑
c.	Schools?	❑	❑	☒	❑
d.	Parks?	❑	❑	☒	❑
e.	Other public facilities?	❑	❑	☒	❑
XVI.	**RECREATION**				
a.	Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the	❑	❑	☒	❑

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	facility would occur or be accelerated?				
b.	Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	❑	❑	☒	❑
XVII. TRANSPORTATION					
a.	Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	❑	❑	☒	❑
b.	Conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b)?	❑	❑	☒	❑
c.	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	❑	❑	☒	❑
d.	Result in inadequate emergency access?	❑	❑	☒	❑
XVIII. TRIBAL CULTURAL RESOURCES					
	Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a.	Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	❑	❑	☒	❑
b.	A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section	❑	❑	☒	❑

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
	5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.				
XIX. UTILITIES AND SERVICE SYSTEMS					
a.	Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	❑	❑	☒	❑
b.	Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	❑	❑	☒	❑
c.	Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	❑	❑	☒	❑
d.	Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	❑	❑	☒	❑
e.	Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	❑	❑	☒	❑
XX. WILDFIRE					
a.	Substantially impair an adopted emergency response plan or emergency evacuation plan?	❑	❑	❑	☒
b.	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	❑	❑	❑	☒

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c.	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	❑	❑	❑	☒
d.	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	❑	❑	❑	☒
XXI.	**MANDATORY FINDINGS OF SIGNIFICANCE**				
a.	Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	❑	❑	☒	❑
b.	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	❑	❑	☒	❑
c.	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	❑	☒	❑	❑

SUMMARY OF MITIGATION MEASURES, REGULATORY COMPLIANCE MEASURES, AND PROJECT DESIGN FEATURES

I. AESTHETICS

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-AES-1 Signage on Construction Barriers

- Pursuant to LAMC Section 14.4.17 requires that the exterior of all buildings and fences shall be free from graffiti when such graffiti is visible from a street or alley. The City also requires the Applicant to affix or paint a plainly visible sign, on publicly accessible portions of the construction barriers, with the following language: "POST NO BILLS." Such language shall appear at intervals of no less than 25 feet along the length of the publicly accessible portions of the barrier. The Applicant is responsible for maintaining the visibility of the required signage and for maintaining the construction barrier free and clear of any unauthorized signs within 24 hours of occurrence.

Project Design Features

PDF-AES-1 Construction Barrier

- The Project shall install temporary fencing around the perimeter of the Project Site for security purposes and to block views of the Project Site from the pedestrian level. The Applicant shall ensure through daily visual inspections that no unauthorized materials are posted on any temporary construction barriers or temporary pedestrian walkways that are accessible/visible to the public, and that such temporary barriers and walkways are maintained in a visually attractive manner (i.e., free of unauthorized signs, trash, graffiti, etc.) throughout the duration of construction.

II. AGRICULTURE AND FORESTRY RESOURCES

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project.

Project Design Features

No project design features are identified for the Proposed Project.

III. AIR QUALITY

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-AQ-1 Site Clearing, Grading and Construction Activities

- Compliance with provisions of the SCAQMD District Rule 403. The project shall comply with all applicable standards of the Southern California Air Quality Management District, including the following provisions of District Rule 403:
    - All unpaved demolition and construction areas shall be wetted at least twice daily during excavation and construction, and temporary dust covers shall be used to reduce dust emissions and meet SCAQMD District Rule 403. Wetting could reduce fugitive dust by as much as 50 percent.
    - The construction area shall be kept sufficiently dampened to control dust caused by grading and hauling, and at all times provide reasonable control of dust caused by wind.
    - All clearing, earth moving, or excavation activities shall be discontinued during periods of high winds (i.e., greater than 15 mph), so as to prevent excessive amounts of dust.
    - All dirt/soil loads shall be secured by trimming, watering or other appropriate means to prevent spillage and dust.
    - All dirt/soil materials transported off-site shall be either sufficiently watered or securely covered to prevent excessive amount of dust.
    - General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions.
    - Trucks having no current hauling activity shall not idle but be turned off.

RCM-AQ-2 The Project shall comply with South Coast Air Quality Management District Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil, which sets requirements to control the emission of VOC from excavating, grading,

handling and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition.

RCM-AQ-3 The Project shall comply with South Coast Air Quality Management District Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities, which specify work practice requirements to limit asbestos emissions from building demolition and renovation activities, including the removal and associated disturbance of asbestos-containing materials (ACM).

RCM-AQ-4 In accordance with Sections 2485 in Title 13 of the California Code of Regulations, the idling of all diesel fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location.

RCM-AQ-5 In accordance with Section 93115 in Title 17 of the California Code of Regulations, operation of any stationary, diesel-fueled, compression-ignition engines shall meet specified fuel and fuel additive requirements and emission standards.

RCM-AQ-6 The Project shall comply with South Coast Air Quality Management District Rule 1113 limiting the volatile organic compound content of architectural coatings.

RCM-AQ-7 The Project shall comply with South Coast Air Quality Management District Rule 1108 limiting the volatile organic compound content from cutback asphalt.

RCM-AQ-8 The Project shall install odor-reducing equipment in accordance with South Coast Air Quality Management District Rule 1138.

RCM-AQ-9 New on-site facility nitrogen oxide emissions shall be minimized through the use of emission control measures (e.g., use of best available control technology for new combustion sources such as boilers and water heaters) as required by South Coast Air Quality Management District Regulation XIII, New Source Review.

Project Design Features

No project design features are identified for the Proposed Project.

IV. BIOLOGICAL RESOURCES

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-BIO-1 **Tree Removal (Public Right-of-Way)**. Removal of trees in the public right-of-way requires approval by the Board of Public Works. The required Tree Report shall include the location, size, type, and condition of all existing trees in the adjacent public right-of-way and shall be submitted for review and approval by the Urban Forestry Division of the Bureau of Street Services, Department of Public Works. The plan shall contain measures recommended by the tree expert for the preservation of as many trees as possible. The number, type and size of replacement trees to be provided in the public right-of-way shall be provided per the current Urban Forestry Division standards and to the satisfaction of the Department of Public Works.

RCM-BIO-2 **Habitat Modification (Nesting Native Birds).** Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).

If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:

- Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.
- If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
- Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
- The Applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record

shall be submitted and received into the case file for the associated discretionary action permitting the project.

Project Design Features

No project design features are identified for the Proposed Project.

V. CULTURAL RESOURCES

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-CR-1 **Archaeological.** In the event that cultural resources (sites, features, artifacts, or fossilized material) are exposed during construction activities for the Proposed Project, all construction work occurring in the vicinity of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Depending upon the significance and nature of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing or data recovery may be warranted.

RCM-CR-2 (**Human Remains).** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed:

- Stop immediately and contact the County Coroner:
  1104 N. Mission Road
  Los Angeles, CA 90033
  (323) 343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
  (323) 343-0714 (After Hours, Saturday, Sunday, and Holidays)
- If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC).
- The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American.

- The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
- If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC

Project Design Features

No project design features are identified for the Proposed Project.

VI. ENERGY

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project

Project Design Features

No project design features are identified for the Proposed Project.

VII. GEOLOGY AND SOILS

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-GEO-1 **Geology (Erosion/Grading/Short-Term Construction Impacts).** The Applicant shall provide a staked signage at the site with a minimum of 3-inch lettering containing contact information for the Senior Street Use Inspector (Department of Public Works), the Senior Grading Inspector (LADBS) and the hauling or general contractor.

RCM-GEO-2 **Geology (Erosion/Grading/Short-Term Construction Impacts).** Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. The Applicant shall implement Best Management Practices ("BMPs") during grading and excavation to reduce erosion, including, but not limited to the following:

- Excavation and grading activities shall be scheduled during dry weather periods to the extent practical. If grading occurs during the rainy season

(October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.

- Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

RCM-GEO-3 **Paleontological.** Under California Public Resources Code Sections 5097.5 and 30244, if any paleontological materials are encountered during the course of project development, all further development activities shall halt and:

- The services of a paleontologist shall then be secured by contacting the Center for Public Paleontology - USC, UCLA, California State University Los Angeles, California State University Long Beach, or the Los Angeles County Natural History Museum - who shall assess the discovered material(s) and prepare a survey, study or report evaluating the impact.
- The paleontologist's survey, study or report shall contain a recommendation(s), if necessary, for the preservation, conservation, or relocation of the resource.
- The applicant shall comply with the recommendations of the evaluating paleontologist, as contained in the survey, study or report.
- Project development activities may resume once copies of the paleontological survey, study or report are submitted to the Los Angeles County Natural History Museum.

Project Design Features

No project design features are identified for the Proposed Project.

VIII. GREENHOUSE GAS EMISSIONS

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-GHG-1 The Project must meet Title 24 2016 standards and include ENERGY STAR appliances. Energy Star-rated appliances would reduce the projects energy demand during the operational life of the multi-family dwelling units.

RCM-GHG-2 The Project is subject to construction and demolition waste recycling of at least 65 percent, per Section 4.408.1 of Title 24 Part 11, California Green Building Standards Code (CALGreen). In addition, Project Site operations are subject to AB 939 requirements to divert 50 percent of solid waste to landfills through source reduction, recycling, and composting. Finally, the Project is required by

the California Solid Waste Reuse and Recycling Access Act of 1991 to provide adequate storage areas for collection and storage of recyclable waste materials.

RCM-GHG-3 As mandated by the LA Green Building Code, the Project is required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development by at least 20 percent. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs.

RCM-GHG-4 The Project must comply with the electric vehicle ready and electric vehicle charging requirements set forth in Ordinance No. 186,485.

RCM-GHG-5 Greenhouse Gas Emissions (Green Building Code): In accordance with the City of Los Angeles Green Building Code (Chapter IX, Article 9, of the Los Angeles Municipal Code), the Project shall comply with all applicable mandatory provisions of the Los Angeles Green Code and as it may be subsequently amended or modified.

RCM-GHG-6 The Project shall comply with City Ordinance No. 184,248 (effective June 2016) amended provisions of Articles 4 and 9 of Chapter IX of the LAMC which establish citywide water efficiency standards and require water-saving systems and technologies in buildings and landscapes to conserve and reduce water usage.

Indoor Water Use. Pursuant to Section 99.04.303.4 of the LAMC, a 20% reduction in the overall use of potable water within a building shall be provided. The reduction shall be based on the maximum allowable water use per plumbing fixture and fittings as required by the Los Angeles Building Standards.

Outdoor Water Use. Pursuant to Section 99.04.304.1, a water budget shall be developed for landscape irrigation use that conforms to the local water efficient landscape ordinance or to the California Department of Water Resources' Model Water Efficient Landscape Ordinance, whichever is more stringent. Additionally, in new residential construction or building addition or alteration over 500 square feet of cumulative landscaped area, install irrigation controllers and sensors which include the criteria specified in Section 99.04.304.2 and meet manufacturer's recommendations. Furthermore, outdoor water metering, swimming pool covers, and exterior faucets are regulated under the LAMC Section 99.04.304 for outdoor water usage.

Project Design Features

No project design features are identified for the Proposed Project.

IX. HAZARDS AND HAZARDOUS MATERIALS

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-HAZ-1 **Asbestos.** Due to the age of the building(s) being demolished, toxic and/or hazardous construction materials may be located in the structure(s). Exposure to such materials during demolition or construction activities could be hazardous to the health of the demolition workers, as well as area residents, employees, and future occupants. Prior to the issuance of any permit for the demolition or alteration of the existing structure(s), the applicant shall provide a letter to the Department of Building and Safety from a qualified asbestos abatement consultant indicating that no Asbestos-Containing Materials (ACM) are present in the building. If ACMs are found to be present, it will need to be abated in compliance with the South Coast Air Quality Management District's Rule 1403 as well as all other applicable State and Federal rules and regulations.

RCM-HAZ-2 **Methane Mitigation System.** The Proposed Project shall provide a methane mitigation system as required by Table 71 in Section 2. Division 71 of Article 1, Chapter IX of the Los Angeles Municipal Code based on the Site Design Level I.

Project Design Features

No project design features are identified for the Proposed Project.

X. HYDROLOGY AND WATER QUALITY

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-HYD-1 **National Pollutant Discharge Elimination System General Permit.** Prior to issuance of a grading permit, the Applicant shall obtain coverage under the State Water Resources Control Board National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, National Pollutant Discharge Elimination System No. CAS000002) (Construction General Permit) for the Proposed Project. The Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of

coverage under the Construction General Permit. A Storm Water Pollution Prevention Plan shall be prepared and implemented for the Proposed Project in compliance with the requirements of the Construction General Permit. The Storm Water Pollution Prevention Plan shall identify construction Best Management Practices to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in stormwater runoff as a result of construction activities.

RCM-HYD-2 **Stormwater Pollution (Demolition, Grading, and Construction Activities).** Sediment carries with it other work-site pollutants such as pesticides, cleaning solvents, cement wash, asphalt, and car fluids that are toxic to sea life.

- Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.

- All vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains. All major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills.

- Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.

- Dumpsters shall be covered and maintained. Uncovered dumpsters shall be placed under a roof or be covered with tarps or plastic sheeting.

RCM-HYD-3 **Standard Urban Stormwater Mitigation Plan.** Prior to the issuance of a grading permit, the Project shall comply with the SUSMP and/or the Site Specific Mitigation Plan to mitigate stormwater pollution as required by Ordinance Nos. 172,176 and 173,494. The appropriate design and application of BMP devices and facilities shall be determined by the Watershed Protection Division of the Bureau of Sanitation, Department of Public Works.

RCM-HYD-4 **Low Impact Development Plan.** Prior to issuance of grading permits, the Applicant shall submit a Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan to the City of Los Angeles Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan shall be prepared consistent with the requirements of the Development Best Management Practices Handbook.

RCM-HYD-5 **Best Management Practices.** The Best Management Practices shall be designed to retain or treat the runoff from a storm event producing 0.75 inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, which ever is greater, in accordance with the Development Best

Management Practices Handbook Part B Planning Activities. A signed certificate from a licensed civil engineer or licensed architect confirming that the proposed Best Management Practices meet this numerical threshold standard shall be provided.

Project Design Features

No project design features are identified for the Proposed Project.

XI. LAND USE AND PLANNING

Mitigation Measures

No mitigation measures are required.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project.

Project Design Features

No project design features are identified for the Proposed Project.

XII. MINERAL RESOURCES

Mitigation Measures

No mitigation measures are required.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project.

Project Design Features

No project design features are identified for the Proposed Project.

XIII. NOISE

Mitigation Measures

Increased Noise Levels (Demolition, Grading, and Construction Activities)

MM-N-1 Construction and demolition shall be restricted to the hours of 7:00 AM to 6:00 PM Monday through Friday, and 8:00 AM to 6:00 PM on Saturday.

MM-N-2 Demolition and construction activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously, which causes high noise levels.

MM-N-3 The project contractor shall use power construction equipment with noise shielding and muffling devices.

MM-N-4 The project contractor shall erect a minimum 8-foot high temporary noise-attenuating sound barrier along the perimeter of the Project Site during construction. The sound barrier along the 12th Street frontage shall be designed to provide a minimum sound attenuation of -18 dBA at Sensitive Receptor #1 (the Axis Apartments Mixed-Use Building located at 1201 S. Main Street) and a minimum of 2.1 dBA at Sensitive Receptor #2 (the Proper Hotel located at 1100 S. Broadway).

MM-N-5 During structural framing, the project contractor shall utilize temporary portable acoustic barriers, partitions, or acoustic blankets to effectively block the line-of-sight between noise producing equipment and the adjacent residential land uses for purposes of ensuring noise levels at the adjacent sensitive receptors does not exceed 5 dBA over the ambient noise levels.

Regulatory Compliance Measures

RCM-N-1 The Project shall comply with the City of Los Angeles Noise Ordinance No. 144,331 and 161,574, and any subsequent ordinances, which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically infeasible.

RCM-N-2 The Project shall comply with the City of Los Angeles Building Regulations Ordinance No. 178,048, which requires a construction site notice to be provided that includes the following information: job site address, permit number, name and phone number of the contractor and owner or owner's agent, hours of construction allowed by code or any discretionary approval for the site, and City telephone numbers where violations can be reported. The notice shall be posted and maintained at the construction site prior to the start of construction and displayed in a location that is readily visible to the public.

Project Design Features

No project design features are identified for the Proposed Project.

XIV. POPULATION AND HOUSING

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project.

Project Design Features

No project design features are identified for the Proposed Project.

XV. PUBLIC SERVICES

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-PS-1 **Public Services (LAFD).** The following recommendations of the Fire Department relative to fire safety shall be incorporated into the building plans, which includes the submittal of a plot plan for approval by the Fire Department either prior to the recordation of a final map or the approval of a building permit. The plot plan shall include the following minimum design features:

- Fire lanes, where required, shall be a minimum of 20 feet in width;
- All structures must be within 300 feet of an approved fire hydrant; and
- Entrances to any dwelling unit or guest room shall not be more than 150 feet in distance in horizontal travel from the edge of the roadway of an improved street or approved fire lane.
- Prior to plan check review, the Project Applicant shall consult with the Los Angeles Fire Department regarding the installation of public and/or private fire hydrants, sprinklers, access, and/or other fire protection features within the Project. All required fire protection features shall be installed to the satisfaction of the Los Angeles Fire Department.

RCM-PS-2 **Public Services (Schools).** The Applicant shall pay school fees to the Los Angeles Unified School District to offset the impact of additional student enrollment at schools serving the project area

RCM-PS-3 **Recreation (Increased Demand for Parks or Recreational Facilities).** Pursuant to Sections 12.33 and/or 17.12 of the Los Angeles Municipal Code, the Project Applicant shall pay the applicable Quimby fees for construction of dwelling units.

Project Design Features

PDF-PS-1 **Public Services (Police – Demolition / Construction Sites).** Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances.

PDF-PS-2 **Public Services (Police – Operation).** The plans shall incorporate the design guidelines relative to security, semi-public and private spaces, which may include but not be limited to: surveillance cameras, access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed.

XVI. RECREATION

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project.

Project Design Features

No project design features are identified for the Proposed Project.

XVII. TRANSPORTATION

Mitigation Measures

No mitigation measures are required fort the Proposed Project.

Regulatory Compliance Measures

RCM-TRAFFIC-1: **Parking Requirements.** In accordance with the LAMC, the project shall provide a total of 373 residential and commercial vehicle parking spaces 23 short-term bicycle parking spaces and 172 long-term bicycle parking spaces on-site.

RCM-TRAFFIC-2: **Highway Dedication and Street Widening Requirements.** Per the Mobility Element of the General Plan, Main Street, Modified Avenue I, would require a 34-foot half-width roadway within a 50-foot half-width right-of-way; 12th Street, a Modified Collector Street, would require a 20-foot half-width roadway within a 32-foot half-width right-of-way; and the adjacent alley would require a 10-foot half-width right-of-way. The applicant shall provide the required street dedication and improvements in accordance with Case No. VTT-82463.

RCM-TRAFFIC-3 **Development Review Fees.** Section 19.15 of the LAMC identifies specific fees for traffic study review, condition clearance, and permit issuance. The applicant shall comply with any applicable fees per this ordinance.

Project Design Features

PDF-TRAFFIC-1 **Project Access and Circulation.** In order to minimize and prevent last minute building design changes, the applicant shall contact DOT for driveway width and internal circulation requirements prior to the commencement of building or parking layout design.

PDF-TRAFFIC-2 **Worksite Traffic Control Requirements.** The Applicant shall prepare and submit a construction work site traffic control plan to DOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of any construction work. Refer to http://ladot.lacity.org/what-wedo/plan-review to determine which section to coordinate review of the work site traffic control plan. The plan shall identify the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related truck traffic be restricted to off-peak hours to the extent feasible.

PDF-TRAFFIC-3 **Pedestrian Safety.** The Proposed Project shall include the following features to improve pedestrian facilities and to provide a safe and walkable pedestrian environment, to increase the number of walking trips, and provide for on-site facilities to reduce the need to make vehicle trips off-site.

- Improve sidewalks adjacent to and within the Project.
- Add pedestrian amenities such as: landscaping and setbacks, shade, benches, pedestrian- scale lighting, etc., along Main Street and 12th Street.
- Provide pedestrian-scale retail commercial uses along street frontages.
- Provide an on-site transit information kiosk.
- Provide on-site concierge service to facilitate use of transit, taxis, shuttles, and transportation network companies.

XVIII. TRIBAL CULTURAL RESOURCES

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project.

Project Design Features

No project design features are identified for the Proposed Project.

XIX. UTILITIES AND SERVICE SYSTEMS

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

RCM-PU-1 **Water Connection.** As part of the normal construction/building permit process, the Applicant shall confirm with the City that the capacity of the existing water infrastructure can supply the domestic needs of the Project during the construction and operation phase.

RCM-PU-2 **Low Impact Development Plan.** Prior to issuance of grading permits, the Applicant shall submit a Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan to the City of Los Angeles Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan shall be prepared consistent with the requirements of the Development Best Management Practices Handbook.

RCM-PU-3 **Water.** The project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season).

RCM-PU-4 **Water.** The Proposed Project is required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development in order to exceed the prescriptive water conservation plumbing fixture requirements of Sections 4.303.1.1 through 4.303.1.4.4 of the California Plumbing Code in accordance with the California Building Energy Efficiency Standards by 20%. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs.

RCM-PU-5 **Solid Waste Recycling - Construction/Demolition.** In compliance with LAMC Section 66.32.1, the Project shall incorporate the following:

- Prior to the issuance of any demolition or construction permit, the Applicant shall provide a copy of the receipt or contract from a waste disposal company providing services to the project, specifying recycled waste service(s), to the satisfaction of the Department of Building and Safety. The demolition and construction contractor(s) shall only contract for waste disposal services with a company that recycles demolition and/or construction-related wastes.
- To facilitate on-site separation and recycling of demolition- and construction-related wastes, the contractor(s) shall provide temporary waste separation bins on-site during demolition and construction. These bins shall be emptied and the contents recycled accordingly as a part of the project's regular solid waste disposal program.

RCM-PU-6 **Solid Waste Recycling – Operational.** In compliance with LAMC Section 66.32 and AB 341, the Project shall incorporate the following:

- All waste shall be disposed of properly. Use appropriately labeled recycling bins to recycle demolition and construction materials including: solvents, water-based paints, vehicle fluids, broken asphalt and concrete, bricks, metals, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.
- Recycling bins shall be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. These bins shall be emptied and recycled accordingly as a part of the Project’s regular solid waste disposal program.

Project Design Features

No project design features are identified for the Proposed Project.

XX. WILDFIRE

Mitigation Measures

No mitigation measures are required for the Proposed Project.

Regulatory Compliance Measures

No regulatory compliance measures are identified for the Proposed Project.

Project Design Features

No project design features are identified for the Proposed Project.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE

See above mitigation measures, regulatory compliance measures, and project design features.

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Section 6. Sustainable Communities Environmental Analysis

This section of the SCEA contains an assessment and discussion of impacts associated with the environmental issues and subject areas identified in the Initial Study Checklist (Appendix G to the State CEQA Guidelines, (C.C.R. Title 14, Chapter 3, 15000-15387).

Pursuant to PRC Section §21155.2(b), the SCEA is required to identify all significant or potentially significant impacts of the transit priority project, other than those which do not need to be reviewed pursuant to Section 21159.28 based on substantial evidence in light of the whole record. The SCEA would also be required to identify any cumulative effects that have been adequately addressed and mitigated in prior applicable certified environmental impact reports. The following analysis discusses the following topics:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Wildfire
- Mandatory Findings of Significance

I. Aesthetics

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099 would the project:				
a. Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	☒
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☐	☒

Senate Bill 743 – Environmental Quality: Transit Oriented Infill Projects

In 2013, the State of California enacted Senate Bill 743 (SB 743),[1] which provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment." Public Resources Code Section 21099 defines a "transit priority area" as an area within one-half mile of a major transit stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." Public Resources Code Section 21064.3 defines "Major Transit Stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." Public Resources Code Section 21061.3 defines an "Infill Site" as a lot located within an urban area that has been previously developed, or on a vacant site where at least 75 percent of the

[1] *SB 743 is codified as Public Resources Code Section 21099.*

perimeter of the site adjoins, or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses. This state law supersedes the aesthetic impact thresholds of significance that were previously adopted in the *L.A. CEQA Thresholds Guide* (2006). The Project Site is also designated as a Transit Priority Area per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA.[2]

SB 743 defines an infill site as a lot located within an urban area that has been previously developed, or a vacant site where at least 75 percent of the perimeter of the site adjoins, or is separated only by an improved public right-of-way from parcels that are developed with qualified urban uses. The Project Site meets this definition. The roadways adjacent to the Project Site are served by several bus lines managed by multiple transit operators that include the Los Angeles County Metropolitan Transportation Authority ("Metro"), LADOT DASH and Commuter Express, Santa Monica Big Blue Bus ("BBB"), and the City of Gardena ("Gtrans"). The Project Site's proximity to the Pico Rail Station, approximately one-half mile west, and the 7th Street / Metro Center Station, approximately three-quarters mile north, provide transfer opportunities to other Metro rail services, Amtrak, Metrolink, and numerous bus routes served by Metro, LADOT, and municipal bus operators. The bus lines within a "reasonable walking distance" (approximately one-quarter mile) of the Project include (2/302, 4, 10, 14, 37, 30/330, 33, 35, 38, 40, 45, 48, 55/355, 66, 70, 71, 76, 78, 79/378, 83, 90/91, 92, 94, 96, 733, 745, 770, and 794). The LADOT DASH line (DASH Downtown E) runs along Los Angeles Street, with the nearest bus stop located at E. 11th Street. Accordingly, the Proposed Project's aesthetic impacts shall not be considered significant impacts on the environment pursuant to Public Resources Code Section 21099. While Section 21099 prohibits aesthetic impacts from being considered significant environmental impacts pursuant to CEQA, it does not affect the ability of the City of Los Angeles to implement design review through its ordinances or other discretionary powers.

a) Have a substantial adverse effect on a scenic vista?

No Impact. The Proposed Project is classified as a mixed-use residential and commercial project on an infill lot in a TPA. No scenic views or vistas characterize the Project Site or immediately surrounding project area. The Project Site is located in Downtown Los Angeles. The surrounding properties are developed with commercial/retail, multi-family residential, and parking lots. As such, no impact to scenic vistas would occur. ***Pursuant to ZI No. 2452 and SB 743, aesthetic impacts "shall not be considered significant impacts on the environment" as a matter of law.***

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings, or other locally recognized desirable aesthetic natural feature within a state scenic highway?

No Impact. The Project Site is developed with four commercial/retail buildings and a surface parking lot. There are no rock outcroppings or unique geologic features on the Project Site. The

[2] *City of Los Angeles, Department of City Planning, Zoning Information File, ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, website: http://zimas.lacity.org/, accessed July 2021.*

Project Site is not bordered by or within the viewshed of any designated scenic highways identified in the Mobility Element of the City of Los Angeles General Plan. Neither Main Street, 11th Street, 12th Street, nor Broadway are designated as a scenic highway. Moreover, the Project Site does not contain any native vegetation or locally protected tree species.[3] There are eight street trees on the public right-of-way on the west side of Main Street and one street tree on the public right-of-way on the north side of 12th Street, adjacent to the Project Site. All nine street trees will be removed, eight of which will be replaced.[4] The removal of landscaped street trees would result in less than significant impact as these trees would be replaced in consultation with the Department of Urban Forestry. As such, no impact would occur to scenic resources within a scenic highway. ***Pursuant to ZI No. 2452 and SB 743, aesthetic impacts "shall not be considered significant impacts on the environment" as a matter of law.***

c) In non-urbanized areas, substantially degrade the existing visual character or quality of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

No Impact. As discussed above in response to Checklist Questions I (a) and (b), above, the Project Site is located in an urbanized area and is developed with four commercial/retail buildings and a surface parking lot. The Project Site is currently zoned C2-4D-O and has a land use designation of Regional Center Commercial in the Central City Community Plan. There is no height limit for development on the Project Site. Construction of the Proposed Project would entail demolition of all existing buildings and the new construction of a 30-story mixed-use residential and commercial building.

With respect to construction impacts on the visual quality of the Project Site, the Applicant would incorporate PDF-AES-1, which would install temporary fencing around the perimeter of the Project Site for security purposes and to block views of the Project Site from the pedestrian level. Installation of temporary fencing and compliance with the applicable regulatory measures would further reduce visual impacts caused during the construction of the Proposed Project. For example, temporary signs on temporary construction walls shall comply with the construction requirements of LAMC Section 14.4.16 E. Pursuant to LAMC Section 14.4.17, the Applicant would also be required to maintain the construction barrier to be free and clear of any unauthorized signs and graffiti within 24 hours of occurrence (see regulatory compliance measure RCM-AES-1). Compliance with these regulatory requirements would ensure the scenic quality of the Project Site during construction.

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[3] *The Tree Resource, Tree Report, Property at 1123-1161 S. Main Street, Los Angeles, CA 90015, October 18, 2018 (See Appendix B).*

[4] *The Tree Resource, Tree Report, Property at 1123-1161 S. Main Street, Los Angeles, CA 90015, October 18, 2018 (See Appendix B). (The ninth tree is only a stump and is not required to be replaced.)*

Project Design Features

PDF-AES-1 **Construction Barrier.** The Project shall install temporary fencing around the perimeter of the Project Site for security purposes and to block views of the Project Site from the pedestrian level. The Applicant shall ensure through daily visual inspections that no unauthorized materials are posted on any temporary construction barriers or temporary pedestrian walkways that are accessible/visible to the public, and that such temporary barriers and walkways are maintained in a visually attractive manner (i.e., free of unauthorized signs, trash, graffiti, etc.) throughout the duration of construction.

Regulatory Compliance Measures

RCM-AES-1 **Signage on Construction Barriers.** Pursuant to LAMC Section 14.4.17 requires that the exterior of all buildings and fences shall be free from graffiti when such graffiti is visible from a street or alley. The City also requires the Applicant to affix or paint a plainly visible sign, on publicly accessible portions of the construction barriers, with the following language: "POST NO BILLS." Such language shall appear at intervals of no less than 25 feet along the length of the publicly accessible portions of the barrier. The Applicant is responsible for maintaining the visibility of the required signage and for maintaining the construction barrier free and clear of any unauthorized signs within 24 hours of occurrence.

With respect to building design, the tower would have multiple elevations. Exterior building materials/features would include concrete, metal panels and screens, and aluminum window frame and glazing. As discussed in further detail in Response to Checklist Question XI, Land Use, the Proposed Project would be in conformance with the Downtown Design Guide, the LAMC, and the applicable provisions of the General Plan governing scenic quality. As such, no impacts would occur with respect to conflicts with applicable zoning or other regulations governing scenic quality. ***Pursuant to ZI No. 2452 and SB 743, aesthetic impacts "shall not be considered significant impacts on the environment" as a matter of law.***

d) Create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?

No Impact. The determination of whether the Proposed Project results in a significant nighttime illumination impact is generally made considering the following factors: (a) the change in ambient illumination levels as a result of Proposed Project sources; and (b) the extent to which Proposed Project lighting would spill off the Project Site and affect adjacent light-sensitive areas. The Proposed Project does not propose any digital signs or bright illuminated signage that would significantly increase lighting in the local area. Project lighting would be limited to interior lights within residential and retail spaces, which may be visible through windows, and low-level exterior lighting for safety purposes and building identification signage. The Proposed Project would be required to submit a master sign plan as part of the Downtown Design Guide

checklist identifying all sign types and location in relation to the building structure, walkways, and landscapes areas. As such, no impacts would occur with respect to the Proposed Project's lighting impacts and impacts related to light trespass or glare. ***Pursuant to ZI No. 2452 and SB 743, aesthetic impacts "shall not be considered significant impacts on the environment" as a matter of law.***

Cumulative Impacts

No Impact. As mentioned above, Public Resources Code Section 21099 provides that the aesthetic impacts of a mixed-use project, such as the Proposed Project, upon an infill site within a transit priority area shall not be considered significant impacts on the environment. Therefore, cumulative aesthetic impacts would be less than significant. ***Under SB 743 and ZI No. 2452, aesthetic impacts of the Proposed Project shall not be considered a significant impact on the environment.***

II. Agriculture and Forestry Resources

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. A significant impact may occur if a project were to result in the conversion of State-designated agricultural land from agricultural use to another non-agricultural use. The Project Site is currently occupied by four commercial/retail buildings and a surface parking lot. The Project Site is also located in an urbanized area of the City. No farmland or agricultural activity exists on the Project Site, nor are there any farmland or agricultural activities in the vicinity of the Project Site. According to the "Los Angeles County Important Farmland 2016" map, which was prepared by the California Department of Conservation, Division of Land Resource Protection, the soils at the Project Site are not candidate for listing as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.[5] ***Therefore, the Proposed Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use and no impact to agricultural lands would occur.***

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

No Impact. The Project Site is located within the jurisdiction of the City and is, therefore, subject to the applicable land use and zoning requirements in the LAMC. The Project Site is zoned C2-4D-O with a General Plan land use designation of Regional Center Commercial. The Project Site is not zoned for agricultural production, and there is no farmland at the Project Site. In addition, no Williamson Act Contracts are in effect for the Project Site.[6] ***Therefore, the Proposed Project would not conflict with existing zoning for agricultural use, or a Williamson Act contract, and no impact would occur.***

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No Impact. The Project Site is C2-4D-O and has a land use designation of Regional Center Commercial in the Central City Community Plan. The Project Site is not zoned as forest land or timberland, and there is no timberland production at the Project Site. ***Therefore, the Proposed Project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production and no impact would occur.***

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The Project Site is occupied by four commercial/retail buildings and a surface parking lot. The Project Site is also located in a highly urbanized area of the City. No forested

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[5] *State of California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program, Los Angeles County Important Farmland 2016, Map. ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2016/los16.pdf, accessed February 2019.*

[6] *Williamson Act Program, California Division of Land Resource Protection, website ftp://ftp.consrv.ca.gov/pub/dlrp/wa/LA_15_16_WA.pdf, accessed February 2019.*

lands or natural vegetation exist on or in the vicinity of the Project Site. ***Therefore, the Proposed Project would not result in the loss of forest land or conversion of forest land to non-forest use and no impact would occur.***

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?

No Impact. A significant impact may occur if a project results in the conversion of farmland to another non-agricultural use. Neither the Project Site, nor nearby properties, are currently utilized for agricultural or forestry uses. As discussed above, the Project Site is not classified in any "Farmland" category designated by the State of California. According to the "Los Angeles County Important Farmland 2016" map, which was prepared by the California Department of Conservation, Division of Land Resource Protection, the soils at the Project Site is not candidates for listing as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. ***Therefore, the Proposed Project would not result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use and no impact would occur.***

Cumulative Impacts

No Impact. Development of the Proposed Project in combination with the related projects would not result in the conversion of State-designated agricultural land from agricultural use to a non-agricultural use, nor result in the loss of any forest land or conversion of forest land to non-forest use. The Los Angeles County Important Farmland 2016 Map maintained by the California Division of Land Resource Protection indicates that the Project Site and the surrounding area are not included in the Important Farmland category.[7] The Project Site is located in a highly urbanized area in the Central City Community within the City and does not include any State-designated agricultural lands or forest uses. ***Therefore, no cumulative impact to agricultural or forestry resources would occur.***

[7] *Ibid.*

III. Air Quality

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard	☐	☐	☒	☐
c. Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Regulatory Setting

Federal

Clean Air Act

The Federal Clean Air Act (CAA) was first enacted in 1955 and has been amended numerous times in subsequent years, with the most recent amendments occurring in 1990. At the federal level, the United States Environmental Protection Agency (USEPA) is responsible for implementing some portions of the CAA (e.g., certain mobile source and other requirements). Other portions of the CAA (e.g., stationary source requirements) are implemented by state and local agencies. In California the California Clean Air Act (CCAA) is administered by the California Air Resources Board (CARB) at the state level and by the air quality management districts and air pollution control districts at the regional and local levels.

The 1990 amendments to the CAA identify specific emission reduction goals for areas not meeting the National Ambient Air Quality Standard (NAAQS). These amendments require both a demonstration of reasonable further progress towards attainment and the incorporation of

additional sanctions for failure to attain or to meet interim milestones. NAAQS have been established for seven major air pollutants: carbon monoxide ("CO"), nitrogen dioxide (NO_2), ozone (O_3), (particulate matter, 2.5 microns ($PM_{2.5}$), particulate matter, 10 microns (PM_{10}), sulfur dioxide (SO_2), and lead (Pb).

The CAA requires USEPA to designate areas as attainment, nonattainment, or maintenance (previously nonattainment and currently attainment) for each criteria pollutant based on whether the NAAQS have been achieved. USEPA has classified the Los Angeles County portion of the South Coast Air Basin ("Basin") as a nonattainment area for O_3, $PM_{2.5}$, and lead.

State

California Clean Air Act

In addition to being subject to the requirements of the CAA, air quality in California is also governed by more stringent regulations under the CCAA. In California the CCAA is administered by CARB at the state level and by the air quality management districts and air pollution control districts at the regional and local levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for meeting the state requirements of the CAA, administering the CCAA, and establishing the California Ambient Air Quality Standards (CAAQS). The CCAA, as amended in 1992, requires all air districts in the State to achieve and maintain the CAAQS. CAAQS are generally more stringent than their corresponding NAAQS and incorporate additional standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles.

The CCAA requires CARB to designate areas within California as either attainment or nonattainment for each criteria pollutant based on whether the CAAQS thresholds have been achieved. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data shows that a state standard for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events are not considered violations of a state standard and are not used as a basis for designating areas as nonattainment. Under the CCAA, the non-desert Los Angeles County portion of the Basin is designated as a nonattainment area for O_3, PM_{10}, and $PM_{2.5}$.

California Air Toxics Program

CARB's Air Toxics Program was established in 1983 in response to the adoption of AB 1807, the Toxic Air Contaminant Identification and Control Act. AB 1807 directs CARB and the State Office of Environmental Health Hazard Assessment (OEHHA) to identify toxic air contaminants (TACs) and determine whether any regulatory action is necessary to reduce their risks to public health. Substances formally identified as TACs include diesel particulate matter and environmental tobacco smoke.

Air Quality and Land Use Handbook: A Community Health Perspective

Released by CARB in 2005, the Air Quality and Land Use Handbook: A Community Health Perspective provides recommendations regarding the siting of new sensitive land uses near potential sources of TACs (e.g., freeways, distribution centers, rail yards, ports, refineries, chrome plating facilities, dry cleaners, and gas stations), as well as the siting of new TAC sources in proximity to existing sensitive land uses.[8] The recommendations are advisory and should not necessarily be interpreted as defined "buffer zones"; if a project or sensitive land uses are within the siting distance, CARB recommends further analysis.

Regional

South Coast Air Quality Management District

The Project Site is located within the 6,745-square-mile Basin. The Basin includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino counties. It is bounded by the Pacific Ocean to the west; the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east; and the San Diego County line to the south. The South Coast Air Quality Management District (SCAQMD) is the agency principally responsible for air pollution control in the Basin. Specifically, SCAQMD is responsible for planning, implementing, and enforcing programs designed to attain and maintain CAAQS established by CARB and NAAQS established by the USEPA. All projects in the SCAQMD jurisdiction are subject to SCAQMD rules and regulations, including, but not limited to, the following:

- Rule 401 Visible Emissions: This rule prohibits air discharge that results in a plume that is as dark as or darker than what is designed as No. 1 Ringelmann Chart by the United States Bureau of Mines for an aggregate of three minutes in any one hour.
- Rule 402 Nuisance: This rule prohibits the discharge of "such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of people or the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property."
- Rule 403 Fugitive Dust: This rule mandates that projects reduce the amount of particulate matter entrained in the ambient air as a result of fugitive dust sources by requiring actions to prevent, reduce, or mitigate fugitive dust emissions from any active operation, open storage pile, or disturbed surface area.

2016 Air Quality Management Plan

The 2016 Air Quality Management Plan (AQMP) was adopted in April 2017 and represents the most updated regional blueprint for achieving federal air quality standards. It relies on emissions

[8] *CARB, Air Quality and Land Use Handbook, A Community Health Perspective, April 2005.*

forecasts based on demographic and economic growth projections provided by the Southern California Association of Governments' (SCAG) 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016-2040 RTP/SCS).

Southern California Association of Governments

SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties that is tasked with addressing regional issues relating to transportation, the economy, community development, and the environment. As the federally designated Metropolitan Planning Organization (MPO) for the six-county Southern California region, SCAG is required by law to ensure that transportation activities conform to, and are supportive of, regional and state air quality plan goals to attain NAAQS. Additionally, SCAG is a co-producer, with the SCAQMD, of the transportation strategy and transportation control measure sections of the Basin's AQMP. The RTP/SCS recognizes that transportation investments and future land use patterns are inextricably linked, and that continued recognition of this close relationship will help the region make choices that sustain existing resources and expand efficiency, mobility, and accessibility for people across the region. In particular, the RTP/SCS draws a closer connection between where people live and work, and it offers a blueprint for how Southern California can grow more sustainably. To this end, the RTP/SCS overall land use pattern reinforces the trend of focusing new housing and employment in the region's High Quality Transit Areas (HQTAs). Though these areas currently account for just 3 percent of total land in the SCAG region, they are projected to accommodate 51 percent of the region's future household growth and 60 percent of the region's future employment growth by 2040.[9] HQTAs are a cornerstone of land use planning best practice in the SCAG region, and studies by the California Department of Transportation, the USEPA, and the Metropolitan Transportation Commission have found that focusing development in areas served by transit can result in local, regional, and statewide benefits including reduced air pollution and energy consumption.

Local

City of Los Angeles General Plan Air Quality Element

The City's General Plan Air Quality Element identifies policies and strategies for advancing the City's clean air goals. The Air Quality Element acknowledges the interrelationships among transportation and land use planning in meeting the City's mobility and air quality goals. The Air Quality Element includes six key goals:

Goal 1: Good air quality in an environment of continued population growth and healthy economic structure.

[9] *SCAG, 2020 RTP/SCS, September 2020. HQTAs are defined as areas within one-half mile of a fixed guideway transit stop or a bus transit corridor where buses pick up passengers at a frequency of every 15 minutes or less during peak commuting hours.*

Goal 2: Less reliance on single-occupant vehicles with fewer commute and non-work trips.

Goal 3: Efficient management of transportation facilities and system infrastructure using cost-effective system management and innovative demand management techniques.

Goal 4: Minimize impacts of existing land use patterns and future land use development on air quality by addressing the relationship between land use, transportation, and air quality.

Goal 5: Energy efficiency through land use and transportation planning, the use of renewable resources and less-polluting fuels and the implementation of conservation measures including passive measures such as site orientation and tree planting.

Goal 6: Citizen awareness of the linkages between personal behavior and air pollution and participation in efforts to reduce air pollution.

Criteria Pollutants

For purposes of assessing the Project's air quality impacts, the SCAQMD has established quantitative thresholds for seven criteria pollutants for short-term (construction) emissions and long-term (operational) emissions. These criteria pollutants include the following:

- **Ozone (O_3)** is a highly reactive and unstable gas that is formed when reactive organic gases (ROGs) and nitrogen oxides (NO_X), both byproducts of internal combustion engine exhaust, undergo slow photochemical reactions in the presence of sunlight.

  Short-term exposures (lasting for a few hours) to ozone at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes. Individuals exercising outdoors, children and people with preexisting lung disease such as asthma and chronic pulmonary lung disease are considered to be the most susceptible sub-groups for ozone effects.

- **Carbon Monoxide (CO),** a colorless, odorless toxic gas that is produced by the incomplete combustion of carbon-containing fuels, such as gasoline or wood.

  Inhaled CO has no direct toxic effect on the lungs, but exerts its effect on tissues by interfering with oxygen transport by competing with oxygen to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for oxygen supply can be adversely affected by exposure to CO. Individuals most at risk include patients with diseases involving heart and blood vessels, fetuses, and patients with chronic hypoxemia (oxygen deficiency) as seen in high

altitudes. The effects of increased CO exposure include earlier onset of chest pain with exercise, and electrocardiograph changes indicative of worsening oxygen supply to the heart.

- **Nitrogen dioxide (NO_2)** is a nitrogen oxide compound that is produced by the combustion of fossil fuels, such as in internal combustion engines (both gasoline and diesel), as well as point sources, especially power plants. Of the seven types of NO_x compounds, NO_2 is the most abundant in the atmosphere.

  As ambient concentrations of NO_2 are related to traffic density, commuters in heavy traffic may be exposed to higher concentrations of NO_2 than those indicated by regional monitors. Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is associated with long-term exposures to NO_2 at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO_2 in healthy individuals. Larger decreases in lung functions are observed in individuals with asthma or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups.

- **SO_2** is a colorless, extremely irritating gas or liquid. SO_2 occurs as a result of burning high sulfur-content fuel oils and coal and from chemical processes occurring at chemical plants and refineries. When SO_2 oxidizes in the atmosphere, it forms sulfates (SO_4). Collectively, these pollutants are referred to as sulfur oxides (SO_x).

  A few minutes exposure to low levels of SO_2 can result in airway constriction in some asthmatics. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties are observed after acute exposure to SO_2. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO_2.

- **Particulate Matter (PM_{10} and $PM_{2.5}$)** consists of extremely small, suspended particles or droplets 10 microns and 2.5 microns or smaller in diameter, respectively. Some sources of particulate matter, like pollen and windstorms, are naturally occurring. However, in populated areas, most particulate matter is caused by road dust, diesel soot, combustion products, abrasion of tires and brakes, and construction activities.

  A consistent correlation between elevated ambient fine particulate matter (PM_{10} and $PM_{2.5}$) levels and an increase in mortality rates, respiratory infections, number and severity of asthma attacks and the number of hospital admissions has been observed in different parts of the United States and various areas around the world.

- **Lead (Pb)** is a relatively soft and chemically resistant metal. Lead forms compounds with both organic and inorganic substances. As an air pollutant, lead is present in small particles. Sources of lead emissions in California include a variety of industrial activities.

Because it was emitted in large amounts from vehicles when leaded gasoline was used, lead is present in many soils (especially urban soils) and can get resuspended into the air.

Because lead is only slowly excreted, exposures to small amounts of lead from a variety of sources can accumulate to harmful levels. Effects from inhalation of lead near the level of the ambient air quality standard include impaired blood formation and nerve conduction. Lead can adversely affect the nervous, reproductive, digestive, immune, and blood-forming systems. Symptoms can include fatigue, anxiety, short-term memory loss, depression, weakness in the extremities, and learning disabilities in children. Lead also causes cancer.

Thresholds of Significance

Based on criteria set by the SCAQMD[10], a project would have the potential to violate an air quality standard or contribute substantially to an existing violation and result in a significant impact with regard to construction emissions if regional emissions from both direct and indirect sources would exceed any of the following SCAQMD prescribed threshold levels:

1. 75 lbs/day for VOC
2. 100 lbs/day for NO_X
3. 550 lbs/day for CO
4. 150 lbs/day for SO_X
5. 150 lbs/day for PM_{10}
6. 55 lbs/day for $PM_{2.5}$

For operational impacts, a project would have the potential to violate an air quality standard or contribute substantially to an existing violation and result in a significant impact with regard to operational emissions if regional emissions from both direct and indirect sources would exceed any of the following SCAQMD prescribed threshold levels:

1. 55 lbs/day for VOC
2. 55 lbs/day for NO_X
3. 550 lbs/day for CO
4. 50 lbs/day for SO_X
5. 50 lbs/day for PM_{10}
6. 55 lbs/day for $PM_{2.5}$

For purposes of determining whether the Proposed Project would exceed the applicable thresholds of significance for construction and operational air quality emissions, the project's

[10] *South Coast Air Quality Management District, Air Quality Significance Thresholds, Revision April 2019, website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2, accessed June 2021.*

emissions were modeled using the latest release of CalEEMod.2016.3.2, as recommended by the SCAQMD.

Existing Conditions

The Project Site is located within the South Coast Air Basin. The Basin is an approximately 6,745-square-mile area bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east. The Basin consists of Orange County, Los Angeles County (excluding the Antelope Valley portion), and the western, non-desert portions of San Bernardino and Riverside counties. Ambient air quality is determined primarily by the type and amount of pollutants emitted into the atmosphere, as well as the size, topography, and meteorological conditions of a geographic area.

PROJECT-SPECIFIC IMPACTS

a) Conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. A significant air quality impact may occur if the Proposed Project is not consistent with the applicable Air Quality Management Plan (AQMP) or the City's Air Quality Element or would in some way represent a substantial hindrance to employing the policies or obtaining the goals of those plans. In the case of projects proposed within the City or elsewhere in the South Coast Air Basin (Basin), the applicable plan is the AQMP, which is prepared by the SCAQMD, which is the agency principally responsible for comprehensive air pollution control in the Basin. To that end, the SCAQMD, a regional agency, works directly with SCAG, county transportation commissions, local governments, and cooperates actively with all state and federal government agencies. The SCAQMD develops rules and regulations, establishes permitting requirements, inspects emissions sources, and enforces such measures through educational programs or fines, when necessary.

Consistency with the AQMP

The SCAQMD is directly responsible for reducing emissions from stationary (area and point), mobile, and indirect sources. It has responded to this requirement by preparing a series of AQMPs. The most recent AQMP was adopted by the Governing Board of the SCAQMD on March 3, 2017 (2016 AQMP). The 2016 AQMP represents a thorough analysis of existing and potential regulatory control options, includes available, proven, and cost-effective strategies, and seeks to achieve multiple goals in partnership with other entities promoting reductions in greenhouse gasses and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The 2016 AQMP recognizes the critical importance of working with other agencies to develop funding and incentives that encourage the accelerated transition to cleaner vehicles, and the modernization of buildings and industrial facilities to cleaner technologies in a manner that benefits not only air quality, but also local businesses and the regional economy. [11]

[11] *The 2016 AQMP bases its analysis from the 2016-2040 RTP/SCS. In September 2020, SCAG and CARB have since adopted a new 2020 RTP/SCS, now called Connect SoCal. Connect SoCal was*

This analysis evaluates the two criteria for consistency with regional plans and the regional AQMP adopted by the SCAQMD CEQA Air Quality Handbook:

1) Would the Project increase the frequency or severity of existing air quality violations, cause or contribute to new air quality violations, or delay timely attainment of air quality standards or the interim emission reductions specified in the AQMD?

2) Would the Project exceed the assumptions utilized in preparing the AQMP?

Criteria 1

With respect to the first criterion, area air quality planning, including the AQMP, assumes that there will be emissions from new growth but that such emissions would not impede attainment and would actually contribute to the attainment of applicable air quality standards within the Basin if the Proposed Project's emissions are below the SCAQMD's regional thresholds of significance. As discussed in more detail below, the Proposed Project would not result in construction or operational air quality emissions that exceed the SCAQMD thresholds of significance at the Project level.

Additionally, the Proposed Project's construction-related emissions would be temporary in nature, lasting only for the duration of the construction period and would not have a long-term impact on the region's ability to meet state and federal air quality standards. Furthermore, the Proposed Project would be required to comply with applicable SCAQMD rules and regulations for new or modified sources. For example, the Project must comply with SCAQMD Rule 403 for the control of fugitive dust during construction. According to the SCAQMD, the application of water to disturbed areas two times a day has a control efficiency of 55 percent. By meeting SCAQMD rules and regulations, Project construction activities would be consistent with the goals and objectives of the AQMP to improve air quality in the Basin.

With respect to Project operation, the Proposed Project would not introduce substantial stationary sources of emissions. CO is the preferred benchmark pollutant for assessing local area air quality impacts from post-construction motor vehicle operations. As discussed in greater detail below, because intersections in the Project vicinity do not experience extremely high traffic volumes (i.e., 400,000 vehicles per day), CO hotspot emissions would be below the applicable thresholds of significance. Therefore, the Proposed Project would not increase the frequency or severity of an existing CO violation or cause or contribute to new CO violations.

An analysis of potential localized operational impacts from on-site activities was conducted. As shown in Table 6.5 in the analysis below, localized NO_2 as NO_X, CO, PM_{10}, and $PM_{2.5}$ operational impacts would be less than significant. Thus, the proposed Project would not have the potential to increase the frequency or severity of existing air quality violations or cause or contribute to new air quality violations. As the Proposed Project would not exceed any of the

determined to conform to the federally-mandated state implementation plan (SIP), for the attainment and maintenance of NAAQS standards. The SCAQMD is currently working on a 2022 AQMP, which will base its analysis from Connect SoCal.

state and federal standards, the Project would also not delay timely attainment of air quality standards or interim emission reductions specified in the AQMP.

Criteria 2

Determining whether or not a project exceeds the assumptions reflected in the AQMP involves the evaluation of three criteria: (1) consistency with applicable population, housing, and employment growth projections; (2) project mitigation measures; and (3) appropriate incorporation of AQMP land use planning strategies. The following discussion provides an analysis with respect to these criteria.

In addition, SCAG approved their 2016 RTP/SCS that includes transportation programs, measures, and strategies generally designed to reduce vehicle miles traveled (VMT), which are contained within baseline emissions inventory in the 2016 AQMP. The transportation strategy and transportation control measures (TCMs), included as part of the 2016 AQMP and the State Implementation Plan (SIP) for the Basin, are based on SCAG's 2016 RTP/SCS and Federal Transportation Improvement Program (FTIP). For purposes of assessing a project's consistency with the AQMP, projects that are consistent with the growth forecast projections of employment and population forecasts identified in the RTP/SCS are considered consistent with the AQMP, since the growth projections contained in the RTP/SCS form the basis of the land use and transportation control portions of the AQMP. As discussed in Sections 6.XI, Land Use Planning, and 6.XIV, Population and Housing, the Proposed Project would not exceed the population and housing projections of the most recent RTP/SCS for the Los Angeles subregion, and would therefore be consistent with the assumptions utilized in preparing the AQMP.

Regarding feasible air quality mitigation measures, the Proposed Project does not have significant impacts that require mitigation. Additionally, the Proposed Project would comply with applicable regulatory measures enforced by the SCAQMD. SCAQMD enforces stationary and mobile source compliance with respect to both operational and construction emissions. The Proposed Project would adhere to current and applicable regulatory compliance measures (including SCAQMD Rule 403: Fugitive Dust, Rule 1113: Architectural Coating, Rule 1108: Cutback Asphalt, Rule 1138: Control of Emissions from Restaurant Operations, and Rule 1146.2: Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters). As such, the Proposed Project is consistent with this criterion.

With respect to land use policies set forth in the AQMP, as discussed in Section XIV(a), the Proposed Project is consistent with the regional growth projections for the Los Angeles Subregion and is consistent with the smart growth policies of the RTP/SCS to increase housing density within close proximity to HQTAs. A HQTA is defined as a generally walkable transit village or corridor within one half-mile of a well-serviced transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours. The Proposed Project would concentrate new development and jobs within a half of a mile (walking distance) of several Metro bus lines that connect to all regions of the Los Angeles area. Thus, the Project Site's location provides opportunities for employees, guests, and visitors to use public transit to reduce vehicle trips. The Project Site is also located in a TPA as defined by CEQA Sections 21099 and

21064.3. Studies by the California Department of Transportation, the U.S. Environmental Protection Agency and the Metropolitan Transportation Commission have found that focusing development in areas served by transit can result in local, regional and statewide benefits including reduced air pollution and energy consumption. The Proposed Project's mixed-use nature and close proximity to neighborhood-serving commercial/retail land uses and regional transit would result in fewer trips and a reduction to the Proposed Project's VMTs as compared to the base trip rates for similar stand-alone land uses that are not located in close proximity to transit. ***Thus, because the Proposed Project would be consistent with the growth projections and regional land use planning policies of the RTP/SCS (as discussed in greater detail in response to Checklist Question VIII, Greenhouse Gas Emissions), the Proposed Project would not conflict with or obstruct implementation of the 2016 AQMP, and Project impacts would be less than significant.***

Consistency with the City's Air Quality Element

The City's Air Quality Element sets forth the goals, objectives, and policies that guide the City in the implementation of its air quality improvement programs and strategies. Goals, objectives, and polices of the Air Quality Element that are relevant to the Proposed Project include minimizing traffic congestion and increasing energy efficiency, as well as reducing air pollutant emissions consistent with the AQMP. A detailed analysis of the consistency of the Proposed Project with relevant policies in the City's General Plan Air Quality Element is presented in Table 6.1, Project Consistency with Applicable Policies of the General Plan Air Quality Element.

As shown in Table 6.1, the Proposed Project would be consistent with the applicable goals, objectives, and policies set forth in the City's General Plan Air Quality Element. Therefore, impacts related to consistency with the applicable air quality policies in the General Plan would be less than significant. ***In summary, the Proposed Project would be consistent with applicable local and regional plans pertaining to air quality including the City of Los Angeles Air Quality Element and the AQMP. Therefore, the Proposed Project would not conflict with or obstruct implementation of the applicable air quality plan, and impacts associated with plan consistency would be less than significant.***

Table 6.1
Project Consistency with Applicable Policies of the General Plan Air Quality Element

Policy	Consistency Analysis
Goal 1: Good air quality and mobility in an environment of continued population growth and healthy economic structure.	**Consistent.** Discussed in more detail below, the Proposed Project would not exceed any regional air quality standards during operation. The Proposed Project would place dwelling units and ground-floor commercial space in a TPA, thereby minimizing demands for vehicles and reducing regional vehicle miles traveled. The Proposed Project would thereby encourage walking from the new residential units to the on-site and nearby commercial uses. The Project Site's location near mass transit and proximity to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. The Proposed Project would improve the public sidewalks in accordance with the Mobility Plan standards adjacent to Project Site on Main Street and would include active ground floor uses to enhance the pedestrian experience and promote walkability. In addition, the Proposed Project would provide on-site bicycle spaces to promote travel by bicycle. Thus, the Proposed Project would be consistent with this goal.
Objective 1.1: It is the objective of the City of Los Angeles to reduce air pollutants consistent with the Regional Air Quality Management Plan (AQMP), increase traffic mobility, and sustain economic growth citywide.	**Consistent.** As discussed herein, the Proposed Project would be consistent with the 2016 AQMP and would not exceed regional air quality standards during operation. Additionally, the Project Site's location in proximity to transit, services, retail stores, and employment opportunities promotes the use of a variety of transportation options, which includes walking, biking, and the use of public transportation.
Objective 1.3: It is the objective of the City of Los Angeles to reduce particulate air pollutants emanating from unpaved areas, parking lots, and construction sites.	**Consistent.** The Proposed Project would adhere to SCAQMD Rules that regulate particulate emissions. Construction workers would not utilize any unpaved roads, but may utilize the western parking lot during construction to avoid parking on the surrounding streets. During the earthwork phases of construction, the Proposed Project would comply with SCAQMD Rule 403, which requires dust control measures that would reduce particulate air pollutants from construction activity. The Project Site would be watered to suppress dust emissions as required through SCAQMD Rule 403.
Policy 1.3.1: Minimize particulate emissions from construction sites.	**Consistent.** Construction activities associated with the Proposed Project would be required to comply with CARB's In-Use Off-Road Diesel Regulation, which controls the construction fleet engine fuel efficiency, and with CARB's Airborne

Table 6.1
Project Consistency with Applicable Policies of the General Plan Air Quality Element

	Toxic Control Measure (ATCM), which also sets requirements for construction fleet engines and horsepower. Further, the Proposed Project would comply with SCAQMD Rule 403—Fugitive Dust, which requires appropriate dust control measures to be implemented during each phase of development. Accordingly, particulate emissions at the Project Site during construction of the Proposed Project would be minimized. During pre-demolition abatement activities, the Proposed Project would use a negative pressure system to seal the building before removing all potentially present ACMs and ensure no emissions are released into the air. Therefore, the Proposed Project would be consistent with this policy.
Policy 1.3.2: Minimize particulate emissions from unpaved roads and parking lots which are associated with vehicular traffic.	**Consistent.** The Proposed Project would not utilize any unpaved roads, but may utilize the western parking lot during construction to avoid construction workers parking on the surrounding streets. During the earthwork phases of construction, the Proposed Project would incorporate measures that would reduce particulate air pollutants from construction activity. The Project Site would be watered to suppress dust emissions as required through SCAQMD Rule 403. Therefore, the Proposed Project would be consistent with this policy. See also description under Policy 1.3.1.
Goal 2: Less reliance on single-occupant vehicles with fewer commute and non-work trips.	**Consistent.** The Proposed Project would place new dwelling units and ground-floor commercial space in a TPA and HQTA, thereby minimizing demands for vehicles and reducing regional vehicle miles traveled. The Proposed Project would thereby encourage walking from the new residential units to the on-site and nearby commercial uses. The Project Site's location near mass transit and proximity to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. Additionally, the Proposed Project would include bicycle parking on-site to encourage travel by bicycle. Therefore, the Proposed Project would promote other modes of travel besides single-occupant vehicles and would be consistent with this goal.
Objective 2.1: It is the objective of the City of Los Angeles to reduce work trips as a step towards attaining trip reduction objectives necessary to achieve regional air quality goals.	**Consistent.** As mentioned above, the Project Site's location near mass transit options and proximity to services, retail stores, and employment opportunities promotes other modes of transportation, such as walking and bicycling. This option for future residents and employees of the Project Site would serve to reduce trips and

Table 6.1
Project Consistency with Applicable Policies of the General Plan Air Quality Element

	VMT. As such, the Proposed Project would be consistent with this objective.
Goal 4: Minimal impact of existing land use patterns and future land use development on air quality by addressing the relationship between land use, transportation, and air quality.	**Consistent.** The Proposed Project would provide a variety of land uses, including multi-family residential and commercial/retail space, which are consistent with the surrounding land uses. The Project Site is developed with existing commercial uses and is surrounded by a variety of mixed-use residential and commercial buildings, commercial, office, and light industrial land uses. Thus, the introduction of a mixed-use project with retail and multi-family land uses would be compatible with the existing established land uses in the project area. The Proposed Project would also provide direct bicycle and pedestrian access to Main Street, which connect to major transit lines in the Los Angeles area. Thus, this would reduce VMT, promote alternatives to driving, and aim to improve air quality. The Project Site is located within 0.6 mile from the Pico Rail Station; 0.9 mile from the 7th Street/Metro Center Station; and ½ mile from numerous bus lines, which would reduce overall VMT. The land uses proposed and the location of the Project Site would promote an efficient land use pattern that would be served by public transportation and would overall reduce air quality impacts. Further, as discussed in detail below, the Proposed Project would result in less than significant impacts with regard to regional and localized air quality emissions. Thus, based on the above, the Proposed Project would minimize impacts from future land use development by addressing the relationship between land use, transportation, and air quality, and would be consistent with this goal.
Objective 4.2: It is the objective of the City of Los Angeles to reduce vehicle trips and vehicle miles traveled associated with land use patterns.	**Consistent.** The Proposed Project would provide a mix of residential and commercial land uses in an area with a variety of entertainment, restaurant, retail, and employment services that would allow residents and employees to live and work in close proximity. The availability of diverse land uses within close proximity and with transit options would promote other modes of transportation such as walking, biking, and public transportation. This would serve to reduce vehicle trips and VMTs associated with the proposed and surrounding land uses. See also description under Goal 4, above.
Policy 4.2.2: Improve accessibility for the City's residents to places of employment, shopping centers, and other establishments.	**Consistent.** The Proposed Project would include a mix of residential and commercial uses located in the Downtown area of the City of Los Angeles.

Table 6.1
Project Consistency with Applicable Policies of the General Plan Air Quality Element

	The Proposed Project would provide accessibility to mass transit, jobs, and shopping centers along Main Street. Additionally, due to the variety of mixed uses proposed by the Project on site, the residents would have access to a variety of commercial/retail uses, which would provide access to places of employment and shopping. Therefore, the Proposed Project would be consistent with this policy.
Policy 4.2.3: Ensure that new development is compatible with pedestrians, bicycles, transit, and alternative fuel vehicles.	**Consistent.** The design of the Proposed Project would encourage patrons to walk and bike to and from the Project Site. The Proposed Project would provide pedestrian-oriented connectivity along Main Street, which would provide direct street frontage and pedestrian access to the Project Site, compared to the existing on-site surface parking lot that buffers commercial uses and the sidewalks. In addition, through the implementation of the L.A. Green Building Code, the Proposed Project would be required to provide the necessary infrastructure for electric vehicle charging stations, and on-site bicycle parking to promote the use of bicycle transportation as an alternative to the vehicle. The Proposed Project would also include a bicycle repair workstation and shower facilities to further encourage bicycle travel among residents and employees. Thus, the Proposed Project would be consistent with this policy.
Policy 4.2.5: Emphasize trip reduction, alternative transit and congestion management measures for discretionary projects.	**Consistent.** The Proposed Project is an infill mixed-use residential and commercial development. The Proposed Project would include neighborhood-serving commercial retail and restaurant uses that would serve Project residents and the Project vicinity, thereby reducing VMT that would otherwise be generated to travel to similar commercial and retail uses elsewhere in the community. In addition, the Proposed Project would include on-site bicycle parking to encourage alternate modes of transportation. Therefore, the Proposed Project would be consistent with this policy.
Policy 5.1.2: Effect a reduction in energy consumption and shift to non-polluting sources of energy in its buildings and operations.	**Consistent.** As discussed in more detail in Section 6.VIII, Greenhouse Gas Emissions of this SCEA, the implementation of the Project Design Features together with the requirements established by the City's Green Building Code would reduce energy consumption for the Proposed Project. The Proposed Project would be required to meet the Title 24 2019 Standards, which includes stringent Building Energy

Table 6.1
Project Consistency with Applicable Policies of the General Plan Air Quality Element

	Efficiency Standards. Therefore, the Proposed Project would be consistent with this policy.
Policy 5.1.4: Reduce energy consumption and associated air emissions by encouraging waste reduction and recycling.	**Consistent.** As stated above, compliance with the City's Green Building Code would reduce energy consumption for the Proposed Project. Furthermore, operations on the Project Site would continue to be subject to requirements set forth in AB 939 requiring each city and county to divert 50 percent of its solid waste from landfill disposal through source reduction, recycling, and composting. Additionally, as required by the California Solid Waste Reuse and Recycling Access Act of 1991, the Applicant would be required to provide adequate storage areas for the collection and storage of recyclable waste materials, which would reduce air emissions associated with said waste. Therefore, the Proposed Project would be consistent with this policy.
Source(s): Policies applicable to the Project were derived from the City's General Plan Air Quality Element, Adopted November 1992; Project consistency analysis by Parker Environmental Consultants, 2021.	

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the air basin is non-attainment under an applicable federal or state ambient air quality standard?

Less Than Significant Impact. A significant impact may occur if a project adds a considerable cumulative contribution to federal or State non-attainment pollutants. As the Basin is currently in State non-attainment for ozone, PM_{10} and $PM_{2.5}$, related projects could exceed an air quality standard or contribute to an existing or projected air quality exceedance. With respect to determining the significance of a project's contribution of emissions, the SCAQMD neither recommends quantified analyses of construction and/or operational emissions from multiple development projects nor provides methodologies or thresholds of significance to be used to assess the cumulative emissions generated by multiple cumulative projects. Instead, the SCAQMD recommends that a project's potential contribution to cumulative impacts be assessed utilizing the same significance criteria as those for project specific impacts. Thus, a project may result in a significant impact in cases where project-related emissions would exceed federal, State, or regional standards or thresholds, or where project-related emissions would substantially contribute to an existing or projected air quality violation. Furthermore, SCAQMD states that if an individual development project generates less than significant construction or operational emissions, then the development project would not generate a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment.

As discussed below, the Proposed Project would not generate construction or operational

emissions that exceed the SCAQMD's recommended regional thresholds of significance. ***Therefore, the Proposed Project would not generate a cumulatively considerable increase in emissions of the pollutants for which the Basin is in non-attainment, and impacts would be less than significant.***

Construction Emissions

For purposes of analyzing impacts associated with air quality, this analysis assumes a construction schedule of approximately 30 months, with a final buildout year in 2026. This construction schedule is conservative and yields the maximum daily impacts. Construction activities associated with the Proposed Project would be undertaken in five main steps: (1) demolition/site clearing; (2) grading/excavation; (3) building construction; (4) paving; and (5) architectural coating/finishing. The building construction phase includes the construction of the proposed building, connection of utilities to the building, and landscaping the Project Site. Construction activities would temporarily create emissions of dusts, fumes, equipment exhaust, and other air contaminants. Construction activities involving foundation preparation would primarily generate $PM_{2.5}$ and PM_{10} emissions. Mobile sources (such as diesel-fueled equipment onsite and traveling to and from the Project Site) would primarily generate NO_x emissions. The application of architectural coatings would primarily result in the release of ROG emissions. The amount of emissions generated on a daily basis would vary, depending on the amount and types of construction activities occurring at the same time.

The Proposed Project's construction emissions were quantified utilizing the California Emissions Estimator Model (CalEEMod *Version 2016.3.2*) as recommended by the SCAQMD. Table 6.2, Estimated Peak Daily Construction Emissions, identifies daily emissions that are estimated to occur on peak construction days for each phase of the Proposed Project construction. These calculations assume that appropriate dust control measures and compliance with the following AQMD Rules and regulations would be implemented as part of the Proposed Project during each phase of development (see RCM-AQ-1 through RCM-AQ-8, below). The following SCAQMD Rules and regulations are required in conjunction with the Proposed Project.

Table 6.2
Estimated Peak Daily Construction Emissions

Emission Source	Emissions in Pounds per Day					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
2023	3.55	37.61	28.77	0.07	4.76	2.94
2024	3.67	35.49	34.19	0.09	7.94	3.66
2025	24.41	22.68	33.37	0.09	4.76	1.78
2026	24.40	7.20	13.09	0.02	1.04	0.51
Maximum Daily Construction Emissions:	**24.41**	**37.61**	**34.19**	**0.09**	**7.94**	**3.66**
SCAQMD Daily Significance Thresholds:	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Note: Calculations assume compliance with SCAQMD Rule 403 – Fugitive Dust and Rule 1113 – Architectural Coatings. The interface on CalEEMod (Version 2016.3.2) lists these rules under the "Mitigation" tab, when they are actually required rules by the SCAQMD. The term "Mitigation" in CalEEMod is defined differently than "Mitigation Measures" in this SCEA. The model does not allow for these regulatory measures to be implemented in the "unmitigated project" impact scenario. As such, the values that appear under the "Mitigated" results columns are reflective of the Proposed Project impacts that are compliant with required regulations. Source: CalEEMod 2016.3.2, Calculation sheets are provided in Appendix A to this IS/MND.

Regulatory Compliance Measures

RCM-AQ-1 Site Clearing, Grading and Construction Activities

- Compliance with provisions of the SCAQMD District Rule 403. The project shall comply with all applicable standards of the Southern California Air Quality Management District, including the following provisions of District Rule 403:
  - All unpaved demolition and construction areas shall be wetted at least twice daily during excavation and construction, and temporary dust covers shall be used to reduce dust emissions and meet SCAQMD District Rule 403. Wetting could reduce fugitive dust by as much as 50 percent.
  - The construction area shall be kept sufficiently dampened to control dust caused by grading and hauling, and at all times provide reasonable control of dust caused by wind.
  - All clearing, earth moving, or excavation activities shall be discontinued during periods of high winds (i.e., greater than 15 mph), so as to prevent excessive amounts of dust.
  - All dirt/soil loads shall be secured by trimming, watering or other appropriate means to prevent spillage and dust.
  - All dirt/soil materials transported off-site shall be either sufficiently watered or securely covered to prevent excessive amount of dust.
  - General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions.
  - Trucks having no current hauling activity shall not idle but be turned off.

RCM-AQ-2 The Project shall comply with South Coast Air Quality Management District Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil, which sets requirements to control the emission of VOC from excavating, grading, handling and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition.

RCM-AQ-3 The Project shall comply with South Coast Air Quality Management District Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities, which specify work practice requirements to limit asbestos emissions from building demolition and renovation activities, including the removal and associated disturbance of asbestos-containing materials (ACM).

RCM-AQ-4 In accordance with Sections 2485 in Title 13 of the California Code of Regulations, the idling of all diesel fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location.

RCM-AQ-5 In accordance with Section 93115 in Title 17 of the California Code of Regulations, operation of any stationary, diesel-fueled, compression-ignition engines shall meet specified fuel and fuel additive requirements and emission standards.

RCM-AQ-6 The Project shall comply with South Coast Air Quality Management District Rule 1113 limiting the volatile organic compound content of architectural coatings.

RCM-AQ-7 The Project shall comply with South Coast Air Quality Management District Rule 1108 limiting the volatile organic compound content from cutback asphalt.

RCM-AQ-8 The Project shall install odor-reducing equipment in accordance with South Coast Air Quality Management District Rule 1138.

As shown in Table 6.1, construction-related daily emissions associated with the Proposed Project would be below the peak daily regional SCAQMD significance thresholds for criteria pollutants during the construction phases. ***Therefore, construction impacts are considered to be less than significant.***

Operational Emissions

Existing Emissions

The Project Site is currently developed with four commercial buildings and a surface parking lot. The existing conditions baseline reflect existing daily operational emissions from the actively used portions of the existing Project Site, which is approximately 26,710 square feet.[12] This

[12] *The Project Site is developed with 28,110 square feet of retail space. However, at the time the environmental analysis commenced only 26,710 square feet of the site was occupied with active retail land uses and 1,400 square feet was vacant. (See Appendix A, Project Site Existing Occupancy Records, in the Non-CEQA Transportation Assessment provided in Appendix J.2 to this SCEA.)*

yields a conservative approach as the net Project emissions will reflect a higher estimate than if the existing conditions baseline was reflective of the entire 28,110 square feet of existing buildings. The existing use generates air pollutant emissions from stationary sources, such as space and water heating, architectural coatings (paint), and mobile vehicle traffic traveling to and from the Project Site. The peak daily emissions generated by the existing uses at the Project Site were estimated utilizing the California Emissions Estimator Model (CalEEMod *Version 2016.3.2*). As shown in Table 6.3, motor vehicles are the primary source of air pollutant emissions associated with existing uses at the Project Site.

Table 6.3
Existing Daily Operational Emissions from Project Site

Emissions Source	Emissions in Pounds per Day					
	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Summertime (Smog Season) Emissions						
Area Sources	0.60	<0.01	<0.01	0.00	<0.01	<0.01
Energy Sources	<0.01	0.01	0.01	<0.01	<0.01	<0.01
Mobile Sources	2.22	11.13	30.04	0.10	7.44	2.06
Total Emissions	***2.83***	***11.15***	***30.06***	***0.10***	***7.45***	***2.07***
Wintertime (Non-Smog Season) Emissions						
Area Sources	0.60	<0.01	<0.01	0.00	<0.01	<0.01
Energy Sources	<0.01	0.01	0.01	<0.01	<0.01	<0.01
Mobile Sources	2.13	11.42	28.15	0.09	7.45	2.07
Total Emissions	***2.73***	***11.43***	***28.17***	***0.09***	***7.45***	***2.07***

Source: CalEEMod 2016.3.2, Calculation sheets are provided in Appendix A to this IS/MND.

Proposed Project Emissions

The Proposed Project would result in the demolition of the existing commercial buildings and the development of a 30-story 343,447 square-foot mixed-use residential and commercial building. Operational emissions generated by both stationary and mobile sources would result from normal day-to-day activities of the Proposed Project. Area source emissions would be generated by the consumption of natural gas and landscape maintenance. Mobile emissions would be generated by the motor vehicles traveling to and from the Project Site.

The analysis of daily operational emissions associated with the Proposed Project has been prepared utilizing CalEEMod (*Version 2016.3.2*). The results of these calculations are presented in Table 6.4, Proposed Project Estimated Daily Operational Emissions. As shown, the operational emissions generated by the Proposed Project would not exceed the daily regional thresholds of significance set by the SCAQMD. ***Therefore, impacts associated with regional operational emissions from the Proposed Project would not conflict with or obstruct implementation of the applicable air quality plan and air quality impacts would be less than significant.***

Regulatory Compliance Measures

RCM-AQ-9 New on-site facility nitrogen oxide emissions shall be minimized through the use of emission control measures (e.g., use of best available control technology for new combustion sources such as boilers and water heaters) as required by South Coast Air Quality Management District Regulation XIII, New Source Review.

Table 6.4
Proposed Project Estimated Daily Operational Emissions

Emissions Source	Emissions in Pounds per Day					
	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Summertime (Smog Season) Emissions						
Area Sources	8.36	0.35	29.96	<0.01	0.17	0.17
Energy Sources	0.10	0.81	0.35	<0.01	0.07	0.07
Mobile Sources	1.67	7.82	21.34	0.09	8.52	2.32
Stationary Sources	0.82	3.67	2.09	<0.01	0.12	0.12
Total Project Emissions	***10.95***	***12.65***	***53.75***	***0.10***	***8.87***	***2.68***
Less Existing On-Site Emissions	*(2.83)*	*(11.15)*	*(30.06)*	*(0.10)*	*(7.45)*	*(2.07)*
NET Project Emissions	**8.12**	**1.50**	**23.69**	**0.00**	**1.42**	**0.61**
SCAQMD Thresholds	**55**	**55**	**550**	**150**	**150**	**55**
Potentially Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**
Wintertime (Non-Smog Season) Emissions						
Area Sources	8.36	0.35	29.96	<0.01	0.17	0.17
Energy Sources	0.10	0.81	0.35	<0.01	0.07	0.07
Mobile Sources	1.58	7.93	19.94	0.09	8.52	2.32
Stationary Sources	0.82	3.67	2.09	<0.01	0.12	0.12
Total Project Emissions	***10.86***	***12.76***	***52.34***	***0.10***	***8.87***	***2.68***
Less Existing On-Site Emissions	*(2.73)*	*(11.43)*	*(28.17)*	*(0.09)*	*(7.45)*	*(2.07)*
NET Project Emissions	**8.13**	**1.33**	**24.17**	**0.01**	**1.42**	**0.61**
SCAQMD Thresholds	**55**	**55**	**550**	**150**	**150**	**55**
Potentially Significant Impact?	**No**	**No**	**No**	**No**	**No**	**No**

Source: CalEEMod 2016.3.2, Calculation sheets are provided in Appendix A to this IS/MND.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. A significant impact may occur if a project were to generate pollutant concentrations to a degree that would significantly affect sensitive receptors. Sensitive receptors are populations that are more susceptible to the effects of air pollution than are the population at large. The SCAQMD identifies the following as sensitive receptors: long-term

health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, childcare centers, and athletic facilities.[13]

Localized Significance Thresholds

The SCAQMD has developed localized significance thresholds (LSTs) that are based on the amount of pounds of emissions per day that can be generated by a project that would cause or contribute to adverse localized air quality impacts. These localized thresholds, which are found in the mass rate look-up tables in the "Final Localized Significance Threshold Methodology" document prepared by the SCAQMD,[14] apply to projects that are less than or equal to five acres in size and are only applicable to the following criteria pollutants: NO_x, CO, PM_{10}, and $PM_{2.5}$. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or State ambient air quality standards, and are developed based on the ambient concentrations of that pollutant for each source receptor area (SRA). For PM_{10}, the LSTs were derived based on requirements in SCAQMD Rule 403 − Fugitive Dust. For $PM_{2.5}$, the LSTs were derived based on a general ratio of $PM_{2.5}$ to PM_{10} for both fugitive dust and combustion emissions.

LSTs are provided for each of SCAQMD's 38 SRAs at various distances from the source of emissions. The Project Site is located within SRA 1, which covers the Central Los Angeles County area. The mass rate look-up tables provide LSTs for one-acre, two-acre, and five-acre sites. Since the portion of the Project Site to be graded is approximately 1.12 acres, the one-acre LSTs were conservatively applied for the Proposed Project. There are five sensitive receptors located within 500 feet of the Project Site that could potentially be subject to localized air quality impacts associated with construction of the Proposed Project. These sensitive receptors are identified in Figure 6.1. Given the proximity of these sensitive receptors to the Project Site, the LSTs for a one-acre site with receptors located within 25 meters was used to address the potential localized air quality impacts associated with the construction-related NO_X, CO, PM_{10}, and $PM_{2.5}$ emissions for each construction phase.

Localized Construction Emissions

Emissions from construction activities have the potential to generate localized emissions that may expose sensitive receptors to harmful pollutant concentrations. However, as shown in Table 6.5, Localized On-Site Peak Daily Construction Emissions, peak daily emissions generated within the Project Site during construction activities for each phase would not exceed the applicable construction LSTs for an approximate one-acre site in SRA 1. These calculations assume that appropriate dust control measures would be implemented as part of the Proposed Project during each phase of development, as required by SCAQMD Rule 403 - Fugitive Dust. Specific Rule 403 control requirements include, but are not limited to, applying water in sufficient quantities to prevent the generation of visible dust plumes, applying soil binders to uncovered

[13] *South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993, page 5-1.*

[14] *South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, June 2003, Revised July 2008.*

areas, reestablishing ground cover as quickly as possible, utilizing a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the Project Site, and maintaining effective cover over exposed areas. ***Therefore, with implementation of the regulatory code compliance measures identified above, the Proposed Project would not expose sensitive receptors to substantial pollutant concentrations and localized air quality impacts from construction activities on the off-site sensitive receptors would be less than significant.***

Table 6.5
Localized On-Site Peak Daily Construction Emissions

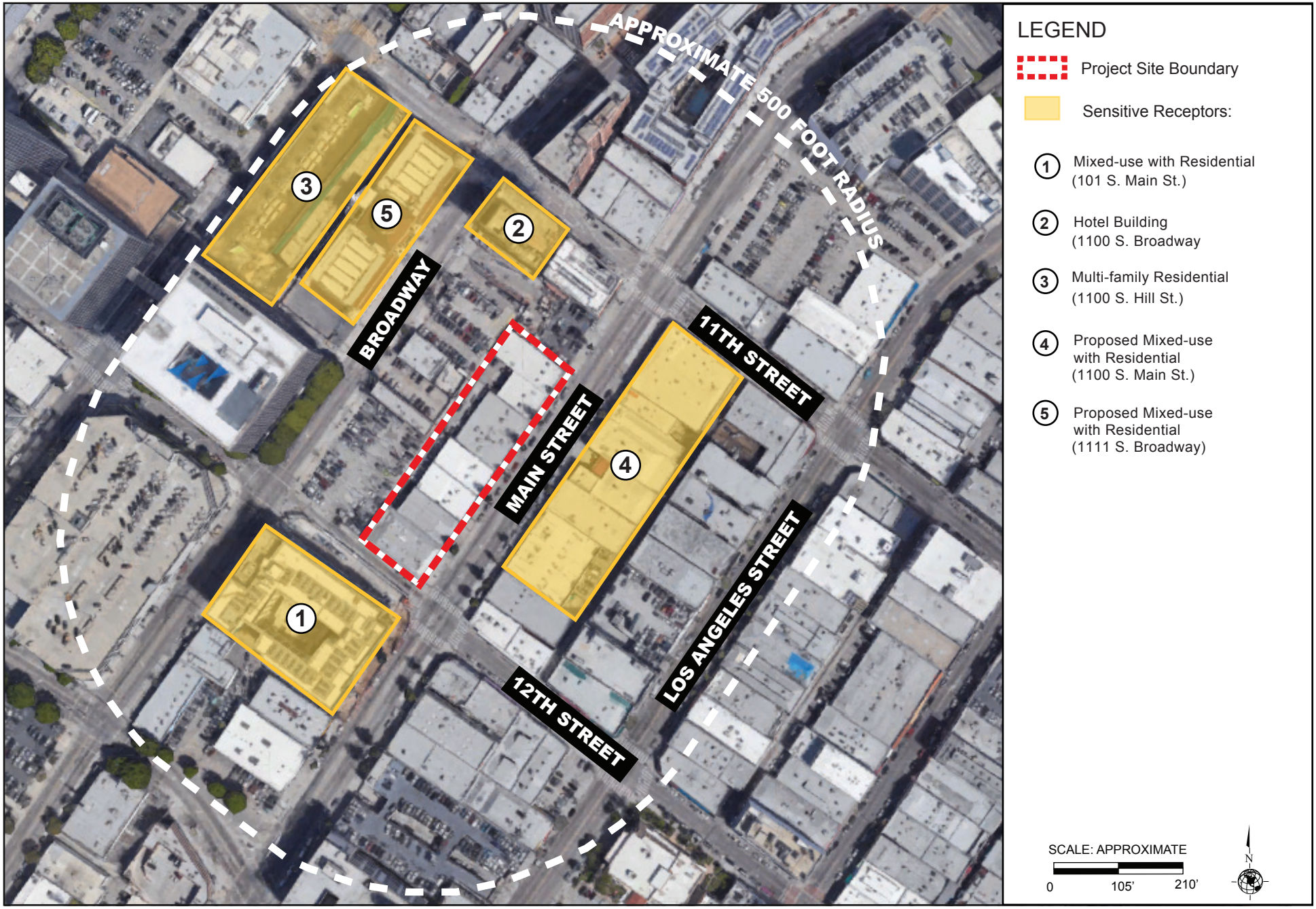
Construction Phase [a]	Total On-site Emissions (Pounds per Day)			
	NO_x [b]	CO	PM_{10}	$PM_{2.5}$
Demolition/Site Clearing	19.65	22.42	1.65	0.89
Grading/Excavation	35.76	27.87	2.99	1.52
Building Construction	18.80	23.23	0.79	0.77
Paving	4.29	7.29	0.21	0.19
Architectural Coatings	7.07	11.27	0.31	0.31
SCAQMD Localized Thresholds [c]	**74**	**680**	**5**	**3**
Potentially Significant Impact?	*No*	*No*	*No*	*No*

[a] *The localized thresholds for all phases are based on a receptor within a distance of 25 meters in SCAQMD's SRA 1 for a Project Site of one acre.*
[b] *The localized thresholds listed for NO_x takes into consideration the gradual conversion of NO_x to NO_2, and are provided in the mass rate look-up tables in the SCAQMD's "Final Localized Significance Threshold Methodology" guidance document. The analysis of localized air quality impacts associated with NO_x emissions is focused on NO_2 levels as they are associated with adverse health effects.*
Source: CalEEMod 2016.3.2, Calculation sheets are provided in Appendix A to this IS/MND.

Localized Operational Emissions

With regard to localized emissions from motor vehicle travel, traffic congested roadways and intersections have the potential to generate localized high levels of carbon monoxide (CO). The Basin is currently designated as a CO attainment area for both the CAAQS and the NAAQS. The Basin has been in attainment for CO since 2007, and CO levels in the Source Receptor Area (SRA) 1 remain substantially below the federal and state standards. The maximum CO levels during 2016 were recorded at 1.9 ppm (one-hour average) and 1.4 ppm (eight-hour average), compared to the thresholds of 20 ppm (one-hour average) and 9.0 (eight-hour average).[15] In its 2003 AQMP, the SCAQMD conducted CO hot-spot analyses at the four worst-case intersections in the Basin. The SCAQMD noted that the intersection of Wilshire Boulevard and Veteran Avenue was the most congested intersection in Los Angeles County, with an

[15] *The most recent annual ambient air quality data is for the year 2016, http://www.aqmd.gov/docs/default-source/air-quality/historical-data-by-year/2016-air-quality-data-tables.pdf?sfvrsn=14, accessed March 2019.*



Source: Google Earth, Aerial View, 2018.

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Figure 6.1
Air Quality Sensitive Receptors

average daily traffic volume of approximately 100,000 vehicles per day. The data provided in Table 4-10 of Appendix V of the 2003 AQMP shows that the peak modeled CO concentration due to vehicle emissions at all four intersections was 4.6 ppm (one-hour average) and 3.2 (eight-hour average) at Wilshire Boulevard and Veteran Avenue. When added to the existing [2003] background CO concentrations, the worst-case CO levels in the Basin was estimated to be 7.6 ppm (one-hour average) and 5.6 ppm (eight-hour average), respectively, which is below the CO thresholds of significance for both the CAAQS and NAAQS. The AQMP therefore concluded that because the Basin is in attainment for CO, and the studied congested intersections do not exceed state thresholds, CO hotspots are less than significant under extreme conditions. Comparatively, recent ambient CO levels in 2016 are substantially lower than they were in 2013. The volume of traffic at the closest study intersections, Intersection #5, Main Street and 11th Street; and Intersection #6, Main Street and 12th Street are substantially lower than the studied intersections in the 2003 AQMP study. Therefore, it is reasonable to conclude that the Proposed Project would not have the potential to cause or contribute to an exceedance of the California one-hour or eight-hour CO standards of 20 or 9.0 ppm, respectively; or generate an incremental increase equal to or greater than 1.0 ppm for the California one-hour CO standard, or 0.45 ppm for the eight-hour CO standard at any local intersection. ***Therefore, the Proposed Project would not expose sensitive receptors to substantial pollutant concentrations and no further analysis for CO hotspots is warranted. Localized operational emissions would therefore be less than significant.***

Toxic Air Contaminants (TAC)

Construction Emissions

The Proposed Project's construction activities would generate toxic air contaminants (TAC) in the form of diesel particulate matter (DPM) emissions associated with the use of heavy trucks and construction equipment during construction. DPM has no acute exposure factors (i.e., no short-term effects). Therefore, the SCAQMD Handbook does not recommend an analysis of TACs from short-term construction activities, which result in a limited duration of exposure. According to SCAQMD methodology, health effects from carcinogenic air toxics are usually described in terms of individual cancer risk. Specifically, "Individual Cancer Risk" is the likelihood that a person continuously exposed to concentrations of TACs over a 70-year lifetime will contract cancer based on the use of standard risk assessment methodology. Given the short-term construction schedule of approximately 30 months, the Proposed Project would not result in a long-term (i.e., 70-year) source of TAC emissions. No residual emissions and corresponding individual cancer risk are anticipated after construction. Because there is such a short-term exposure period (30 out of 840 months of a 70-year lifetime), health risks associated with DPM emissions during construction would be less than significant. Moreover, the Proposed Project would be required to comply with the CARB Air Toxics Control Measure that limits diesel powered equipment and vehicle idling to no more than 5 minutes at a location. In addition, as discussed above, the Proposed Project would not result in a localized significant impact.

Therefore, the Proposed Project would result in a less than significant impact related to construction TACs.

Operational Emissions

The Proposed Project consists of a mixed-use residential and commercial development. These uses would not support any land uses or activities that would involve the use, storage, or processing of carcinogenic or non-carcinogenic toxic air contaminants. As such no significant toxic airborne emissions would result from Proposed Project implementation**.** In addition, construction activities would be subject to the regulations and laws relating to toxic air pollutants at the regional, State, and federal level that would protect sensitive receptors from substantial concentrations of these emissions. ***Therefore, impacts associated with the release of toxic air contaminants would be less than significant.***

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less Than Significant Impact. A significant impact may occur if objectionable odors occur which would adversely impact sensitive receptors. Odors are typically associated with industrial projects involving the use of chemicals, solvents, petroleum products, and other strong-smelling elements used in manufacturing processes, as well as sewage treatment facilities and landfills. As the Proposed Project involves no elements related to these types of activities, no odors from these types of uses are anticipated. Garbage collection areas for the Proposed Project would have the potential to generate foul odors if the areas are located in close proximity to habitable areas. Good housekeeping practices would be sufficient to prevent nuisance odors. In addition, SCAQMD Rule 402 (Nuisance) and SCAQMD Best Available Control Technology Guidelines would limit potential objectionable odor impacts during the Proposed Project's long-term operations phase. ***Therefore, potential operational odor impacts would be less than significant.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects would result in an increase in construction and operational emissions in an already highly urbanized area of the City.

AQMP Consistency

Cumulative development can affect implementation of the 2016 AQMP. The 2016 AQMP was prepared to accommodate growth, reduce pollutants within the areas under SCAQMD jurisdiction, improve the overall air quality of the region, and minimize the impact on the economy. Growth considered to be consistent with the 2016 AQMP would not interfere with attainment because this growth is included in the projections utilized in the formulation of the AQMP. Consequently, as long as growth in the Basin is within the projections for growth identified by SCAG, implementation of the 2016 AQMP will not be obstructed by such growth and cumulative impacts would be less than significant. Since the Proposed Project is consistent

with SCAG's growth projections, it would not have a cumulatively considerable contribution to an impact regarding a potential conflict with or obstruction of the implementation of the applicable air quality plan. ***Thus, cumulative impacts related to conformance with the 2016 AQMP would be less than significant.***

Construction and Operational Emissions

Cumulative air quality impacts from construction and operation of the Proposed Project, based on SCAQMD guidelines, are analyzed in a manner similar to Project-specific air quality impacts. The SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed utilizing the same significance criteria as those for project specific impacts. Therefore, according to the SCAQMD, individual development projects that generate construction or operational emissions that exceed the SCAQMD recommended daily thresholds for project-specific impacts would also cause a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment. Thus, as discussed in Question 3(c) above, because the construction-related and operational daily emissions associated with Proposed Project would not exceed the SCAQMD's recommended thresholds, these emissions associated with the Proposed Project would not be cumulatively considerable. ***Therefore, cumulative air quality impacts would be less than significant.***

Odor Impacts

With respect to cumulative odor impacts, potential sources that may emit odors during construction activities at the Proposed Project and each related project include the use of architectural coatings, solvents, and asphalt paving. SCAQMD Rules 1108 and 1113 limit the amount of volatile organic compounds from cutback asphalt and architectural coatings and solvents, respectively. Moreover, none of the related projects are located in close enough proximity to the Proposed Project as to cause cumulative odor impacts. Furthermore, based on mandatory compliance with SCAQMD Rules, construction activities and materials used in the construction of the Proposed Project would not combine with other projects to create objectionable construction odors. With respect to operations, SCAQMD Rules 402 (Nuisance) and 1139 (Odors) and SCAQMD Best Available Control Technology Guidelines would limit potential objectionable odor impacts from the related projects and the Proposed Project's long-term operations phase. ***Thus, cumulative odor impacts would be less than significant.***

IV. Biological Resources

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☒	☐
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	☐	☒
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

The following section summarizes and incorporates the reference information from the following reports (contained in Appendix B to this SCEA):

- The Tree Resource, Tree Report, 1123-1161 S. Main Street, October 18, 2018.

PROJECT-SPECIFIC IMPACTS

a) Have a substantial adverse effect, either directly or through habitat modifications,

on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Less Than Significant Impact. A project would normally have a significant impact on biological resources if it could result in: (a) the loss of individuals, or the reduction of existing habitat, of a state or federal listed endangered, threatened, rare, protected, candidate, or sensitive species or a Species of Special Concern; (b) the loss of individuals or the reduction of existing habitat of a locally designated species or a reduction in a locally designated natural habitat or plant community; or (c) interference with habitat such that normal species behaviors are disturbed (e.g., from the introduction of noise, light) to a degree that may diminish the chances for long-term survival of a sensitive species.

The Project Site is located in an urbanized area in the City and is improved with four commercial/retail buildings and surface parking. The Project Site does not contain any critical habitat or support any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service. Based on the Proposed Project's Tree Report, dated October 18, 2018 (Appendix B to this SCEA), there are nine street trees (one of which is just a stump and not subject to replaceme) in the public right-of-way surrounding the Project Site: eight trees along Main Street and one tree along 12th Street. No trees are located on the Project Site. The Tree Report concluded there are no protected native tree species located in the public right-of-way. All of the existing street trees will be removed for the Proposed Project. The removal and placement of street trees would be subject to the review and approval of the Board of Public Works, Urban Forestry Division. Prior to the issuance of any permit, a plot plan shall be prepared indicating the location, size, type, and general condition of all existing trees on the site and within the adjacent public right(s)-of-way (see RCM-BIO-1, below). ***Therefore, the Proposed Project would have a less than significant impact upon removal of non-protected trees.***

Additionally, the removal of vegetation and disturbances to potential bird habitat may result in take of nesting native bird species. However, all migratory nongame native bird species are protected by international treaty under the Federal Migratory Bird Treaty Act (MBTA) of 1918 (50 C.F.R Section 10.13). Sections 3503, 3503.5 and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests including raptors and other migratory nongame birds (as listed under the Federal MBTA). The Department of City Planning enforces the MBTA through precautionary and preventative measures to avoid or reduce the potential for disturbances to wildlife during construction. The Project Applicant will be required to ensure compliance with all applicable laws and regulations to ensure that no significant impacts to nesting birds would occur due to the removal of the existing tree located on the Project Site. As a standard practice, the Department of Building and Safety requires regulatory compliance measure RCM-BIO-2, which would avoid any potential impacts related to native birds during construction activities. ***Therefore, with adherence to existing laws and regulations, the Proposed Project would have a less than significant impact on sensitive biological species or habitat.***

Regulatory Compliance Measures

RCM-BIO-1 **Tree Removal (Public Right-of-Way)**. Removal of trees in the public right-of-way requires approval by the Board of Public Works. The required Tree Report shall include the location, size, type, and condition of all existing trees in the adjacent public right-of-way and shall be submitted for review and approval by the Urban Forestry Division of the Bureau of Street Services, Department of Public Works. The plan shall contain measures recommended by the tree expert for the preservation of as many trees as possible. The number, type and size of replacement trees to be provided in the public right-of-way shall be provided per the current Urban Forestry Division standards and to the satisfaction of the Department of Public Works.

RCM-BIO-2: **Habitat Modification (Nesting Native Birds).** Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from March 1- August 31 (as early as February 1 for raptors) to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture of kill (Fish and Game Code Section 86).

If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:

- Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction work.
- If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
- Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
- The Applicant shall record the results of the recommended protective measures described above to document compliance with applicable State

and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

No Impact. A project would normally have a significant impact on biological resources if it could result in: (a) the loss of individuals, or the reduction of existing habitat, of a state or federal listed endangered, threatened, rare, protected, candidate, or sensitive species or a Species of Special Concern; (b) the loss of individuals or the reduction of existing habitat of a locally designated species or a reduction in a locally designated natural habitat or plant community; (c) the alternation of an existing wetland habitat; or (d) interference with habitat such that normal species behaviors are disturbed (e.g., from the introduction of noise, light) to a degree that may diminish the chances for long-term survival of a sensitive species. The Project Site is occupied by four commercial/retail buildings and surface parking. No riparian or other sensitive natural community is located on or adjacent to the Project Site. ***Therefore, implementation of the Proposed Project would not result in any adverse impacts to riparian habitat or other sensitive natural communities.***

c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. A project would normally have a significant impact on biological resources if it could result in the alteration of an existing wetland habitat, as defined by Section 404 of the Clean Water Act. The Project Site is entirely developed and covered with impermeable surfaces and does not contain any wetlands or natural drainage channels. ***Therefore, the Project Site does not have the potential to support any riparian or wetland habitat, as defined by Section 404 of the Clean Water Act (see Question IV(b), above), and no impacts to riparian or wetland habitats would occur with implementation of the Proposed Project.***

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No Impact. A project would normally have a significant impact on biological resources if it could result in the interference with wildlife movement/migration corridors that may diminish the chances for long-term survival of a sensitive species. The Project Site is improved with four commercial/retail buildings and surface parking. Vegetation in the vicinity of the Project is limited to ornamental landscaping. Due to the highly urbanized surroundings, there are no wildlife corridors or native wildlife nursery sites in the Proposed Project vicinity. ***Therefore, the Proposed Project would not interfere with the movement of any resident or migratory fish or wildlife species.***

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Less Than Significant Impact. A project-related significant adverse effect could occur if a project were to cause an impact that is inconsistent with local regulations pertaining to biological resources, such as the City of Los Angeles Protected Tree Ordinance, 186,873. There are nine street trees in the public right-of-way surrounding the Project Site. All street trees in the public right-of-way are expected to be removed as a result of the Proposed Project. These street trees are not protected native tree species.[16] All significant (8-inch or greater trunk diameter, or cumulative trunk diameter if multi-trunked, as measured 54 inches above the ground) non-protected trees on the Project Site proposed for removal will be replaced at a 2:1 ratio with a minimum 24-inch box tree pursuant to the Department of Urban Forestry's permit conditions. As discussed above, the Proposed Project would be required to comply with the Federal Migratory Bird Treaty Act and Sections 3503, 3503.5, and 3513 of the California Fish and Game Code, which prohibits take of all birds and their active nests including raptors and other migratory non-game birds. ***Thus, any impacts upon the loss of on-site trees would be less than significant.***

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. A significant impact would occur if the proposed project would be inconsistent with mapping or policies in any conservation plans of the types cited. The Project Site and its vicinity are not part of any draft or adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan. ***Therefore, no impact would occur with implementation of the Proposed Project*.**

Cumulative Impacts

Less Than Significant Impact. The Proposed Project would have a less than significant impact upon biological resources with adherence to applicable regulatory compliance measures. Development of the Proposed Project in combination with related projects would not significantly impact wildlife corridors or habitat for any candidate, sensitive, or special status species identified in local plans, policies, or regulations, or by the CDFG or the USFWS as no such habitat occurs in the vicinity of the Project Site due to the existing urban development. Moreover, development of the related projects is expected to occur in accordance with adopted plans and regulations. Each of the related projects would be subject to discretionary City approval and project-specific CEQA review that would address biological resources. ***Thus, cumulative impacts to biological resources would be less than significant.***

[16] *The Tree Resource, Tree Report, 1123-1161 S. Main Street, Los Angeles, CA 90015, October 18, 2018.*

V. Cultural Resources

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?	☐	☐	☒	☐
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	☐	☐	☒	☐
c. Disturb any human remains, including those interred outside of dedicated cemeteries (see Public Resources Cod, Ch. 1.75 §5097.98, and Health and Safety Code §7050.5(b))??	☐	☐	☒	☐

This section summarizes and incorporates by reference information from the following reports:

- Historic Resource Assessment, 1159-1165 Main Street ("Historic Resource Assessment"), prepared by Historic Preservation Consulting, dated May 2019.
- Archaeological Resources Recommendations for the Main Street Tower Project, Los Angeles, California ("Archaeological Resource Assessment"), prepared by Dudek, dated March 2019.

These reports are included as Appendix C of this SCEA.

PROJECT-SPECIFIC IMPACTS

a) Cause a substantial adverse change in the significance of a historical resource as pursuant to State CEQA Guidelines §15064.5?

Less Than Significant Impact. A significant impact may occur if the Proposed Project results in a substantial adverse change in the significance of a historic resource. Section 15064.5 of the State CEQA Guidelines defines a historical resource as: (1) a resource listed in or determined to be eligible by the State Historical Resources Commission for listing in the California Register of Historical Resources; (2) a resource listed in a local register of historical resources or identified as significant in an historical resource survey meeting certain State guidelines; or (3) an object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, provided that the lead agency's determination is supported by substantial evidence in light of the whole record. A substantial adverse change in the significance of a historic resource means demolition, destruction,

relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired.[17]

Section 15064.5(b)(2) of the CEQA Guidelines provides that "[t]he significance of an historical resource is materially impaired when a project:

> *(a) Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources; or*
>
> *(b) Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or*
>
> *(c) Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources as determined by a lead agency for purposes of CEQA.*

The Project Site is currently occupied by four commercial buildings and paved surface parking. The Proposed Project includes demolishing the existing buildings and constructing a 30-story mixed-use residential and commercial building.

According to the Historic Resource Assessment, three of the four commercial buildings on the Project Site (1147-1155 South Main Street) were constructed circa 1986 of concrete block. Given their recent dates of construction, complete lack of architectural distinction and use as retail stores and warehouses, none of the three buildings meet the threshold required for National and California eligibility for buildings of the recent past. Therefore, no further evaluation of these three properties will be provided.

The Historic Resource Assessment provides an analysis of the commercial/industrial building located on the Project Site at 1159-1165 South Main Street ("subject property"). This property was constructed circa 1921 and was historically used as an auto-related business.

The City of Los Angeles' Office of Historic Resources recently completed a citywide historic resource survey known as SurveyLA. As part of the survey, historic context statements and survey reports relevant to study of the Project Site were prepared, including for industrial development in the City of Los Angeles, and for the Central City Community Plan Area. The subject property was not identified as a potential historical resource in either SurveyLA document. In addition, the subject property has not ever been previously surveyed for historic or

[17] *CEQA Guidelines, Section 15064.5(b)(1).*

architectural significance; this historic resource assessment is the first known assessment of the subject property.

The Historic Resource Assessment evaluates the subject property for historic and architectural significance for eligibility for listing in the National Register of Historic Places (National Register), California Register of Historical Resources (California Register), and for local designation, both individually as a Historic Cultural Monument (HCM), and as part of a potential historic district or Historic Preservation Overlay Zone (HPOZ). Because eligibility criteria for local HCM designation align in large degree with eligibility criteria for National and California Registers, the following evaluation considers eligibility under each of the criteria at federal, state and local levels under a single heading.

Criterion A/1/1: Is associated with events that have made a significant contribution to the broad patterns of our history and cultural heritage.

The subject property was evaluated under criterion A/1/1 for its association with its first tenant for whom the building was constructed, Spencer Kennelly, Inc., and the early history of the automobile in Los Angeles, specifically car showrooms. As established in this report, the history of the automobile industry is an important historic context in Los Angeles. SurveyLA provides the following eligibility standards for this property type:

- Originally constructed to sell, and often provide servicing for, the automobile
- Demonstrates convenient automobile access from the street
- Is an excellent example of the property type
- Contains design and site layout features that reflect the needs of selling and servicing the automobile
- Was constructed during the period of significance [1920-1970]

While the subject property meets two of the eligibility criteria, as it was constructed during the period of significance as an automobile showroom, it does not demonstrate automobile access from the street, it does not contain design or site layout features that reflect the needs of selling and servicing automobiles and is therefore not an excellent example of the property type. As the subject property does not meet the eligibility criteria, it is not significant as an early car showroom and it is therefore not eligible under criterion A/1/1. SurveyLA findings for the Central City CPA identified a number of properties that appear eligible as automobile showrooms, specifically another Chevrolet showroom a few blocks from the subject property at the corner of South Hope Street and 12th Street. Thus, there are better examples of the property type extant in the CPA.

Criterion B/2/2: Is associated with the lives of persons important in our past.

Although several individuals have been associated with the subject property, none rise to the level required to warrant consideration under Criterion B/2/2. Spencer Kennelly and Henry Novisoff both seem to have managed successful businesses at the subject property. However,

neither appear to have made a notable contribution to their field of selling used Chevrolet cars or selling tires, respectively. There is no evidence either person substantially changed the history of those fields. Therefore, the subject property is not eligible under criterion B/2/2.

> *Criterion C/3/3: Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual or possesses high artistic values.*

While the building at the subject property was designed by John Montgomery Cooper, it does not appear eligible under criterion C/3/3. John Montgomery Cooper was a notable Los Angeles architect. He worked on a variety of properties throughout his career, including commercial, residential, and industrial properties. Several of his notable buildings are extant and listed in the National Register, including the Hollywood Knickerbocker Hotel, Grether & Grether Building, and Roxie Theater. In contrast to these other buildings, the subject property is very modestly-scaled without any recognizable architectural style and does not appear to be part of his important work. In addition, the subject property has been altered numerous times and no longer reflects its original architectural design. Therefore, the subject property is not eligible under criterion C/3/3.

> *Criterion D/4: Has yielded, or may be likely to yield, information important in prehistory or history.*

The subject property cannot be reasonably expected to yield information important in prehistory or history; therefore, it is not eligible under Criterion D/4.

Historic District

As noted above, a HPOZ "is any area of the City of Los Angeles containing buildings, structures, landscaping, natural features or lots having historic, architectural, cultural, or aesthetic significance." The subject property is not part of a distinguishable unified neighborhood or area. The surrounding neighborhood contains a mix of building uses, including residential, commercial, and industrial, from a variety of time periods, including a substantial amount of relatively new construction. There is no significant concentration, linkage, or continuity of sites, buildings, structures or objects united historically or aesthetically. In addition, there is not a strong sense of time and place. Therefore, there does not appear to be any potential National or California Register historic district or HPOZ to which the subject property could contribute.

Adjacent and Nearby Historical Resources

There are no identified historical resources located adjacent to the subject property. The closest historical resources, the Herald-Examiner Building at 1111 South Broadway (formally determined eligible for listing in the National Register, listed in the California Register and HCM #178) and Commercial Club Building at 1100 South Broadway (HCM #1075) are both located at the intersection of South Broadway and 11th Street. SurveyLA did not identify any potential

historical resources or potential historic districts in the vicinity of the subject property. The Proposed Project would have no direct impacts on these two historic buildings. There are no historical resources on the Project Site, and no historical resources would be demolished, destroyed, altered, or relocated as a result of the Proposed Project. The Proposed Project would have a less than significant impact on the historic and potentially historic resources near the Project Site, as the Proposed Project does not directly abut these historic resources and would not result in a substantial adverse change to the immediate surroundings of this historical resource to the degree it would no longer be eligible for listing under national, state, or local landmark designation programs. These historic resources would continue to be eligible for listing as historical resources defined by CEQA. No mitigation is required or recommended. ***Therefore, the development of the Proposed Project would not cause a substantial adverse change in the significance of a historical resource and impacts to historical resources would be less than significant.***

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to State CEQA Guidelines §15064.5?

Less Than Significant Impact. A significant impact may occur if grading or excavation activities associated with the Proposed Project would disturb archaeological resources, which presently exist within the Project Site. The Project Site has been previously developed and graded. The Project Site and immediate surrounding areas do not contain any known archaeological resources.[18] For purposes of assessing the Project's potential impacts upon archaeological resources, the following analysis summarizes the findings of the Archaeological Resources Recommendations for the Main Street Tower Project, Los Angeles, California ("Archaeological Resource Assessment"), prepared by Dudek, dated March 2019. (See Appendix C to this SCEA).

SCCIC Records Search

A California Historical Resources Information System (CHRIS) records search was conducted at the South Central Coastal Information Center (SCCIC) on January 31, 2019 for the proposed Project Site and surrounding 0.5-mile search buffer. This search included their collections of mapped prehistoric, historic, and built environment resources, Department of Parks and Recreation (DPR) Site Records, technical reports, and ethnographic references. Additional consulted sources included historical maps of the Project Site, the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the California Historic Property Data File, and the lists of California State Historical Landmarks, California Points of Historical Interest, and the Archaeological Determinations of Eligibility.

Results of the cultural resources records search indicated that 38 previous cultural resource studies have been conducted within the records search area between 1978 and 2017 (Table 1

[18] *City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Prehistoric & Historical Archaeological Sites and Survey Areas in the City of Los Angeles, September 1996.*

of the Archaeological Resource Assessment). None of these studies identified overlap the Project Site.

Forty Seven (47) previously recorded cultural resources have also been documented within a 0.5-mile of the Project Site. None of these intersect the Project Site. Forty six (46) resources identified during the records search are historic-era buildings, and the remaining resource consists of a historic-era trash deposit. As analyzed under Tribal Cultural Resources, (see Response to Checklist Question XVIII (a) and (b), Tribal Cultural Resources, below) no cultural resources of Native American origin are documented within the Project Site or surrounding 0.5-mile search area of files held at the SCCIC.

Native American Correspondence

NAHC Sacred Lands File Search

As part of the process of identifying cultural resources within or near the Project Site, Dudek contacted the NAHC to request a review of the Sacred Lands File (SLF) on January 29, 2019. The NAHC emailed a response on January 31, 2019, which indicated that the SLF search was completed with negative results. Because the SLF search does not include an exhaustive list of Native American cultural resources, the NAHC suggested contacting Native American individuals and/or tribal organizations who may have direct knowledge of cultural resources in or near the Project Site. The NAHC provided the contact information of ten individuals and/or entities with whom to contact along with the SLF search results. Documents related to the NAHC SLF search are included in Attachment C of the Archaeological Resource Assessment.

Archival Research

Dudek consulted historic aerials, accessed through University of California Santa Barbara's Map and Imagery Laboratory, Sanborn Maps, accessed through the Los Angeles Public Library, and historical maps accessed through the Los Angeles Public Library, the Huntington Map Library, and the David Rumsey Map Collection, to understand the development of the Project Site. Three historical maps showing the City of Los Angeles in 1884, 1887, and 1921 were consulted (Baist 1921; Eaton 1887 and Stevenson 1884). Sanborn maps were available for the years 1888, 1894, 1906, 1950, and 1953 (Sanborn Map Company 1888, 1894, 1906, 1950, and 1953). Historical aerials were available for the years 1930, 1938, 1947, 1956, 1962, 1971, and 1986 (Aerial Map Industries 1986; Fairchild Aerial Surveys 1930, 1947, 1956, 1962; Laval Company Inc. 1938; Teledyne Geotronics 1971). Additionally, historic photos depicting the Project Site in the late nineteenth century were accessed via the University of Southern California's Digital Photo Collection (C.C. & Pierce Co. 1913 and Merriman Photo Art ca. 1900).

The 1884 map, prepared by a United States Surveyor H.J. Stevenson, shows that at this time the Project Site had belonged to Orzo W. Childs, though it had not yet been subdivided. A segment of the Zanja network is seen running east of the Project Site (Zanja No. 5) and one segment is seen running west of the Project Site (Zanja No. 8). The Fred Eaton 1887 map, depicting the proposed sewers of Los Angeles, shows the Project Site within a now subdivided

area. There is no reference to Zanja No. 5 or Zanja No. 8 on this map; however, the *Arroyo de los Reyes* is mapped running west of the Project Site. The *Arroyo de los Reyes* was a creek which originated north of what is now Echo Park, ran through a ravine, and then emerged near what is now Pershing Square.

The earliest Sanborn Map, from 1888, shows the block containing the Project Site developed as the "Residence and Ornamental Grounds" of Orzo W. Childs. The Project Site would have been in southeastern corner of the grounds and there does not appear to be any development in that area in 1888. The 1888 Sanborn map shows that development in the vicinity at this time consisted of a few domestic residences. In 1888 there appears to be a water pipe running down South Main Street, signified by two dashed lines running down the street. Additionally, the 1888 Sanborn shows that at this time, South Broadway had not been laid out and the block where the Project Site is located was approximately double its current size. Neither Zanja No. 5 nor Zanja No. 8 are depicted on the 1888 Sanborn. The 1894 Sanborn shows few changes to the block where the Project Site is located, though a few more small buildings appear to have been built along the western boundary of the block. The Project Site appears to still be devoid of any developments in 1894 and the nearby area is largely unchanged as well. In 1894, South Broadway had been partially laid out and meets South Main Street n^{or}th of 11th Street. No references to Zanja No. 5 or Zanja No. 8 are made on the 1894 Sanborn. The water pipe present on the 1888 Sanborn is also present in 1894 and is designated as a 12 inch water pipe. The 1906 Sanborn shows that the block containing the Project Site had been redeveloped and was now home to Huntington Hall, a school for girls. The 1906 Sanborn shows that there were no buildings within the actual Project Site at this time. There are no significant changes to the nearby area visible on the 1906 Sanborn. Neither Zanja No. 5 nor Zanja No. 8 are mapped on the 1906 map, or any later maps showing the Project Site. A historic drawing from 1900 depicting the Project Site during the late nineteenth century shows the Child's residence, which appeared to be a large mansion on carefully landscaped grounds. A later photo, from 1908 shows the Huntington Residence, which had been the Child's Residence previously, in much the same state. Neither photo depict a Zanja or other such features running through the area. A real estate map prepared by G.W. Baist in 1921, shows that by this time South Broadway had been laid out in its current position and the block containing the Project Site had been subdivided. The majority of the block where the Project Site is located was not developed; however, there were three buildings within the Project Site, including two automobiles stores and two unnamed structures. Between 1906 and 1921 several new commercial developments had been built in the vicinity; though there were still many undeveloped lots and several single-family homes in the area.

Later Sanborn maps show a steady increase in development within the Project Site and vicinity. By 1950, there were several developments within the Project Site, including a private garage, an auto sales lot, several stores, and a clothing manufacturer. The nearby areas had experienced massive redevelopment between 1921 and 1950 as well and were home to various commercial enterprises with very few single family homes in the nearby vicinity. There are no changes between the 1950 Sanborn and the 1953 Sanborn.

Historical aerials consulted dating from 1930 onwards indicate that the Project Site and vicinity were already heavily developed early in the twentieth century. The aerials from the 1930s show that by this time the Project Site was essentially completely developed. Overtime there were changes to the area resulting from redevelopment and in-fill projects. The Project Site appears to have been redeveloped between the 1960s and the 1970s, and by the late 1980s the Project Site was completely built out. Between 1986 and present, three buildings in the north of the Project Site were demolished and a parking lot was put in their place. No segments of Zanja No. 5 or Zanja No. 8 are visible on any historical aerials consulted. A thorough review of historic sources, including historical documents, academic research, maps, and aerials have not shown these Zanja segments to be located within or directly adjacent the Project Site. No cultural resources were identified within, or in the vicinity of, the Project Site through a CHRIS records search, SLF search, or archival research.

Because the presence or absence of archaeological materials cannot be determined until the Project Site is excavated, the Department of City Planning requires the following Regulatory Compliance Measure be implemented to ensure that if any archaeological resources are encountered during construction, impacts to such resources would remain less than significant. ***Therefore, compliance with the provisions of 14 CCR 15064.5(f) as set forth in RCM-CR-1 would ensure that the environmental impacts associated with the inadvertent discovery of significant archaeological resources would be reduced to a less than significant level.***

RCM-CR-1 **Archaeological.** In the event that cultural resources (sites, features, artifacts, or fossilized material) are exposed during construction activities for the Proposed Project, all construction work occurring in the vicinity of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Depending upon the significance and nature of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing or data recovery may be warranted.

c) Disturb any human remains, including those interred outside of formal cemeteries (see Public Resources Cod, Ch. 1.75 §5097.98, and Health and Safety Code §7050.5(b))?

Less Than Significant Impact. A project-related significant adverse effect could occur if grading activities associated with the Proposed Project would disturb previously interred human remains.

Unanticipated Human Remains

Based on the Archaeological Resource Assessment (see Appendix C), in accordance with Section 7050.5 of the California Health and Safety Code, if human remains are found, the county coroner shall be immediately notified of the discovery (see Response to Comment RCM-

CR-2, below). No further excavation or disturbance of the Project Site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the county coroner has determined, within 2 working days of notification of the discovery, the appropriate treatment and disposition of the human remains. If the county coroner determines that the remains are, or are believed to be, Native American, he or she shall notify the NAHC in Sacramento within 24 hours. In accordance with California Public Resources Code, Section 5097.98, the NAHC must immediately notify those persons it believes to be the most likely descendant from the deceased Native American. The most likely descendant shall complete his/her inspection within 48 hours of being granted access to the Project Site. The designated Native American representative would then determine, in consultation with the property owner, the disposition of the human remains. ***Compliance with regulatory compliance measures would ensure that if any such remains are found during construction of the Proposed Project, they would be handled according to the proper regulations, and impacts to human remains would be less than significant.***

Regulatory Compliance Measure

RCM-CR-2 (**Human Remains).** If human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to California Public Resources Code (PRC) Section 5097.98. In the event that human remains are discovered during excavation activities, the following procedure shall be observed:

- Stop immediately and contact the County Coroner:
  1104 N. Mission Road
  Los Angeles, CA 90033
  (323) 343-0512 (8 a.m. to 5 p.m. Monday through Friday) or
  (323) 343-0714 (After Hours, Saturday, Sunday, and Holidays)
- If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC).
- The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American.
- The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods.
- If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC.

Cumulative Impacts

Less Than Significant Impact. Implementation of the Proposed Project, in combination with the related projects in the Project Site vicinity, would result in the continued redevelopment and

revitalization of the surrounding area. Impacts to cultural resources tend to be site-specific and are assessed on a site-by-site basis. The analysis of the Proposed Project's impacts to cultural resources concluded that the Proposed Project would have no significant impacts with respect to cultural resources following compliance with standard regulatory measures. For example, if human remains are encountered unexpectedly during construction demolition and/or grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98. In the event that human remains are discovered during excavation activities, the City's grading regulations require the contractor to immediately stop working in the area of the find and contact the County Coroner. If the remains are determined to be of Native American descent, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC). The NAHC will immediately notify the person it believes to be the most likely descendent of the deceased Native American. The most likely descendent has 48 hours to make recommendations to the owner, or representative, for the treatment or disposition, with proper dignity, of the human remains and grave goods. If the owner does not accept the descendant's recommendations, the owner or the descendent may request mediation by the NAHC. Depending upon the significance of any inadvertent discovery of archaeological resources, under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing, or data recovery may be warranted. ***Therefore, the Proposed Project's incremental contribution to impacts upon archaeological resources would not be considerable, and cumulative impacts to cultural resources would be less than significant.***

VI. Energy

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

Regulatory Setting

Federal

Corporate Average Fuel Economy Standard's

Enacted by Congress in 1975, the Corporate Average Fuel Economy (CAFE) standard's purpose is to reduce energy consumption by increasing the fuel economy of cars and light trucks. The CAFE standards are fleet-wide averages that must be achieved by each automaker for its car and truck fleet, each year, since 1978. When these standards are raised, automakers respond by creating a more fuel-efficient fleet. CAFE standards are regulated by the United States Department of Transportation's (U.S. DOT) National Highway Traffic Safety Administration (NHTSA). The NHTSA sets standards to increase CAFE levels rapidly over the next several years, which will improve the nation's energy security and save consumer's money at the gas pump, while also reducing greenhouse gas (GHG) emissions. In 2012, the NHTSA established final passenger car and light truck CAFE standards for model years 2017 through 2021, which the agency projects will require in model year 2021, on average, a combined fleet-wide fuel economy of 40.3 to 41.0 miles per gallons (mpg). Currently, the U.S. DOT and the U.S. Environmental Protection Agency (U.S. EPA) propose the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule, which would amend existing CAFE standards and tailpipe carbon dioxide emissions standards for passenger cars and light trucks and establish new standards covering model years 2021 through 2026. The NHTSA and the U.S. EPA are currently seeking comment on this proposal.[19,20]

Fuel efficiency standards for medium- and heavy-duty trucks have been jointly developed by U.S. EPA and NHTSA. The Phase 1 medium- and heavy-duty truck standards apply to combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles for model

[19] *U.S. DOT, Corporate Average Fuel Economy (CAFE) Standards, accessed May 2019.*

[20] *U.S. DOT,NHTSA, Corporate Average Fuel Economy (CAFE), Laws and Regulations, accessed July 2019.*

years 2014 through 2018, and result in a reduction in fuel consumption from 6 to 23 percent over the 2010 baseline, depending on the vehicle type.[21] U.S. EPA and NHTSA have also adopted the Phase 2 medium- and heavy-duty truck standards, which cover model years 2021 through 2027 and require the phase-in of a 5 to 25 percent reduction in fuel consumption over the 2017 baseline depending on the compliance year and vehicle type.[22]

Energy Independence and Security Act

The Energy Independence and Security Act of 2007 (EISA) facilitates the reduction of national GHG emissions by requiring the following:

- Increasing the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard (RFS) that requires fuel producers to use at least 36 billion gallons of biofuel in 2022;
- Prescribing or revising standards affecting regional efficiency for heating and cooling products, procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances;
- Requiring approximately 25 percent greater efficiency for light bulbs by phasing out incandescent light bulbs between 2012 and 2014; requiring approximately 200 percent greater efficiency for light bulbs, or similar energy savings, by 2020; and
- While superseded by the U.S. EPA and NHTSA actions described above, (i) establishing miles per gallon targets for cars and light trucks and (ii) directing the NHTSA to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for trucks.

Additional provisions of EISA address energy savings in government and public institutions, promote research for alternative energy, additional research in carbon capture, international energy programs, and the creation of "green jobs."[23]

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[21] *U.S. EPA, NHTSA, Federal Register Volume 76, No. 179, Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles, September 15, 2011.*

[22] *U.S. EPA, NHTSA, Federal Register Volume 81, No. 206, Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles – Phase 2, October 25, 2016.*

[23] *A green job, as defined by the United States Department of Labor, is a job in business that produces goods or provides services that benefit the environment or conserve natural resources.*

State

Clean Car Standards – Pavley, Assembly Bill 1493

In 2002 the California State Legislature adopted and the Governor signed AB 1493 (Chapter 200, Statutes 2002, Pavley), in an effort to reduce greenhouse gas emissions in response to the increasing threat of climate change to the well-being of California's citizens and the environment. AB 1493, directed the California Air Resources Board (CARB) to adopt the maximum feasible and cost-effective reductions in GHG emissions from light-duty vehicles. On September 24, 2009, CARB adopted amendments to the "Pavley" regulations that reduce GHG emissions in new passenger vehicles from 2009 through 2016 and later. It is expected that the Pavley regulations will reduce GHG emissions from California passenger vehicles by about 22 percent in 2012 and about 30 percent in 2016, while improving fuel efficiency and reducing motorists' costs.[24]

California Global Warming Solutions Act (AB 32)

As discussed in Section IV.C, Greenhouse Gas Emissions, of this Draft EIR, Assembly Bill (AB) 32 (Health and Safety Code Sections 38500–38599), also known as the California Global Warming Solutions Act of 2006, commits the state to achieving year 2000 GHG emission levels by 2010 and year 1990 levels by 2020. To achieve these goals, AB 32 tasked the California Public Utilities Commission (CPUC) and the California Energy Commission (CEC) with providing information, analysis, and recommendations to CARB regarding ways to reduce GHG emissions in the electricity and natural gas utility sectors. The bill requires CARB to adopt rules and regulations in an open public process to achieve the maximum technologically feasible and cost-effective GHG reductions. On July 2018, CARB announced that greenhouse gas pollution in California fell below 1990 levels, therefore achieving its 2020 greenhouse gas emissions goal set by AB 32.[25]

California Renewables Portfolio Standard

The California Renewables Portfolio Standard (RPS) program, which was established in 2002 by Senate Bill (SB) 1078, required that 20 percent of the available energy supplies in California come from renewable energy sources by 2017. In 2006, SB 107 accelerated the 20-percent mandate to 2010. These mandates apply directly to investor-owned utilities. In 2011, California Governor Jerry Brown signed into law Senate Bill 2X, which modified California's RPS program to require that both publicly- and investor-owned utilities in California receive at least 33 percent of their electricity from renewable sources by the year 2020. In October 2015, Governor Brown signed into legislation Senate Bill 350 (SB 350), which requires retail sellers and publicly-owned utilities to procure 50 percent of their electricity from eligible renewable energy resources by 2030. In 2018, Senate Bill 100 (SB 100) was signed into law, which again increases the RPS to

[24] *CARB, Clean Car Standards – Pavley, Assembly Bill 1493, accessed April 2019.*

[25] *CARB, "Climate Pollutants Fall Below 1990 Levels for First Time", website: https://ww2.arb.ca.gov/news/climate-pollutants-fall-below-1990-levels-first-time accessed May 2019.*

60 percent by 2030 and requires all of California's electricity to come from carbon-free resources by 2045. SB 100 became effective on January 1, 2019.[26]

In-Use Off-Road Diesel Fueled Fleets Regulation

Since off-road vehicles that are used in construction and other related industries can last 30 years or longer, most of those that are in service today are still part of an older fleet that do not have emission controls. In 2007, CARB approved the "In-Use Off-Road Diesel Fueled Fleets Regulation" to reduce emissions from existing (in-use) off-road diesel vehicles that are used in construction and other industries. This regulation sets an anti-idling limit of five minutes for all off-road vehicles 25 horsepower and up. It also establishes emission rates targets for the off-road vehicles that decline over time to accelerate turnover to newer, cleaner engines and require exhaust retrofits to meet these targets. Revised in October 2016, the regulation enforced off-road restrictions on fleets adding vehicles with older tier engines, and started enforcing beginning July 1, 2014. By each annual compliance deadline, a fleet must demonstrate that it has either met the fleet average target for that year, or has completed the Best Available Control Technology requirements (BACT). Large fleets have compliance deadlines each year from 2014 through 2023, medium fleets each year from 2017 through 2023, and small fleets each year from 2019 through 2028. While the goal of this measure is primarily to reduce public health impacts from diesel emissions, compliance with the regulation could potentially result in an increase in energy savings in the form of reduced fuel consumption from more fuel efficient engines.[27]

California Air Resources Board

Advanced Clean Cars Program

The Advanced Clean Cars Program was approved by CARB in 2012. It represents a new approach by controlling emissions from passenger vehicles. The program requires a greater number of zero-emission vehicle models for years 2015 through 2025 to control smog, soot, and GHG emissions. Components of this program are the Low-Emission Vehicle (LEV) regulations that reduce criteria pollutants and GHG emissions from light- and medium-duty vehicles, and the Zero-Emission Vehicle (ZEV) regulation, which requires manufacturers to produce an increasing number of pure ZEVs, with provisions to also produce plug-in hybrid electric vehicles (PHEV) in the 2018 through 2025 model years. The number of plug-in hybrid cars and zero-emission vehicles on California's roads and highways will increase and fuels, such as electricity and hydrogen, will be readily available for these new vehicle technologies.[28] In particular,

[26] *California Public Utilities Commission, California Renewables Portfolio Standard, website: https://www.cpuc.ca.gov/rps/, accessed March 2020.*

[27] *Office of Energy Efficiency & Renewable Energy, Energy Efficiency, website: https://www.energy.gov/eere/vehicles/fuel-efficiency, accessed May 2020.*

[28] *California Air Resources Board, Advanced Clean Cars Program, website: https://ww2.arb.ca.gov/our-work/programs/advanced-clean-cars-program/about, accessed March 2020.*

implementation of the ZEV and PHEV regulations reduce transportation fuel consumption by increasing the number of vehicles that are partially or fully electric-powered.

Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling

In 2004, CARB adopted an Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling in order to reduce public exposure to diesel particulate matter emissions (Title 13 California Code of Regulations [CCR] Section 2485). The measure applies to diesel-fueled commercial vehicles with gross vehicle weight ratings greater than 10,000 pounds that are licensed to operate on highways, regardless of where they are registered. This measure does not allow diesel-fueled commercial vehicles to idle for more than five minutes at any given location. While the goal of this measure is primarily to reduce public health impacts from diesel emissions, compliance with the regulation also results in energy savings in the form of reduced fuel consumption from unnecessary idling.

Senate Bill 1389

Senate Bill 1389 (SB 1389) requires the CEC to conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices. The CEC shall use these assessments and forecasts to develop energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety. The CEC adopts a new or updated Integrated Energy Policy Report (IEPR) every two years. The most recent IEPR was released in early 2020 and addressed a variety of issues, including, but not limited to, implementation of SB 350, electricity resource/supply plans, electricity and natural gas demand forecast, natural gas outlook, transportation energy demand forecasts, doubling energy efficiency savings, integrated resource planning, climate adaptation and resiliency, renewable gas, Southern California energy reliability, distributed energy resources, strategic transmission investment plan, and existing power plant reliability issues.[29]

Title 24 Energy Efficiency Standards

California's Energy Efficiency Standards for Residential and Nonresidential Buildings (Title 24, Part 6 of the California Code of Regulations) (Title 24 Standards) were established in 1978 in response to a legislative mandate to reduce California's energy consumption to ensure that building construction and system design and installation achieve energy efficiency and preserve outdoor and indoor environmental quality. The standards are updated periodically (typically every three years) to allow consideration and possible incorporation of new energy efficiency technologies and methods.

The 2019 Standards went into effect on January 1, 2020, and improve upon the 2016 Standards for new construction of, and additions and alterations to, residential and nonresidential buildings. The 2019 update to the Energy Efficiency Standards for Residential and

[29] *CEC, Final 2020 Integrated Energy Policy Report, accessed June 2021.*

Nonresidential Buildings focuses on several key areas to improve the energy efficiency of new constructed buildings and additions and alterations to existing buildings. The most significant efficiency improvements to the residential Standards include the introduction of photovoltaic into the prescriptive package, improvements for attics, walls, water heating, and lighting, whereas the major efficiency improvements to the nonresidential Standards include alignment with the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) 90.1-2017 national standards. The 2019 Standards also include changes made throughout all of its sections to improve the clarity, consistency, and readability of the regulatory language. Furthermore, the 2019 update requires that enforcement agencies determine compliance with CCR, Title 24, Part 6 before issuing building permits for any construction.[30]

Part 11 of the Title 24 Building Energy Efficiency Standards is referred to as the California Green Building Standards (CALGreen) Code. The purpose of the CALGreen Code is to "improve public health, safety, and general welfare by enhancing the design and construction of buildings through the use of building concepts having a reduced negative impact or positive environmental impact and encouraging sustainable construction practices in the following categories: (1) Planning and design; (2) Energy efficiency; (3) Water efficiency and conservation; (4) Material conservation and resource efficiency; and (5) Environmental air quality."[31] The CALGreen Code establishes mandatory measures for new residential and non-residential buildings. Such mandatory measures include energy efficiency, water conservation, material conservation, planning and design, and overall environmental quality. As previously mentioned, the 2019 update to the CALGreen Code went into effect on January 1, 2020. The 2019 CALGreen Code improves upon the previously applicable 2016 CALGreen Code by updating standards for bicycle parking, electric vehicle charging, and water efficiency and conservation.

Regional

Southern California Association of Governments 2020-2045 RTP/SCS

The Project Site is located within the six-county region that comprises the SCAG planning area. On September 3, 2020, SCAG's Regional Council adopted the Connect SoCal (2020-2045 Regional Transportation Plan/Sustainable Communities Strategy). In 2012, SCAG adopted the region's first Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) – a plan that the Regional Council now calls Connect SoCal. Connect SoCal charts a path toward a more mobile, sustainable and prosperous region by making connections between transportation networks and between planning strategies. The most recently adopted 2020-2045 RTP/SCS, referred to as the Connect SoCal Plan, builds upon and expands land use and transportation strategies established over several planning cycles to increase mobility options and achieve a more sustainable growth pattern.

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[30] *California Energy Commission, 2019 Building Energy Efficiency Standards, December 2018, https://ww2.energy.ca.gov/publications/displayOneReport_cms.php?pubNum=CEC-400-2018-020-CMF, accessed June 2021.*

[31] *California Building Standards Commission, 2010 California Green Building Standards Code, (2010).*

Local

The Green New Deal Sustainable City pLAn 2019

In 2015, Mayor Eric Garcetti released the City's first Sustainable City pLAn (Sustainable City pLAn) through Executive Directive No. 7. In 2019, the Mayor's office adopted The Green New Deal Sustainable City pLAn 2019 (L.A.'s Green New Deal) as an update to the 2015 Sustainable City pLAn. L.A.'s Green New Deal establishes accelerated goals for a cleaner environment and a stronger economy, with commitment to equity as its foundation and sets the following targets for a sustainable city:

- Supply 55 percent renewable energy by 2025; 80 percent by 2036; and 100 percent by 2045;
- Source 70 percent of our water locally by 2035, and capture 150,000 acre ft/yr (AFY) of stormwater by 2035;
- Reduce building energy use per square foot for all types of buildings 22 percent by 2025; 34 percent by 2035; and 44 percent by 2050;
- Reduce Vehicle Miles Traveled per capita by at least 13 percent by 2025, 39 percent by 2035, and 45 percent by 2050;
- Ensure 57 percent of new housing units are built within 1,500 feet of transit by 2025; and 75 percent by 2035;
- Increase landfill diversion rate to 90 percent by 2025; 95 percent by 2035, and 100 percent by 2050;
- Increase the percentage of zero emission vehicles in the city to 25 percent by 2025; 80 percent by 2035; and 100 percent by 2050;
- Create 300,000 green jobs by 2035; and 400,000 by 2050;
- Convert all city fleet vehicles to zero emission where technically feasible by 2028;
- Reduce municipal GHG emissions 55 percent by 2025 and 65 percent by 2035 from 2008 baseline levels, reaching carbon neutral by 2045.

City of Los Angeles Green Building Code

In 2010, the City adopted the 2010 CALGreen, with amendments, as Ordinance No. 181,480, thereby codifying provisions of CALGreen as the new "L.A. Green Building Code," applicable to new development projects. As amended by Ordinance 186,488 in 2019, the L.A. Green Code incorporates by reference portions of the 2019 Edition of the CALGreen Code. Specific mandatory requirements and elective measures are provided for three categories: (1) low-rise residential buildings; (2) non-residential and high-rise residential buildings; and (3) additions and alterations to non-residential and high-rise residential buildings. Chapter IX, Article 9, Division 5 includes mandatory measures for newly constructed non-residential and high-rise residential buildings. The L.A. Green Building Code includes some requirements that are more stringent than State requirements such as increased requirements for electric vehicle charging spaces and water efficiency, which results in potentially greater energy demand reductions from improved transportation fuel efficiency and water efficiency. Specific measures in the L.A. Green

Building Code intended to improve building energy efficiency and conserve energy are included as LAMC Sections 99.04.201 through 99.04.505 for residential mandatory measures and as LAMC Sections 99.05.201 through 99.05.504 for non-residential mandatory measures. These energy efficiency measures include renewable energy, indoor and outdoor water uses, water reuse systems, waste reduction, pollutant control, and interior moisture control measures.

2017 Final Power Strategic Long-Term Resource Plan (SLTRP)

In April 2018, the Los Angeles Department of Water and Power (LADWP) approved the Power Strategic Long-Term Resource Plan (SLTRP), which increases LADWP's planning horizon, from 20 years ending in 2037 and extending through 2050, in order to better align with Statewide GHG emissions goals and align with Los Angeles' 100 percent clean energy initiative, detailed in the City's Los Angeles Green New Deal. The goal of the 2017 SLTRP is to identify a portfolio of generation resources and power system assets that meets the City's future energy needs at the lowest cost and risk consistent with LADWP's environmental priorities and reliability standards.

The 2017 Power SLTRP outlines an aggressive strategy for LADWP to accomplish its goals, comply with regulatory mandates under the State's RPS regulations, and provide sufficient resources over the next 20 years. The 2017 Power SLTRP incorporates the Enforcement Procedures for the RPS for Local Publicly Owned Electric Utilities pursuant to Section 399.30(l) of the California Renewable Energy Resources Act (SB 2 [1X]) and identifies optional compliance measures found in the Regulations. The 2017 Power SLTRP identifies a combination of GHG reduction strategies, including early coal replacement two years ahead of schedule by 2025; accelerating LADWP's RPS to 50 percent by 2025, 55 percent by 2030, and 65 percent by 2036; doubling of energy efficiency from 2017 through 2027; repowering coastal in-basin generating units with new, highly efficient potential clean energy projects by 2029 to provide grid reliability and critical ramping capability; accelerating electric transportation to absorb GHG emissions from the transportation sector; and investing in the Power System Reliability Program to maintain a robust and reliable power system. Thus, the 2017 Power SLTRP would achieve and exceed mandates established in previous RPS. In order to achieve a 100 percent clean energy portfolio, these strategies listed in the 2017 Power SLTRP are provided for LADWP to incorporate in order to reach the City's overall 100 percent clean energy initiative, as part of the City's Green New Deal.

With respect to the status of LADWP's RPS portfolio, LADWP achieved the state legislated goal of 32 percent of all energy sources coming from renewable energy in 2019.[32]

City of Los Angeles Solid Waste Integrated Resources Plan

Under the City's Solid Waste Integrated Resources Plan (SWIRP), the City committed to reaching Zero Waste by diverting 70 percent of the solid waste generated in the City by 2013,

[32] *California Energy Commission, Utility Annual Content Labels for Los Angeles Department of Water and Power, 2019.*

diverting 90 percent by 2025, and becoming a zero waste city by 2030.[33] Moreover, state law requires mandatory commercial recycling in all businesses and multi-family complexes and imposes additional reporting requirements on local agencies, including the City. In order to meet these requirements and goals, the City has established an exclusive, competitive franchise system for the collection, transportation and processing of commercial and multi-family solid waste that would aid the City in meeting its diversion goals by, among other things: (i) requiring franchises to meet diversion targets; (ii) increasing the capacity for partnership between the City and solid waste haulers; (iii) allowing the City to establish consistent methods for diversion of recyclables and organics; (iv) increasing the City's ability to track diversion, which would enable required reporting and monitoring of state mandated commercial and multifamily recycling; (v) increasing the City's ability to ensure diversion quality in the processing facilities handling its waste and recyclables; and (vi) increasing the City's capacity to enforce compliance with federal, state, county, and local standards. As reported by the Bureau of Sanitation, the City reached 72 percent diversion rate in 2010, the base year for SWIRP. By 2011, the City achieved 76.4 percent diversion rate.[34]

Existing Conditions

Electricity

Electricity, a consumptive utility, is a man-made resource. The production of electricity requires the consumption or conversion of energy resources, including water, wind, oil, gas, coal, solar, geothermal, and nuclear resources, into energy. The delivery of electricity involves a number of system components, for distribution and use. The electricity generated is distributed through a network of transmission and distribution lines commonly called a power grid. Conveyance of electricity through transmission lines is typically responsive to market demands.

The LADWP power system serves approximately 4 million people and is the nation's largest municipal utility. Its service territory covers the City of Los Angeles and many areas of the Owens Valley, with annual sales exceeding 26 million megawatt-hours (MWh). LADWP is a "vertically integrated" utility, both owning and operating the majority of its generation, transmission and distribution systems. LADWP strives to be self-sufficient in providing electricity to its customers and does so by maintaining generation resources that are equal to or greater than its customers' electrical needs.

LADWP obtains electricity from various generating sources that utilize coal, nuclear, natural gas, hydroelectric, and renewable resources to generate power. LADWP obtains power from four municipally-owned power plants within the Los Angeles Basin, LADWP Hydrogenerators on the Los Angeles Aqueduct, shared-ownership generating facilities in the Southwest, and also purchases power from the Southwest and Pacific Northwest. LADWP also purchases excess

[33] *City of Los Angeles, Department of Public Works, Bureau of Sanitation, Zero Waste Progress Report, March, 2013.*

[34] *City of Los Angeles, Department of Public Works, Bureau of Sanitation, Zero Waste Progress Report, March, 2013 (at page 46).*

power, as it is made available, from self-generators interconnected with the LADWP within the City.

According to LADWP's 2017 Power SLTRP, LADWP has a net dependable generation capacity greater than 7,531 MW.[35] On August 31, 2017, LADWP's power system experienced a record instantaneous peak demand of 6,432 MW.[36] In 2018, approximately 32 percent of LADWP's 2018 electricity mix was from renewable sources, which is similar to the 31 percent statewide percentage of electricity purchases from renewable sources.[37] The annual electricity sale to customers for the 2016-2017 fiscal year was approximately 22,878 million GWh.[38]

The LADWP currently provides electricity to the Project area with all required infrastructure present. The Project Site is developed with approximately 26,710 square feet of retail commercial land uses. It is estimated that existing uses on the Project Site currently consumes approximately 361,921 kWh of electricity per year.

Natural Gas

Natural gas is a combustible mixture of simple hydrocarbon compounds (primarily methane) that is used as a fuel source. Natural gas consumed in California is obtained from naturally occurring reservoirs and delivered through high-pressure transmission pipelines. Natural gas provides almost one-third of the State's total energy requirements. Natural gas is measured in terms of cubic feet (cf).

The Southern California Gas Company (SoCalGas), a subsidiary of Sempra Energy (the nation's largest natural gas supplier), provides natural gas to the City through existing gas mains located under the streets. Natural gas service is provided in accordance with the SoCalGas' policies and extension rules on file with the CPUC at the time contractual agreements are made. The availability of natural gas is based upon present conditions of gas supply and regulatory policies. As a public utility, SoCalGas is under the jurisdiction of the CPUC but can also be affected by actions of federal regulatory agencies. Should these agencies take any action that affects gas supply or the conditions under which service is available, gas service would be provided in accordance with those revised conditions.

SoCalGas, along with five other California utility providers released the 2020 California Gas Report, presenting a forecast of natural gas supplies and requirements for California through the year 2035. This report predicts gas demand for all sectors (residential, commercial, industrial, energy generation and wholesale exports) and presents best estimates, as well as scenarios for

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[35] *Los Angeles Department of Water and Power, 2017 Final Power Strategic Long-Term Resources Plan (SLTRP), December 2017, at p. 17.*

[36] *Los Angeles Department of Water and Power, 2017 Final Power Strategic Long-Term Resources Plan (SLTRP), Power Facts & Figures, pg. ES-1, December 2017.*

[37] *California Energy Commission, Utility Annual Content Labels for Los Angeles Department of Water and Power, 2018.*

[38] *Los Angeles Department of Water and Power, 2017 Final Power Strategic Long-Term Resources Plan (SLTRP), Appendix A, Load Forecasting, pg. A-6, December 2017.*

hot and cold years. Overall, SoCalGas predicts a decrease in natural gas demand in future years due to a decrease in per capita usage, energy efficiency policies, and the State's transition to renewable energy displacing fossil fuels including natural gas.[39]

In 2019, gas supplies available to SoCalGas from California sources averaged 97 million cubic feet per day (cf/day).[40] Based on the 2020 California Gas Report, SoCalGas projects total natural gas demand to decrease at an annual rate of 1 percent per year from 2020 to 2035. This decrease is due to modest economic growth, CPUC-mandated energy efficiency standards and programs, tighter standards created by revised Title 24 codes and standards, renewable electricity goals, the decline in commercial and industrial demand, and conservation savings linked to Advanced Metering Infrastructure (AMI).[41] Thus, with the natural gas consumption becoming more efficient and decreasing, the SoCalGas' projection for natural gas also decreases. Under an average-temperature condition and a normal hydro year, gas demand for the State is projected to average 5,205 million cubic feet of gas per day (MMcf/d) in 2020. Based on the 2020 California Gas Report (Table 34), the CEC estimates natural gas consumption within the SoCalGas' planning area will be approximately 2,317 million cf/day in 2026 (the Proposed Project's buildout year) with a total capacity of approximately 3,435 million cf/day, allowing for a remaining capacity of approximately 1,118 million cf/day.

As noted above, the Project Site is developed with approximately 26,710 square feet of retail commercial land uses. It is estimated that existing uses on the Project Site currently consumes approximately 77,459 cf per month or approximately 2,582 cf per day.

Transportation Energy

Different types of energy sources, or fuels, are used for transportation in the U.S., which include petroleum products (e.g., gasoline, diesel, jet fuel, residual fuel oil, and propane), biofuels (e.g., ethanol and biodiesel), natural gas, and electricity. Petroleum-based fuels account for about 90 percent of California's transportation energy sources. Gasoline remains the dominant fuel within the transportation sector, with diesel fuel and aviation fuels following. The transportation sector generates the most GHG emissions and uses the most energy in California. In recognition of these challenges, California has been enacting policies and goals to shift the transportation sectors toward cleaner, sustainable fuels and more efficient technology vehicles.

Though California's population and economy are expected to grow, gasoline demand is projected to decline from roughly 15.6 billion gallons in 2017 to between 12.1 billion and 12.6 billion gallons in 2030, a 19-percent to 22-percent reduction. This decline comes in response to both increasing vehicle electrification and higher fuel economy for new gasoline vehicles. The

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[39] *California Gas and Electric Utilities, 2020 California Gas Report, accessed June 2021.*

[40] *Ibid.*

[41] *AMI is linked to the Advanced Meter Project. The Advanced Meter Project upgrades existing natural gas meters with a wireless communication device, which will automatically read and transmit hourly gas usage information through a two-way communication network to customer and billing center. The Advanced Meter Project provides customers with more frequent and detailed natural gas use information to help identify ways to better control costs and manage usage.*

CEC projects that the amount of alternative fuel (e.g., electricity, natural gas, hydrogen, ethanol) consumed within the transportation sector will increase in the future.[42]

Currently, the Project Site is developed with approximately 26,710 square feet of retail commercial land uses. It is estimated that the trips associated with the operation of the existing commercial uses on-site consume a total of approximately 149,856 gallons of gasoline per year.[43]

PROJECT-SPECIFIC IMPACTS

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact. The following provides a discussion of six criteria contained in Appendix F of the CEQA Statute and guidelines to help determine whether the Proposed Project would result in a significant impact due to wasteful, inefficient, or unnecessary consumption of energy resources.

Criteria 1) *The project's energy requirements and its energy use efficiencies by amount and fuel type for each stage of the project's life cycle including construction, operation, maintenance and/or removal. If appropriate, the energy intensiveness of materials may be discussed.*

Construction Impacts

Energy would be consumed during the construction phases of the Proposed Project for grading and materials transfer by heavy-duty equipment, which is usually diesel powered. Construction of the Proposed Project would require the export of soil, asphalt, and building debris from the Project Site during the demolition/site clearing phase. The demolition phase of the Proposed Project would generate additional haul trips and diesel fuel would be consumed by heavy equipment during the demolition, site clearing, and construction process. Construction worker travel to and from the Project Site would result in the additional consumption of vehicular unleaded gasoline fuel during the construction period. In addition to diesel fuel and vehicular fuel, an unquantifiable amount of electricity and natural gas would be consumed as a result of the temporary construction process. Construction equipment and activities do not generally involve the use of natural gas.

About 19.6 pounds of CO_2 are produced from burning a gallon of gasoline that does not contain fuel ethanol. Most of the retail gasoline now sold in the United States (more than 95 percent) contains about 10 percent fuel ethanol by volume. A motor gasoline blend of 10 percent fuel ethanol and 90 percent gasoline (by volume) is known as E10 gasoline. Based on carbon

[42] *CEC, Revised Transportation Energy Demand Forecast, 2018-2030, February 2018.*

[43] *Refer to Fuel Consumption Calculations included as Appendix D in this SCEA.*

dioxide emission factors for transportation fuels published by the U.S. Energy Information Administration (EIA), the amount of diesel and petroleum-based gasoline (E10) consumed can be estimated based on CO_2 emissions. Burning one gallon of diesel fuel generates approximately 22.4 pounds of CO_2, and burning one gallon of petroleum-based gasoline with 10 percent ethanol content (E10) produces approximately 18.9 pounds of CO_2 emissions.[44,45] Based on the U.S. EIA fuel consumption factors identified above, and the Proposed Project's estimated "Total CO_2" emissions presented in Appendix A of this SCEA, Air Quality Modeling Worksheets, it is estimated that the construction of the Proposed Project would consume a total of approximately 229,158 gallons of fuel, including approximately 119,181 gallons of diesel fuel and 109,976 gallons of gasoline.[46]

Due to the relatively short duration of the construction process, and the fact that the extent of fuel consumption is inherent to construction projects of this size and nature, fuel consumption impacts would not be considered excessive or substantial with respect to regional fuel supplies. The energy demands during construction would be typical of construction projects for projects of this size and would not necessitate additional energy facilities or distribution infrastructure. **Accordingly, energy demands during construction would not cause wasteful, inefficient, and unnecessary use of energy, and impacts would be less than significant.**

Operational Impacts

Electricity

As shown in Table 6.6, below, the estimated net increase in electricity consumption by the Proposed Project would be approximately 1,849,874 kWh per year. As discussed above, the Proposed Project would be required to comply with energy conservation standards pursuant to Title 24 of the California Administrative Code. The Proposed Project would also be required to comply with the *L.A. Green Building Code*. The *L.A. Green Building Code*, effective January 1, 2017, requires the use of numerous conservation measures, beyond those required by Title 24 of the California Administrative Code. The *L.A. Green Building Code* contains both mandatory and voluntary green building measures to conserve energy. Among many requirements, the *L.A. Green Building Code* requires projects to achieve a 20 percent reduction in wastewater generation. Therefore, compliance with Title 24 of the California Administrative Code and the *L.A. Green Building Code* would reduce the Proposed Project's energy consumption. Additionally, as discussed above, electric service is available and would be provided to the Project Site. The availability of electricity is dependent upon adequate generating capacity and adequate fuel supplies. The estimated power requirements for the Proposed Project is part of the total load growth forecast for the City of Los Angeles and has been taken into account in the panned growth of the City's power system.

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[44] *U.S. Energy Information Administration, website: http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11, accessed December 2018.*

[45] *U.S. Energy Information Administration, website: http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11, accessed December 2018.*

[46] *Refer to Fuel Consumption Calculations included as Appendix D in this SCEA.*

Table 6.6
Estimated Electricity Consumption by the Proposed Project

Land Use	Size	Generation Rate [a]	Unit	Total (kilowatt hours/year)
Existing Uses (to be removed)				
Retail	26,710 sf [b]	13.55	kWh/sf/year	361,921
			Total Existing Electricity Consumption:	**361,921**
Proposed Project				
Residential Uses	363 du	5,626.5	kWh/unit/year	2,042,420
Commercial	12,500 sf	13.55	kWh/sf/year	169,375
			Proposed Project Total Electricity Consumption:	**2,211,795**
			Less Existing Electricity Consumption:	***-361,921***
			Net Electricity Consumption:	**1,849,874**

Notes:
du: dwelling unit; sf: square feet; kWh = kilowatt-hour
[a] *SCAQMD CEQA Air Quality Handbook, 1993.*
[b] *The Project Site is developed with 28,110 square feet of retail space. However, at the time of analysis only 26,710 square feet of retail space was occupied, and the remainder of the Project Site was vacant. Thus, for purposes of estimating the baseline energy use, the existing electricity use was based on the occupied floor area to provide a more conservative estimate of the Project's net electricity demand.*
Source: Parker Environmental Consultants, 2019.

The Proposed Project would include energy conservation features. Specifically, the residential units would include energy efficient lighting fixtures, ENERGY STAR-rated appliances for residential dwelling units, low-flow water features, and energy efficient mechanical heating and ventilation systems (see Regulatory Compliance Measures RCM-GHG-1 through RCM-GHG-5 in Section 6.VIII, Greenhouse Gas Emissions of this SCEA). Thus, the Proposed Project's 363 residential units would incorporate energy conservation features.

Natural Gas

A mentioned previously, based on the 2020 California Gas Report (Table 34), the CEC estimates natural gas consumption within the SoCalGas' planning area will be approximately 2,317 million cf/day in 2026 (the Proposed Project's buildout year) with a total capacity of approximately 3,435 million cf/day, allowing for a remaining capacity of approximately 1,118 million cf/day. As shown in Table 6.7, below, the natural gas consumption as a result of the operation of the Proposed Project, approximately 1,414,966 cubic feet per month, would represent a very small fraction of one percent of the SoCalGas' existing natural gas storage capacity and therefore, would be within the SoCalGas' existing natural gas storage capacity of approximately 1,118 million cubic feet as of 2020.

As discussed above, the Proposed Project would be required to comply with energy conservation standards pursuant to Title 24 of the California Administrative Code. The Proposed Project would also be required to comply with the *L.A. Green Building Code*. The *L.A. Green Building Code*, effective January 1, 2020, requires the use of numerous conservation measures, beyond those required by Title 24 of the California Administrative Code. The *L.A. Green*

Building Code contains both mandatory and voluntary green building measures to conserve energy. Therefore, compliance with Title 24 of the California Administrative Code and the *L.A. Green Building Code* would reduce the Proposed Project's demand on natural gas consumption.

Table 6.7
Estimated Natural Gas Consumption by the Proposed Project

Land Use	Size	Generation Rate[a]	Unit	Total (cubic feet/month)
Existing Conditions (to be removed)				
Retail	26,710 sf [b]	2.9	cf/sf/month	77,459
			Total Existing Natural Gas Consumption:	**77,459**
Proposed Project				
Residential Uses	363 du	4,011.5	cf/unit/month	1,456,175
Commercial	12,500 sf	2.9	cf/sf/month	36,250
			Proposed Project Total Natural Gas Consumption:	**1,492,425**
			Less Existing Natural Gas Consumption	***-77,459***
			Total Net Increase in Natural Gas Consumption	**1,414,966**

Notes:
du: dwelling unit; sf: square feet
[a] *SCAQMD CEQA Air Quality Handbook, 1993.*
[b] *The Project Site is developed with 28,110 square feet of retail space. However, at the time of analysis only 26,710 square feet of retail space was occupied, and the remainder of the Project Site was vacant. Thus, for purposes of estimating the baseline energy use, the existing natural gas consumption was based on the occupied floor area to provide a more conservative estimate of the Project's net natural gas demand.*
Source: Parker Environmental Consultants, 2019.

Fossil Fuels

Approximately 147,477 gallons of gasoline fuel would be utilized by mobile sources annually during operation of the Proposed Project.[47] However, the Proposed Project would include several conservation measures to decrease reliance on fossil fuels, including coal, natural gas, and oil. The Project Site is located in the Central City area, which is highly connected to the regional transit network in the Los Angeles area, especially the Downtown Los Angeles area. Public transportation within the Project Site consists primarily of multiple-stop, local-serving bus lines that provide access to shopping, business, and entertainment destinations in the Project vicinity, although some regional/commuter public transit opportunities, including nearby railways, are also present. The bus service in the Project vicinity is operated primarily by the Los Angeles County Metropolitan Transportation Authority (Metro), LADOT DASH and Commuter Express, Santa Monica Big Blue Bus (BBB), and the City of Gardena (GTrans). Specifically, a total of 13 bus lines serve the Project Site, including Metro Local lines 18, 53, 60, 62, 66, 106, The bus lines within a "reasonable walking distance" (approximately one-quarter mile) of the Project include (2/302, 4, 10, 14, 37, 30/330, 33, 35, 38, 40, 45, 48, 55/355, 66, 70, 71, 76, 78,

[47] *Refer to Fuel Consumption Calculations included as Appendix D in this SCEA.*

79/378, 83, 90/91, 92, 94, 96, 733, 745, 770, and 794). The LADOT DASH line (DASH Downtown E) runs along Los Angeles Street, with the nearest bus stop located at E. 11th Street. Additionally, while some bus lines and/or other transit services in the general Project vicinity are considered to be too distant from the Project Site (generally, more than one-quarter mile) to be used directly, these services can be accessed via connections to or transfers from the site-serving lines to provide access for Project residents, visitors, employees, and patrons between the Project Site and the larger regional area. Due to its proximity to the bus lines aforementioned, the Project Site is easily accessible and highly connected with the City and the greater Los Angeles area.

Additionally, as an infill development, Proposed Project would incorporate a mix of residential and commercial uses that may include retail, restaurant, and other neighborhood serving commercial. Because of the Project Site's location near transit service, a number of trips would be expected to be transit or walk trips rather than vehicle trips. Some residents and/or visitors would take transit to their destinations, or would walk to destinations nearby. Because the commercial component of the Proposed Project would be primarily serving to the proposed development and surrounding project area, some of the trips might be expected to be walk-ins either from the Proposed Project or the surrounding area. The reduction in vehicle trips, due to the Proposed Project's mixed-use programming and the Project Site's location in a transit-oriented district, would therefore decrease the Proposed Project's reliance on fossil fuels. Additionally, as discussed in Section XVII, Transportation, the Proposed Project is expected to have a less-than-significant VMT impact based on the residential component. Since the Proposed Project's retail component would not exceed 50,000 square feet, the retail component was determined not to have a significant VMT impact and the work VMT per employee was not calculated for the Proposed Project as per LADOT's Traffic Assessment Guidelines. Therefore, the Proposed Project is not anticipated to result in a significant increase in VMT. As such, the energy requirements and energy use of the Proposed Project as related to petroleum-based fuels during operation would not cause wasteful, inefficient, and unnecessary use of energy, and impacts would be less than significant. **Accordingly, energy demands during operation would be less than significant.**

Criteria 2) The effects of the Project on local and regional energy supplies and on requirements for additional capacity.

Electricity

Construction of the Proposed Project would generate a demand for the treatment and conveyance of water for dust suppression activities during the excavation and grading phase. The electricity demands during construction would be typical of construction projects of this size and would not necessitate additional energy facilities or distribution infrastructure. Furthermore, the electricity demand during construction would be offset with the removal of the existing on-site uses which currently generate a demand for electricity.

With respect to operational electricity demand, correspondence with LADWP (See Appendix H) states that electric service is available to serve the Proposed Project and would be provided in accordance with LADWP's Rules Governing Water and Electric Service. The availability of

electricity is dependent upon adequate generating capacity and adequate fuel supplies. The estimated power requirement for the Proposed Project would be part of the total load growth forecast for the City of Los Angeles and has been taken into account in the planned growth of the City's power system. The LADWP's load growth forecast incorporates construction activity and is built into the commercial floor space model. In planning sufficient future resources, the LADWP's Power Strategic Long-Term Resource Plan incorporates the estimated power requirement for the Proposed Project through the load forecast input and has planned sufficient resources to supply the electricity needs.[48] Based on LADWP's 2017 SLTRP, LADWP forecasts that its total energy sales in the 2026-2027 fiscal year (the Proposed Project's buildout year) would be 23,807 GWh of electricity. As such, the Proposed Project's estimated annual usage of 1,849,874 kWh/year would represent 0.008 percent of LADWP's projected sales for 2026. Furthermore, LADWP confirmed the Proposed Project's electricity demand can be served by the existing facilities in the Project Site area by specifically indicating "[t]he estimated power requirement for this proposed project is part of the total load growth forecast for the City and has been taken into account in the planned growth of the power system."[49]

Therefore, the Proposed Project would not result in an increase in demand for electricity that exceeds available supply, and construction and operations of the Proposed Project would thus not affect local or regional electricity supplies or requirements for additional capacity and impacts would be less than significant.

Natural Gas

Construction activities, including the construction of new buildings and facilities, typically do not involve the consumption of natural gas. Accordingly, natural gas would not be supplied to support Project construction activities; thus there would be no demand generated by construction, resulting in a net decrease when compared to existing operations.

With respect to operations, SoCalGas manages the pipelines adjacent to the Project Site. If problems/deficiencies were to exist, appropriate actions (e.g., pressure betterments, natural gas supplies) would need to be initiated to solve problems. It is anticipated that the SoCalGas would be able to meet the natural gas demands of the Proposed Project. However, consistent with standard practice, a detailed natural gas survey of equipment would be completed prior to construction to ensure that the current infrastructure can adequately sustain the demand for the Proposed Project. Since the Proposed Project is located in an area already served by existing natural gas infrastructure, the Proposed Project would not require extensive infrastructure improvements to serve the Project Site. It is not anticipated that any new natural gas distribution pipelines or infrastructure facilities would be constructed or expanded as a result of the Proposed Project. The Proposed Project would, however, require local infrastructure improvements to connect to the existing infrastructure serving the Project area. "Hooking-up"

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[48] *LADWP, 2017 Power Strategic Long-Term Resource Plan, Page ES-25 – ES-26, December 31, 2017.*

[49] *Los Angeles Department of Water and Power, Will Serve letter from Charles Holloway, dated June 6, 2019. See Appendix H.*

disruptions along sidewalks or streets cannot be determined until the actual natural gas demand is known. However, impacts associated with utility upgrades or additional connections would be temporary in nature.

As estimated above, the Proposed Project's net natural gas demands are estimated to be approximately 1,414,966 cubic feet per month or 47,166 cf per day. As mentioned previously, the CEC estimates natural gas consumption within the SoCalGas' planning area will be approximately 2,317 million cf/day in 2026 (the Proposed Project's buildout year) with a total capacity of approximately 3,435 million cf/day, allowing for a remaining capacity of approximately 1,118 million cf/day. The Proposed Project's increased demand for natural gas would represent 0.004 percent of SoCalGas' forecasted natural gas consumption for 2026, and would also be well within the SoCalGas' estimated natural gas storage capacity of 1,118 million cubic feet as in 2026. Therefore, the Proposed Project would not adversely affect local and regional natural gas supplies or generate a demand for additional capacity during construction or operation. Impacts would be less than significant.

Transportation Energy

In 2020, approximately 485,454 thousand barrels of crude oil (approximately 20.4 billion gallons) were supplied to California refineries.[50] Based on the CEC's Retail Fuel Outlet Annual Reporting Results, approximately 3.56 billion gallons of gasoline fuel and 0.28 billion gallons of diesel fuel was sold in Los Angeles County in 2019.[51]

In order to quantify the amount of diesel and gasoline fuel utilized for the Proposed Project's construction, the total CO_2 emissions from each of the construction phases and activities calculated in the CalEEMod worksheets for the Proposed Project were utilized to estimate the gallons of diesel and gasoline consumed (Appendix D, Energy Conservation Worksheets). The Proposed Project would consume approximately 229,158 gallons of transportation fuel, including 119,181 gallons of diesel and 109,977 gallons of gasoline during construction. Due to the relatively short duration of the construction process, and the fact that the extent of fuel consumption is inherent to construction projects of this size and nature, the effects of the Proposed Project on local and regional energy supplies and on requirements for additional capacity would not be significant.

Assuming the same supply of crude oil is provided to California and Los Angeles County in 2026 (buildout year of Proposed Project), the Proposed Project's estimated net increase in operational demand for 147,477 of gasoline per year estimated, would represent approximately 0.004 percent of estimated 3.56 billion gallons of gasoline fuel sales for the Los Angeles County. This estimate is conservative since it is assumed that California's reliance on oil would

[50] *California Energy Commission, Oil Supply Sources to California Refineries, website: http://www.energy.ca.gov/almanac/petroleum_data/statistics/crude_oil_receipts.html, accessed June 2021.*

[51] *California Energy Commission, California Retail Fuel Outlet Annual Reporting Results, website: https://www.energy.ca.gov/media/3874, accessed June 2021.*

be reduced since vehicles are transitioning to alternative fuels, such as electric-fueled vehicles. As such, the gasoline consumption associated with the Proposed Project's vehicle trips during both construction and operation would be a negligible amount of oil compared to the total amount of oil supplied to California and sold in the Los Angeles County, and impacts on regional and local supplies would be less than significant.

Criteria 3) The effects of the Project on peak and base period demands for electricity and other forms of energy.

As discussed above, the electricity demand, natural gas consumption, and transportation energy consumption would be well within the available regional supplies and overall capacity of LADWP, SoCalGas, and California refineries, respectively. The Proposed Project's energy demand and consumption are negligible compared to available supplies during both construction and operation.

With regard to peak electricity load conditions, the 2017 Power SLTRP stated the LADWP power system experienced an all-time high peak of 6,432 MW on August 31, 2017.[52] LADWP also estimates a peak load based on two years of data known as base case peak demand to account for typical peak conditions. Based on LADWP estimates for 2026-2027 (closest forecasted year to first project operational year), the base case peak demand for the power grid is 6,129 MW. Under peak conditions, the Proposed Project would consume approximately 2,211,795 kWh on an annual basis which, assuming 12 hours of active electricity demand per day, would be equivalent to approximately 505 kW (peak demand assuming 4,380 hours per year of active electricity demand). In comparison to the LADWP power grid base peak load of 6,129 MW for 2026-2027, based on the assumption above, the Proposed Project would represent approximately 0.008 percent of the LADWP base peak load conditions. Therefore, Proposed Project electricity consumption during operational activities would have a negligible effect on peak load conditions of the power grid.

With regard to peak day natural gas demand, the 2020 California Gas Report estimates for 2026 (Proposed Project first operational year), the extreme peak demand for the SoCalGas service area is 2,782 million cf/day. Under average conditions, the Proposed Project would consume approximately 1,492,425 cf/month. As a conservative estimate for estimating peak demand, it is assumed the yearly natural gas usage only occurs during three months (90 days) of the year, during the winter months. This results in a monthly peak natural gas usage of 5,969,700 cf per month or approximately 66,330 cf per day (conservatively assuming natural gas usage would only occur during the winter months). In comparison to the CEC extreme peak day demand of 2,782 million cf for 2026, based on the assumption above, the Proposed Project would represent 0.002 percent of SoCalGas' forecasted extreme peak day demand. Therefore, Proposed Project natural gas demand during operational activities would have a negligible effect on peak demands of the natural gas supplies.

[52] *LADWP, 2017 Retail Electric Sales and Demand Forecast, September 15, 2017.*

The electricity, and natural gas energy supplies would be sufficient to serve the Proposed Project's peak energy demand. Thus, the Proposed Project's electricity and natural gas demand during operational activities would have a negligible effect on demand during peak and base load periods of the power grid and on the natural gas supplies, and impacts would be less than significant.

Criteria 4) The degree to which the Project complies with existing energy standards.

Construction

During construction, trucks and equipment operated on-site would comply with SCAQMD's anti-idling regulations and CARB's In-Use Off-Road Diesel-Fueled Fleets regulation. Compliance with the anti-idling and diesel-fueled fleet regulations would directly reduce the amount of diesel fuel consumed during the construction phase. Construction equipment would comply with energy efficiency requirements contained in the Federal Energy Independence and Security Act, which mandates standards for electrical motors and equipment. Therefore, the Proposed Project's construction activities would comply with existing energy standards, and impacts would be less than significant.

Operation

The Proposed Project would be required to comply with 2019 Title 24 requirements, 2019 CalGreen requirements, and the L.A. Green Building Code. Therefore, the Proposed Project would comply with energy standards with respect to electricity and natural gas usage. With respect to transportation energy, it should be noted that the fuel use for vehicle transportation is conservatively based on an estimate of the Project's total annual VMTs and current fuel use estimated in mpg for gasoline and diesel. Future fuel use in the region would actually be lower as a result of CAFE standards and CARB's Advanced Clean Cars Program, which would further increase fuel economy and reduce demands for transportation fuel. Therefore, the Proposed Project would comply with all existing construction and operational energy standards that are applicable to the Proposed Project, and impacts would be less than significant.

Criteria 5) The effects of the Project on energy resources.

Electricity Resources

As previously described, LADWP's electricity generation is supplied from a variety of non-renewable and renewable sources, such as coal, natural gas, solar, geothermal, wind, and hydropower. Construction of the Proposed Project would generate a temporary demand for electricity use related to the treatment and conveyance of water for dust suppression activities during the excavation and grading phase. However, it is anticipated that electricity demands during construction would be well below the existing electricity demands of the current uses on the Project Site, and construction activities would not necessitate additional energy facilities or distribution infrastructure.

Based on LADWP's 2017 SLTRP, LADWP forecasts that its total energy sales in the 2026-2027 fiscal year (the Proposed Project's buildout year) would be 23,807 GWh of electricity. As such, the Proposed Project's estimated operational annual net increase in electricity demand (approximately 2,211,795 kWh/year) would represent approximately 0.009 percent of LADWP's projected sales for 2026-2027. In accordance with SB 350, LADWP is required to procure eligible renewable energy resources of 50 percent by 2030. LADWP has increased its renewable energy percentage from 3 percent in 2003 to 32 percent in 2018. LADWP's future strategy is pursuing higher renewables, energy efficiency, and future electrification of existing fossil fuel processes. It is expected that solar and wind will provide most of the new renewable electric generation in the years ahead. The Proposed Project would adhere to the required building code standards, such as 2019 Title 24 standards and 2020 L.A. Green Building Code, to ensure energy efficiency within the proposed structures. Compliance with energy standards are expected to result in more efficient use of electricity in future years. The LADWP's 2017 Power SLTRP identifies adequate resources (renewables, natural gas, coal) that are consistent with the RPS mandates to support future generation capacity. As such, the Proposed Project would not impact electricity resources during either construction or operation, and impacts would be less than significant. Due to the Project Site's location, other types of on-site renewable energy sources would not be feasible on-site as there are no local sources of energy from the following sources: biodiesel, biomass, hydroelectric and small hydroelectric, digester gas, fuel cells, landfill gas, methane, municipal solid waste, ocean thermal, ocean wave, and tidal current technologies, or multi-fuel facilities using renewable fuels. Therefore, the Proposed Project would not affect electrical resources during operation or construction, and impacts would be less than significant.

Natural Gas Resources

Sources of Southern California's natural gas are primarily obtained from western United States and Canada with a small portion from in-state. As stated in the 2020 California Gas Report, the CEC estimates average natural gas consumption within the SoCalGas' planning area will be approximately 2,317 million cf/day in 2026 (the Proposed Project's buildout year). Construction activities for the Proposed Project, including the construction of new buildings and facilities, would not involve the consumption of natural gas. The Proposed Project's natural gas demands during Project operation are estimated to be approximately 1,492,425 cf/month or approximately 47,758 cf/day. The net increase in natural gas demand generated by the Proposed Project would represent 0.0002 percent of the SoCalGas' estimated daily consumption of 2,317 million cf/day and, therefore, would be well within SoCalGas' forecasted natural gas supply for the year 2026. Compliance with energy standards are expected to result in more efficient use of natural gas in future years. Therefore, the Proposed Project would not affect natural gas resources during operation or construction, and impacts would be less than significant.

Transportation Energy Resources

As mentioned previously, approximately 485,454 thousand barrels of crude oil (approximately 20.4 billion gallons) were supplied to California refineries in 2020.[53] At a local level, approximately 3.56 billion gallons of gasoline fuel and 0.28 billion gallons of diesel fuel was sold in the Los Angeles County in 2019. [54] Due to the relatively short duration of the construction process, and the fact that the extent of fuel consumption is inherent to construction projects of this size and nature, fuel consumption impacts would not be considered excessive or substantial with respect to regional fuel supplies. Further, compliance with regulatory compliance measures, such as restricting haul trucks to off-peak hours and not allowing engines to idle excessively when not in use (AQMD Rule 403), and meeting specified fuel and fuel additive requirements and emission standards (C.C.R. Title 13, Sec. 2485), would further serve to increase energy efficiency and reduce consumption of fossil fuels.

Assuming the same supply of crude oil is provided to California, the Proposed Project's net increase in estimated annual consumption of approximately 147,477 of gasoline per year estimated, would represent approximately 0.004 percent of estimated 3.56 billion gallons of gasoline fuel sales for the Los Angeles County region. This estimate is conservative since it is based on current fuel efficiency standards for diesel and gasoline engines. California's future reliance on transportation fuel would be further reduced in future years since vehicles are transitioning to alternative fuels, such as electric-fueled vehicles under CAFE standards and CARB's Advanced Clean Cars Program. As such, the Proposed Project's transportation energy consumption during construction and operation would not substantially affect California's petroleum based transportation fuel supplies or Los Angeles County's fuel sales, and impacts would be less than significant.

Criteria 6) The Project's projected transportation energy use requirements and its overall use of efficient transportation alternatives.

As discussed in the Section XVII. Transportation, of this SCEA, the Proposed Project would promote trip reductions and alternative modes of transportation. The Project Site is located within a HQTA, as defined by the SCAG. The Proposed Project's mix of residential and commercial/retail uses, close proximity to numerous transit options, and location near a broad mix of existing land uses would result in a net reduction in daily trips and VMT. The Proposed Project would provide 195 bicycle parking spaces to encourage residents, patrons, and employees to utilize alternate modes of transportation, such as walking, biking, and public transportation. As such, the Proposed Project would promote alternate modes of transportation and reduce its reliance on transportation energy and impacts would be less than significant.

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[53] *California Energy Commission, Oil Supply Sources to California Refineries, website: http://www.energy.ca.gov/almanac/petroleum_data/statistics/crude_oil_receipts.html, accessed June 2021.*

[54] *California Energy Commission, California Retail Fuel Outlet Annual Reporting Results, website: https://www.energy.ca.gov/media/3874, accessed June 2021.*

As demonstrated in the analysis of the six criteria discussed above, the Proposed Project would not result in wasteful, inefficient, or unnecessary consumption of energy during construction or operation. The Proposed Project's demands on electricity, natural gas, and transportation energy would not significantly affect local and regional supplies or capacity. The Proposed Project's energy usage during base and peak periods would be consistent with electricity and natural gas future projections for the region. Electricity generation capacity and supplies of natural gas and transportation fuels would be sufficient to meet the needs of Project-related construction and operational activities. Additionally, the Proposed Project would comply with all energy conservation standards applicable to the Proposed Project. In summary, the Proposed Project's energy demands would not significantly affect available energy supplies and would comply with existing energy efficiency standards. Therefore, the Proposed Project would not cause wasteful, inefficient, and unnecessary consumption of energy during the construction and operation, and impacts with respect to energy consumption would be less than significant.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less Than Significant Impact. Appendix F: Energy Conservation of the State CEQA Guidelines states the goal of conserving energy implies the wise and efficient use of energy. The State CEQA Guidelines outlines three means to achieve this goal: (1) Decreasing overall per capita energy consumption, (2) Decreasing reliance on fossil fuels such as coal, natural gas and oil, and (3) Increasing reliance on renewable energy sources. The determination of whether a project results in a significant impact on energy conservation shall be made considering the following factors: a) the extent to which the project would require new (off-site) energy supply facilities and distribution infrastructure, or capacity enhancing alterations to existing facilities; b) whether and when the needed infrastructure was anticipated by adopted plans; and c) the degree to which the project design and/or operations incorporate energy conservation measures, particularly those that go beyond City requirements.

The Proposed Project would develop one mixed-use building on an infill site, which would contribute to the revitalization of the Central City Community Plan area. As a mixed-use project, with residential, and commercial land uses, the Proposed Project is required to comply with the energy conservation standards established in Title 24 of the California Administrative Code. California's Energy Efficiency Standards for Residential and Nonresidential Buildings located at Title 24, Part 6 of the California Code of Regulations and commonly referred to as "Title 24," which was established in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies and methods.

California's Building Energy Efficiency Standards are updated on an approximately three-year cycle. The 2019 Standards will continue to improve upon the 2013 Standards for new construction of, and additions and alterations to, residential and nonresidential buildings. The

effective date of the 2019 Standards is January 1, 2020.[55] The Energy Efficiency Standards are a specific response to the mandates of AB 32 and to pursue California energy policy that energy efficiency is the resource of first choice for meeting California's energy needs. The Proposed Project includes energy efficiency components to conserve energy, which are detailed below.

Renewable Energy

The LADWP's 2016 Power Integrated Resource Plan (IRP) serves as a comprehensive 20-year plan to supply reliable electricity to the City of Los Angeles in an environmentally responsible and cost-effective manner. The 2016 IRP considers a 20-year planning horizon to guide LADWP as it executes major new and replacement projects and programs. Starting in 2017, the City's Power Integrated Resource Plan (IRP) was expanded into the Power Strategic Long-Term Resource Plan (SLTRP), which will increase the planning horizon, from 20 years, ending in 2037, through 2050, in order to better align with Statewide greenhouse gas emissions goals and align with Los Angeles' 100% clean energy initiative. The LADWP's 2017 Power Strategic Long-Term Resource Plan (2017 SLTRP) document serves as a comprehensive 20-year roadmap that guides the LADWP Power System in its efforts to supply reliable electricity in an environmental responsible and cost-effective manner. The goal of the 2017 SLTRP is to identify a portfolio of generation resources and Power System assets that meets the City's future energy needs at the lowest cost and risk consistent with LADWP's environmental priorities and reliability standards. The 2017 SLTRP re-examines and expands its analysis on the 2016 IRP resource cases with updates in line with latest regulatory framework, and updates to case scenario assumptions that include a 65 percent Renewable Portfolio Standard (RPS), advanced energy efficiency, and higher levels of local solar, energy storage, and transportation electrification. As the Proposed Project would derive its electricity from the LADWP, the Proposed Project's energy demands would primarily be derived from renewable energy sources.

On a project specific level, the Proposed Project includes the following features which, would further reduce energy demands:

- *Proximity to mass transit:* The Project Site is an infill site within a Transit Priority Area as defined by CEQA. The Project Site is also located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less.

- *In-Fill Smart Growth:* The Proposed Project is located on an existing infill site that is currently developed with four commercial/retail buildings and a surface parking lot, which is located in a highly developed area of the Central City Community. The Project Site is also located in an area that is adequately served by existing infrastructure and would not require the extension of utilities or roads to accommodate the proposed development.

[55] *California Energy Commission, 2016 Building Energy Efficiency Standards, website: http://www.energy.ca.gov/title24/2016standards/, accessed February 2019.*

- *Trip Reduction:* In addition to its location in a Transit Priority Area, the Proposed Project would also provide on-site bicycle parking in bicycle storage spaces pursuant to the City of Los Angeles Bicycle Ordinance (Ord. 182,386). Pursuant to LAMC Section 12.21 A.16, the Proposed Project is required to supply 23 short-term bicycle parking spaces and 172 long-term bicycle parking spaces, for a total of 195 required bicycle parking spaces. The Proposed Project proposes to provide 195 spaces, which is consistent with the requirements in the LAMC.

- *Resource Conservation:* As mandated by the *L.A. Green Building Code*, the Proposed Project would be required to meet Title 24 2016 standards and include ENERGY STAR-rated appliances. The Proposed Project would incorporate energy conservation features in the proposed residential units such as low-flow water fixtures and energy conservation appliances.

Therefore, with incorporation of the features identified above, the Proposed Project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency, and impacts would be less than significant..

Cumulative Impacts

Less Than Significant Impact*.* Development of the Proposed Project in conjunction with the related projects within the City of Los Angeles would further increase demand for electricity, natural, and fossil fuels.

Electricity

The Proposed Project and related projects would further increase demand for electricity service provided by LADWP. As discussed above, the LADWP's 2017 Power Strategic Long-Term Resource Plan (2017 SLTRP) document serves as a comprehensive 20-year plan to supply reliable electricity to the City of Los Angeles in an environmentally responsible and cost effective manner. The 2017 SLTRP considers a 20-year planning horizon to guide LADWP as it executes major new and replacement projects and programs. Based on the projections and strategies within the 2017 SLTRP, energy efficiency and solar savings are expected to increase in the future and significantly reduce electricity demands. Therefore, LADWP anticipates that it can meet the future demands of cumulative growth within its service area with implementation of regulatory and reliability initiatives and strategic initiatives. LADWP will continue to pursue and implement energy efficiency programs per SB 350, which has an adopted goal of achieving 50 percent renewable energy sources by 2030. Furthermore, in accordance with current building codes and construction standards, each of the related projects would be required to comply with the energy conservation standards established in Title 24 of the California Administrative Code and the City of Los Angeles Green Building Code (LAMC Chapter IX, Article 9). Compliance with Title 24 energy conservation standards, City of Los Angeles Green Building Code, and other energy conservation programs on the local level will further reduce cumulative energy demands. ***Cumulative impacts to electricity service would therefore be less than***

significant.

Natural Gas

Development of the Proposed Project in conjunction with the related projects would further increase regional demands for natural gas resources. As mentioned above, the SCG allocated approximately 112.5 billion cubic feet to residential, small industrial and commercial customers. As a public utility provider, the SCG continuously analyzes increases in natural gas demands resulting from projected population and employment growth in its service area and it is anticipated that it would be able to meet the needs of future development within the region. Additionally, compliance with energy conservation standards pursuant to Title 24 of the California Administrative Code would reduce cumulative demands for natural gas resources. Each of the related projects would be reviewed on a case-by-case basis to determine the SCG's ability to serve each related project. As such, it is anticipated the related projects and the Proposed Project would be accommodated by SCG. ***Cumulative impacts upon natural gas resources and infrastructure would therefore be less than significant.***

Fossil Fuels

The Proposed Project and related projects would cumulatively increase the demand for transportation energy. The Department of Transportation's National Highway Traffic Safety Administration (NHTSA) and CARB have implemented several policies, rules, and regulations to improve vehicle efficiency, increase the use of alternative fuels, and decrease the reliance on fossil fuels. It is anticipated that the future Project-related and related projects' vehicle trips are expected to comply with CAFE standards and CARB's Advanced Clean Cars Program, which would ultimately reduce non-renewable transportation fuel consumption. Additionally, a majority of the related projects are located within a Transit Priority Area, which is defined as being within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. Therefore, the related projects' locations would promote other modes of transportation such as walking, biking, and public transit options. ***As such, the Proposed Project and future related projects would be expected to cumulatively reduce consumption in transportation energy, and therefore be less than significant.***

VII. Geology and Soils

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii. Strong seismic ground shaking?	☐	☐	☒	☐
iii. Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv. Landslides?	☐	☐	☐	☒
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c. Be located on a geologic unit that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	☒	☐
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐

The following section summarizes and incorporates by reference information from the following reports:

E.1 City of Los Angeles, Department of Building and Safety, Soils Report Approval Letter, LOG # 111721, Tract 2289, Lots 34-41, 1123-1161 S. Main Street, February 4, 2020 ; and

E.2 Geotechnologies, Inc., Preliminary Geotechnical Engineering Investigation, Proposed Mixed-Use Tower, 1123 through 1161 South Main Street, Los Angeles, California, December 19, 2018.

E.3 Natural History Museum of Los Angeles County, Paleontological Records Search, February 27, 2019.

The above reports are included in Appendix E to this SCEA.

a) Would the Project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less Than Significant Impact. A significant impact may occur if a Project Site is located within a State-designated Alquist-Priolo Zone or other designated fault zone. Based on criteria established by the California Division of Mines and Geology (CDMG), now called California Geologic Survey (CGS), faults may be categorized as Holocene-active, Pre-Holocene, or Age-undetermined. Holocene-active faults are those which show evidence of surface displacement within the last 11,700 years. Pre-Holocene faults are those that show evidence of most recent surface displacement within the last 11,700 years. Age-undetermined faults are faults where the recency of fault movement has not been determined.

Buried thrust faults are faults without a surface expression but are a significant source of seismic activity. They are typically broadly defined based on the analysis of seismic wave recordings of hundreds of small and large earthquakes in the southern California area. Due to the buried nature of these thrust faults, their existence is usually not known until they produce an earthquake. The risk for surface fault rupture potential of these buried thrust faults is inferred to be low. However, the seismic risk of these buried structures in terms of recurrence and maximum potential magnitude is not well established. Therefore, the potential for surface rupture at magnitudes higher than 6.0 cannot be precluded.

In 1972, the Alquist-Priolo Special Studies Zones Act (now known as the Alquist-Priolo Earthquake Fault Zoning Act) was passed into law. The Act defines “Holocene-active” faults utilizing the same aging criteria as that used by CGA. However, established State policy has been to zone only those faults which have direct evidence of movement within the last 11,700

years. It is recency of fault movement that the CGA considers as a characteristic for faults that have a relatively high potential for ground rupture in the future.

Surface rupture is defined as surface displacement which occurs along the surface trace of the causative fault during an earthquake. Based on research of available literature and results of site reconnaissance, no known Holocene-active or Pre-Holocene faults underlie the Project Site. In addition, the Project Site is not located within an Alquist-Priolo Earthquake Fault Zone. Therefore, the potential for surface ground rupture due to faulting occurring beneath the Project Site during the design life of the proposed structure is considered low.

In addition, the 2019 City of Los Angeles Building Code, updated since the 1994 Northridge Earthquake and with which the Proposed Project would be required to comply, contains construction requirements to ensure habitable structures are built to a level such that they can withstand acceptable seismic risk.

According to the Geotechnical Investigation, the Project Site is located approximately 2.43 miles to the southeast of the Santa Monica Fault, which is a known Holocene-active fault. Thus, the Project Site could be subjected to strong ground shaking in the event of an earthquake. However, this hazard is common in Southern California and the effects of ground shaking can be mitigated if the proposed structures are designed and constructed in conformance with current building codes and engineering practices. Based on these considerations, the Project Site is considered suitable for the construction of the Proposed Project provided that the recommendations specified in the Geotechnical Investigation are included in the design and construction of the Proposed Project to the satisfaction of the Department of Building and Safety. The Grading Division of the Department of Building and Safety has reviewed the Preliminary Geotechnical Engineering Report and concluded that the referenced report is acceptable, provided that prior to issuance of any building or grading permits, a comprehensive geotechnical report with supplemental field exploration, laboratory testing, updated engineering analyses and foundation recommendations shall be submitted to the Department for review and approval (see Appendix E.1 to this SCEA). Final sign-off from the Department of Building and Safety would ensure that the Proposed Project meets the applicable performance measures. Accordingly, with the design and construction of the Proposed Project in conformance with the California Building Code seismic standards and approval by the Department of Building and Safety, impacts associated with seismic hazards would be less than significant. ***Therefore, the Proposed Project would not expose people or structures to substantial adverse effects associated with fault rupture, caused in whole or in part by the Proposed Project's exacerbation of the existing environmental conditions. Thus, Proposed Project impacts would be less than significant.***

ii) Strong seismic ground shaking?

Less Than Significant Impact. A significant impact may occur if a project represents an increased risk to public safety or destruction of property by exacerbating existing hazardous environmental conditions by exposing people, property, or infrastructure to seismically induced ground shaking hazards that are greater than the average risk associated with other locations in

Southern California. As discussed above, the Project Site is not located within an Alquist-Priolo Earthquake Fault Zone and was concluded to have a low potential for surface rupture beneath the Project Site. However, the nearest earthquake fault, the Santa Monica Fault, is located approximately 2.43 miles to the northwest. Therefore, the Project Site is located in the seismically active Southern California region and could be subjected to moderate to strong ground shaking in the event of an earthquake on one of the many active Southern California faults. However, this hazard is common in Southern California and the effects of ground shaking can be mitigated if the proposed structures are designed and constructed in conformance with current building codes and engineering practices.

The Geotechnical Investigation concluded that neither soil nor geologic conditions were encountered during the investigation that would preclude the construction of the proposed development provided the recommendations presented in the Geotechnical Investigation are followed and implemented during design and construction. Additionally, the Proposed Project would be required to comply with current engineering standards, the seismic safety requirements set forth in the Earthquake Regulation of the City of Los Angeles Building Code (LABC), the LAMC, and the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter for the Proposed Project (contained in Appendix E.1 to this SCEA), as it may be subsequently amended or modified. Therefore, with compliance with applicable regulations and implementation of the recommendations in the Geotechnical Investigation and the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter would be implemented for the Proposed Project, construction and operation of the Proposed Project would not have the potential to exacerbate current environmental conditions that would create a significant hazard with respect to strong seismic ground shaking. ***As such, the Proposed Project impacts associated with strong seismic ground shaking would be less than significant.***

iii) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. A project would have a significant impact related to geology and soils if it exposes people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction caused in whole or in part by the project's exacerbation of the existing environmental conditions. Liquefaction is a phenomenon in which saturated silty to cohesionless soils below the groundwater table are subject to a temporary loss of strength due to the buildup of excess pore pressure during cyclic loading conditions such as those induced by an earthquake. Liquefaction-related effects include loss of bearing strength, amplified ground oscillations, lateral spreading, and flow failures.

The current standard of practice, as outlined in the "Recommended Procedures for Implementation of DMG Special Publication 117, Guidelines for Analyzing and Mitigating Liquefaction in California" and "Special Publication 117A, Guidelines for Evaluating and Mitigating Seismic Hazards in California" requires liquefaction analysis to a depth of 50 feet below the lowest portion of the proposed structure. Liquefaction typically occurs in areas where the soils below the water table are composed of poorly consolidated, fine to medium-grained,

primarily sandy soil. In addition to the requisite soil conditions, the ground acceleration and duration of the earthquake must also be of a sufficient level to induce liquefaction.

According to the County of Los Angeles Safety Element, the Project Site is not located within an area identified as having a potential for liquefaction. Additionally, based on the Geotechnical Investigation, the Seismic Hazards Maps for the State of California (CDMG, 1999) does not classify the Project Site as part of the potentially "Liquefiable" area. This determination is based on groundwater depth record, soil type and distance to a fault capable of producing a substantial earthquake. Groundwater was not encountered during exploration, conducted to a maximum depth of 60 feet below the existing grade. The historically highest groundwater level for the Project Site is reported to be on the order of 115 feet below grade. Based on the density of the soils underlying the Project Site, and the mapped depth to the historically highest groundwater level, the soils underlying the Project Site are not considered capable of liquefaction during the ground motion expected during the design-based earthquake. Therefore, the potential for liquefaction occurring at the Project Site is considered to be remote. The Proposed Project shall also comply with the conditions contained within the Department of Building and Safety's Geology and Soils Report Approval Letter for the Proposed Project, and as it may be subsequently amended or modified. ***Therefore, compliance with the above regulatory compliance measures, impacts associated with the seismic related hazards including liquefaction would be less than significant.***

iv) Landslides?

No Impact. A project would have a significant impact related to geology and soils if the Proposed Project exposes people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides, caused in whole or in part by the project's exacerbation of the existing environmental conditions. Landslides generally occur in loosely consolidated, wet soil and/or rocks on steep sloping terrain. The Project Site is not located within a City of Los Angeles Hillside Grading Area and not within a Hillside Ordinance Area. Additionally, the Project Site is not within an area identified as having a potential for slope instability according to the City of Los Angeles Safety Element. Furthermore, the Project Site and project area is not within an area identified as having a potential for seismic slope instability as designated by the "State of California Seismic Hazard Zones" map. The Geotechnical Investigation stated the probability of seismically-induced landslides occurring on the Project Site is considered to be low due to the general lack of elevation difference slope geometry across or adjacent to the Project Site. Therefore, no impact would occur. ***The Proposed Project would not have the potential to exacerbate current environmental conditions that would create a significant hazard with respect to landslides, and no impact would occur.***

b) Result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. A project would normally have significant sedimentation or erosion impact if it would: (a) constitute a geologic hazard to other properties by causing or accelerating instability from erosion; or (b) accelerate natural processes of wind and water

erosion and sedimentation, resulting in sediment runoff or deposition which would not be contained or controlled on-site.

Although development of the Proposed Project has the potential to result in the erosion of soils during grading, excavation, and construction activities, erosion would be reduced by implementation of stringent erosion controls imposed by the City of Los Angeles through grading and building permit regulations. Minor amounts of erosion and siltation could occur during grading. All grading activities require grading permits from the Department of Building and Safety, which include requirements and standards designed to limit potential impacts to acceptable levels. The Applicant shall provide a staked signage at the site with a minimum of 3-inch lettering containing contact information for the Senior Street Use Inspector (Department of Public Works), the Senior Grading Inspector (LADBS) and the hauling or general contractor (see RCM-GEO-1, below). In addition, all on-site grading, excavation, and site preparation would comply with applicable provisions of Chapter IX, Division 70 of the LAMC, which addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. The application of Best Management Practices (BMPs) includes but is not limited to the following regulatory compliance measures: (1) Excavation and grading activities shall be scheduled during dry weather periods. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity; and (2) Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer (see RCM-GEO-2, below).

Additionally, prior to issuance of a grading permit, the Applicant shall obtain coverage under the State Water Resources Control Board NPDES Construction General Permit (see RCM HYD-1, abo. The Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of coverage under the Construction General Permit. A Storm Water Pollution Prevention Plan (SWPPP) would be prepared and implemented for the Proposed Project in compliance with the requirements of the Construction General Permit. The SWPPP shall identify construction BMPs to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in stormwater runoff as a result of construction activities. Compliance with regulatory measures would ensure a less-than-significant impact would occur with respect to erosion or loss of topsoil during construction.

Further, the Geotechnical Investigation provided recommendations regarding temporary excavations and temporary shoring during construction of the Proposed Project. All grading activities require grading permits from the Department of Building and Safety, which include requirements and standards designed to limit potential impacts to acceptable levels. ***The standard conditions imposed by the City of Los Angeles Department of Building and Safety, as specified in the Soils Report Approval Letter, will ensure that impacts to soil erosion or the loss of topsoil are reduced to less than significant levels.***

Regulatory Compliance Measures

RCM-GEO-1 Geology (Erosion/Grading/Short-Term Construction Impacts). The Applicant shall provide a staked signage at the site with a minimum of 3-inch lettering containing contact information for the Senior Street Use Inspector (Department of Public Works), the Senior Grading Inspector (LADBS) and the hauling or general contractor.

RCM-GEO-2 Geology (Erosion/Grading/Short-Term Construction Impacts). Chapter IX, Division 70 of the Los Angeles Municipal Code addresses grading, excavations, and fills. All grading activities require grading permits from the Department of Building and Safety. The Applicant shall implement Best Management Practices ("BMPs") during grading and excavation to reduce erosion, including, but not limited to the following:

- Excavation and grading activities shall be scheduled during dry weather periods to the extent practical. If grading occurs during the rainy season (October 15 through April 1), diversion dikes shall be constructed to channel runoff around the site. Channels shall be lined with grass or roughened pavement to reduce runoff velocity.
- Stockpiles, excavated, and exposed soil shall be covered with secured tarps, plastic sheeting, erosion control fabrics, or treated with a bio-degradable soil stabilizer.

See also RCM-HYD-1 (National Pollutant Discharge Elimination System General Permit).

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Less Than Significant Impact. The Proposed Project would have a significant impact related to geology and soils if it is located on a geologic unit that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse caused in whole or in part by the Proposed Project's exacerbation of existing environmental conditions.

For the purpose of this specific issue, a significant impact may occur if the Proposed Project is built in an unstable area without proper site preparation or design features to provide adequate foundations for buildings, thus posing a hazard to life and property. The Geotechnical Investigation concluded that the potential hazards associated with liquefaction are low. Lateral spreading and collapse are types of liquefaction-induced ground failures. Since the potential for liquefaction is low, the potential for lateral spreading or collapse on the Project Site are also low. Additionally, as discussed above, the probability of seismically induced landslides occurring on the Project Site is considered low due to the general lack of elevation difference across or adjacent to the Project Site. Based upon the exploration, laboratory testing, and research, the Geotechnical Investigation concluded that construction of the Proposed Project is considered feasible from a geotechnical engineering standpoint provided the advice and recommendations

presented in the Geotechnical Investigation are followed and implemented during construction. ***With the implementation of the recommendations contained within the Geotechnical Investigation and the Building Code requirements as discussed above in Checklist Question VII (a), the potential for geologic hazards would be reduced to a less than significant level.***

d) Be located on expansive soil, as defined in Table 18 1 B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less Than Significant Impact. A project would normally have a significant geologic hazard impact if it would cause or accelerate geologic hazards which would result in substantial damage to structures or infrastructure, or expose people to substantial risk of injury. For the purpose of this specific issue, a significant impact may occur if a project is built on expansive soils without proper site preparation or design features to provide adequate foundations for buildings, thus posing a hazard to life and property. Expansive soils contain significant amounts of clay particles that swell considerably when wetted and which shrink when dried. Foundations constructed on these soils are subject to uplifting forces caused by the swelling. Without proper mitigation measures, heaving and cracking of both building foundations and slabs-on-grade could result.

As discussed in the Geotechnical Investigation, subsurface exploration involved drilling six boreholes to a maximum depth of approximately 60 feet below the existing grade. An expansion index test was performed for the on-site soils and was found to range between the "low" and "very low" expansion range (between 7 and 35). The Proposed Project would incorporate the recommended reinforcing noting in the "Foundation Design" and "Slabs on Grade" sections of the Geotechnical Investigation. ***With incorporation of the recommendations provided in the Geotechnical Investigation and compliance with the Building Code requirements, impacts related to expansive soil would be less than significant.***

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No Impact. This question would apply to the Proposed Project only if it was located in an area not served by an existing sewer system. The Project Site is located in a developed area of the City of Los Angeles, which is served by a wastewater collection, conveyance and treatment system operated by the City of Los Angeles. No septic tanks or alternative disposal systems neither are necessary, nor are they proposed. ***Thus, no impact would occur as a result of septic tanks or alternative wastewater disposal systems.***

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact. A significant impact may occur if grading or excavation activities associated with the Proposed Project were to disturb paleontological resources or geologic features which presently exist within the Project Site. The Project Site has been

previously developed and graded. The Project Site and immediate surrounding areas do not contain any unique geologic features or known vertebrate paleontological resources.[56] This is further supported by correspondence received from the Natural History Museum of Los Angeles County dated February 27, 2019 (contained in Appendix E.2), which states that no vertebrate fossil localities lie directly within the Project Site boundaries. However, the proposed Project Site area does contain surface composites of younger Quaternary Alluvium. Although these deposits usually do not contain significant fossil vertebrates in the upper layers, the Natural History Museum has concluded that varying depths of excavation may well contain significant vertebrate fossils. The Proposed Project does not propose any subterranean levels, but may disturb a few feet below the ground surface in order to building the proper building foundations. As such, the potential exists for the accidental discovery of any unknown paleontological materials that may lie below the surface. Accordingly, as described in Regulatory Compliance Measure RCM-GEO-3, below, if paleontological resources are discovered during excavation, grading, or construction, the City of Los Angeles Department of Building and Safety shall be notified immediately, and all work shall cease in the area of the find until a qualified paleontologist evaluates the find. Construction activity may continue unimpeded on other portions of the Project Site. The paleontologist shall determine the location, the time frame, and the extent to which any monitoring of earthmoving activities shall be required. The found deposits would be treated in accordance with federal, State, and local guidelines. ***With adherence to regulatory compliance measures, any impacts to paleontological resources would be less than significant.***

Regulatory Compliance Measure

RCM-GEO-3 **Paleontological.** Under California Public Resources Code Sections 5097.5 and 30244, if any paleontological materials are encountered during the course of project development, all further development activities shall halt and:

- The services of a paleontologist shall then be secured by contacting the Center for Public Paleontology - USC, UCLA, California State University Los Angeles, California State University Long Beach, or the Los Angeles County Natural History Museum - who shall assess the discovered material(s) and prepare a survey, study or report evaluating the impact.
- The paleontologist's survey, study or report shall contain a recommendation(s), if necessary, for the preservation, conservation, or relocation of the resource.
- The applicant shall comply with the recommendations of the evaluating paleontologist, as contained in the survey, study or report.
- Project development activities may resume once copies of the paleontological survey, study or report are submitted to the Los Angeles County Natural History Museum.

[56] *City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Vertebrate Paleontological Resources in the City of Los Angeles, September 1996.*

Cumulative Impacts

Less Than Significant Impact. Geotechnical hazards are site-specific and there is little, if any, cumulative geological relationship between the Proposed Project and related projects in the project area. Similar to the Proposed Project, potential impacts related to geology and soils would be assessed on a case-by-case basis and, if necessary, the applicants of the related projects would be required to implement applicable regulatory compliance measures and any required mitigation measures. Furthermore, the analysis of the Proposed Project's geology and soils impacts concluded that, through the implementation of regulatory compliance measures and recommendations in the Geotechnical Investigation, Project impacts would be reduced to less than significant levels. Furthermore, with respect to paleontological resources, the regulatory compliance measure detailed above, would ensure Project impacts to paleontological resources are less than significant level. Because the discovery of paleontological resources would be geographically limited to the immediate area of the find, the potential for cumulative impacts to occur with respect to paleontological resources would be less than significant. ***Therefore, the Proposed Project would not make a cumulatively considerable contribution to any potential cumulative impacts, and cumulative geology, soil, and paleontological resources impacts would be less than significant.***

VIII. Greenhouse Gas Emissions

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

GHG and Global Climate Change Background

Gases that trap heat in the atmosphere are called greenhouse gases (GHG), since they have effects that are analogous to the way in which a greenhouse retains heat. Greenhouse gases are emitted by both natural processes and human activities. The accumulation of greenhouse gases in the atmosphere regulates the earth's temperature. The State of California has undertaken initiatives designed to address the effects of greenhouse gas emissions, and to establish targets and emission reduction strategies for greenhouse gas emissions in California.

The principal GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), and water vapor (H_2O). CO_2 is the reference gas for climate change because it is the predominant greenhouse gas emitted. To account for the varying warming potential of different GHGs, GHG emissions are often quantified and reported as CO_2 equivalents (CO_2e).

California has enacted several pieces of legislation that relate to GHG emissions and climate change, much of which sets aggressive goals for GHG reductions within the state. Per Senate Bill 97, the California Natural Resources Agency adopted amendments to the CEQA Guidelines, which address the specific obligations of public agencies when analyzing GHG emissions under CEQA to determine a project's effects on the environment. However, neither a threshold of significance nor any specific mitigation measures are included or provided in these CEQA Guideline amendments.

Regulatory Environment

Executive Order S-3-05

Executive Order S-3-05, issued in June 2005 by Governor Arnold Schwarzenegger (Governor Schwarzenegger), established GHG emissions targets for the State, as well as a process to

ensure the targets are met. The order directed the California Environmental Protection Agency (CalEPA) to report every two years on the State's progress toward meeting the Governor's GHG emission reduction targets. The Statewide GHG targets established by Executive Order S-3-05 are as follows:

- By 2010, reduce statewide emissions to 2000 emission levels;
- By 2020, reduce statewide emissions to 1990 emission levels;
- By 2050, reduce statewide emissions to 80 percent below 1990 levels.

Executive Order B-30-15

Executive Order B-30-15, issued by Governor Brown in April 2015, established an additional statewide policy goal to reduce GHG emissions to 40 percent below 1990 emission levels by the year 2030.

Executive Order B-55-18

Executive Order B-55-18, issued by Governor Brown in September 2018, establishes a new statewide goal to achieve carbon neutrality as soon as possible, but no later than 2045, and achieve and maintain net negative emissions thereafter. Executive Order B-55-18 directs CARB to would work with relevant state agencies to develop a framework for implementation and accounting that tracks progress toward this goal as well as ensuring future scoping plans identify and recommend measures to achieve the carbon neutrality goal.

Assembly Bill 32 (Statewide GHG Reductions)

The California Global Warming Solutions Act of 2006, widely known as AB 32, requires the California Air Resources Board (CARB) to develop and enforce regulations for the reporting and verification of statewide GHG emissions. CARB is directed to set a statewide GHG emission limit, based on 1990 levels, to be achieved by 2020. The bill set a timeline for adopting a scoping plan for achieving GHG reductions in a technologically and economically feasible manner.

The heart of the bill is the requirement that statewide GHG emissions be reduced to 1990 levels by 2020. As previously determined by CARB, California projected it needed to reduce GHG emissions to a level approximately 28.4% below CARB's 2020 "business-as-usual" GHG emission projections (as set forth in the 2008 Scoping Plan) to achieve this goal.[57] The bill requires CARB to adopt rules and regulations in an open public process to achieve the maximum technologically feasible and cost-effective GHG reductions.

57 *CARB has not calculated the percent reduction required to achieve AB 32's mandate of returning to 1990 levels of GHG emissions by 2020. The value of 28.4% is the required reduction to achieve 1990 emissions in 2020 is an approximate value. Based on the Scoping Plan estimates and conservative rounding, the value could be 28.5%.*

Climate Change Scoping Plan

In December 2008, CARB approved a Climate Change Scoping Plan. The Climate Change Scoping Plan calls for a "coordinated set of solutions" to address all major categories of GHG emissions. The Initial Scoping Plan in 2008 presented the first economy-wide approach to reducing emissions and highlighted the value of combining both carbon pricing with other complementary programs to meet California's 2020 GHG emissions cap while ensuring progress in all sectors. The coordinated set of policies in the Initial Scoping Plan employed strategies tailored to specific needs, including market-based compliance mechanisms, performance standards, technology requirements, and voluntary reductions. The Initial Scoping Plan also described a conceptual design for a cap-and-trade program that included eventual linkage to other cap-and-trade programs to form a larger regional trading program.

AB 32 requires CARB to update the scoping plan at least every five years. The First Update to the Scoping Plan (First Update), approved in May 2014, presented an update on the program and its progress toward meeting the 2020 limit. It also developed the first vision for the long-term progress that the State endeavors to achieve. In doing so, the First Update laid the groundwork to transition to the post-2020 goals set forth in Executive Orders S-3-05 and B-16-2012.[58] It also recommended the need for a 2030 mid-term target to establish a continuum of actions to maintain and continue reductions, rather than only focusing on targets for 2020 or 2050.

In December 2017, CARB adopted "California's 2017 Climate Change Scoping Plan" that establishes a proposed framework of action for California to meet a 40 percent reduction in greenhouse gases by 2030 compared to 1990 levels, and substantially advance toward the 2050 climate goal of 80 percent below 1990 levels. The 2017 Climate Change Scoping Plan is part of the public process to update the AB 32 Scoping Plan to reflect Governor's Executive Order B-30-15 and SB 32, which establish a mid-term GHG emission reduction target for California of 40 percent below 1990 levels by 2030. All State agencies with jurisdiction over sources of GHG emissions were directed to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 targets. CARB and other State agencies are identifying the suite of programs, regulations, incentives, and supporting actions needed to continue driving down emissions and ensure we are on a trajectory to meet our mid- and long-term climate goals.

The 2017 Scoping Plan includes input from a range of State agencies and is the result of a two-year development process including extensive public and stakeholder outreach designed to ensure that California's climate and air quality efforts continue to improve public health and drive development of a more sustainable economy. The 2017 Scoping Plan reflects the direction

[58] *Executive Order S-30-15 established three targets: 1) By 2010, reduce GHG emissions to 2000 levels; 2) By 2020, reduce GHG emissions to 1990 levels; 3) By 2020, reduce GHG emissions to 80 percent below 1990 levels. Executive Order B-16-2012 facilitated the commercialization of zero-emission vehicles and reestablished the 2050 target to reduce GHG emissions to 80 percent below 1990 levels.*

from the legislature on the Cap-and-Trade Program, as described in AB 398, the need to extend the key existing emissions reductions programs, and acknowledges the parallel actions required under AB 617 to strengthen monitoring and reduce air pollution at the community level.

Cap-and-Trade Program

The AB 32 Scoping Plan identifies a cap-and-trade program as one of the strategies California will employ to reduce the greenhouse gas (GHG) emissions that cause climate change. This program will help put California on the path to meet its goal of reducing GHG emissions to 1990 levels by the year 2020, and ultimately achieving an 80% reduction from 1990 levels by 2050. Under cap-and-trade, an overall limit on GHG emissions from capped sectors will be established by the cap-and-trade program and facilities subject to the cap will be able to trade permits (allowances) to emit GHGs.

Cap-and-trade is a market-based regulation that is designed to reduce greenhouse gases (GHGs) from multiple sources. Cap-and-trade sets a firm limit or cap on GHGs and minimizes the compliance costs of achieving AB 32 goals. The cap will decline approximately 3 percent each year beginning in 2013. Trading creates incentives to reduce GHGs below allowable levels through investments in clean technologies. With a carbon market, a price on carbon is established for GHGs. Market forces spur technological innovation and investments in clean energy. The Proposed Project would be exempt from the Cap-and-Trade program, since it only proposes residential and commercial uses and does not propose any industrial or high-emitting land uses. On July 2018, CARB recently announced that greenhouse gas pollution in California fell below 1990 levels, which was the 2020 greenhouse gas emissions goal passed by AB 32.[59]

The Cap-and-Trade Program covers approximately 85 percent of California's GHG emissions.[60] The Cap-and-Trade Program covers the GHG emissions associated with electricity consumed in California, whether generated in-state or imported. Accordingly, GHG emissions associated with CEQA projects' electricity usage are covered by the Cap-and-Trade Program. The Cap-and-Trade Program also covers fuel suppliers (natural gas and propane fuel providers and transportation fuel providers) to address emissions from such fuels and from combustion of other fossil fuels not directly covered at large sources in the Program's first compliance period.[61] Furthermore, the Cap-and-Trade Program covers the GHG emissions associated with the combustion of transportation fuels in California, whether refined in-state or imported. The point of regulation for transportation fuels is when they are "supplied" (i.e., delivered into commerce). Accordingly, as with stationary source GHG emissions and GHG emissions attributable to electricity use, virtually all, if not all, of GHG emissions from CEQA projects associated with VMT indirectly are covered by the Cap-and-Trade Program.

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[59] *California Air Resources Board, "Climate Pollutants Fall Below 1990 Levels for First Time" https://ww2.arb.ca.gov/news/climate-pollutants-fall-below-1990-levels-first-time, accessed April 2019.*

[60] *Center for Climate and Energy Solutions, California Cap-and-Trade, https://www.c2es.org/content/california-cap-and-trade/, accessed February 21, 2019.*

[61] *While the Cap-and-Trade Program technically covered fuel suppliers as early as 2012, they did not have a compliance obligation (i.e., they were not fully regulated) until 2015.*

Assembly Bill 398 (AB 398) was enacted in 2017 to extend and clarify the role of the State's Cap-and-Trade Program through December 31, 2030. As part of AB 398, refinements were made to the Cap-and-Trade program to establish updated protocols and allocation of proceeds to reduce GHG emissions.

California Senate Bills 1078, 107, and 2; Renewables Portfolio Standard

Established in 2002 under California Senate Bill 1078 and accelerated in 2006 under California Senate Bill 107, California's RPS requires retail suppliers of electric services to increase procurement from eligible renewable energy resources by at least 1 percent of their retail sales annually, until they reach 20 percent by 2010.

On April 2, 2011, Governor Jerry Brown signed California Senate Bill 2 to increase California's RPS to 33 percent by 2020. This new standard also requires regulated sellers of electricity to procure 25 percent of their energy supply from certified renewable resources by 2016.

Low Carbon Fuel Standard

California Executive Order S-01-07 (January 18, 2007) requires a 10 percent or greater reduction in the average carbon intensity for transportation fuels in California regulated by CARB. CARB identified the LCFS as a Discrete Early Action item under AB 32, and the final resolution (09-31) was issued on April 23, 2009.

Sustainable Communities and Climate Protection Act (SB 375)

California's Sustainable Communities and Climate Protection Act, also referred to as Senate Bill (SB) 375, became effective January 1, 2009. The goal of SB 375 is to help achieve AB 32's GHG emissions reduction goals by aligning the planning processes for regional transportation, housing, and land use. SB 375 requires CARB to develop regional reduction targets for GHGs and prompts the creation of regional plans to reduce emissions from vehicle use throughout the State. California's 18 Metropolitan Planning Organizations (MPOs) have been tasked with creating Sustainable Community Strategies (SCS) in an effort to reduce the region's VMT in order to help meet AB 32 targets through integrated transportation, land use, housing and environmental planning. Pursuant to SB 375, CARB set per-capita GHG emissions reduction targets from passenger vehicles for each of the State's 18 MPOs. On September 23, 2010, CARB issued a regional eight (8) percent per capita reduction target for the planning year 2020, and a conditional target of 13 percent for 2035.

With respect to motor vehicles, page 48 of the 2008 Scoping Plan states that local governments will play a significant role in the regional planning process to reach passenger vehicle greenhouse gas emissions reduction targets. Local governments have the ability to directly influence both the siting and design of developments in a way that reduces greenhouse gases associated with vehicle travel, as well as energy, water, and waste. A partnership of local and regional agencies is needed to create a sustainable vision for the future that accommodates population growth in a carbon efficient way while meeting housing needs and other planning

goals. Integration of the sustainable communities' strategies or alternative planning strategies with local general plans will be key to the achievement of these goals. State, regional, and local agencies must work together to prioritize and create the supporting policies, programs, incentives, guidance, and funding to assist local actions to help ensure regional targets are met. Enhanced public transit service combined with incentives for land use development that provides a better market for public transit will play an important role in helping to reach regional targets. Thus, based on the above targets noted in the Scoping Plan, a new development Project that can demonstrate it directly influences both the siting and design of new developments in a way that reduces greenhouse gases associated with vehicle travel would be considered consistent with statewide GHG-reduction goals and policies, including AB 32, and does not make a cumulatively considerable contribution to global warming.

Connect SoCal (2020-2045 RTP/SCS)

As set forth in Chapter 4 of this SCEA, on September 3, 2020, SCAG's Regional Council adopted the Connect SoCal (2020-2045 Regional Transportation Plan/Sustainable Communities Strategy). In 2012, SCAG adopted the region's first Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) – a plan that the Regional Council now calls Connect SoCal. On October 30, 2020, through Executive Order G-20-239, CARB accepted SCAG's 2020 RTP/SCS as a GHG reduction plan.[62]

Connect SoCal charts a path toward a more mobile, sustainable and prosperous region by making connections between transportation networks, between planning strategies and between the people whose collaboration can improve the quality of life for Southern Californians. Connect SoCal builds upon and expands land use and transportation strategies established over several planning cycles to increase mobility options and achieve a more sustainable growth pattern. Within the Connect SoCal Plan, the 2020 SCS would, when implemented, meet the applicable 2035 GHG emissions reduction target for automobiles and light trucks as established by CARB in 2018, specifically, a 19 percent per capita reduction by 2035 relative to 2005 levels. CARB staff's determination summarizes its assessment, findings, and recommendations relating to the determination on the 2035 target. The Connect SoCal plan lays out a strategy for the region to meet these targets. The Connect SoCal SCS has been found to meet state targets for reducing GHG emissions from cars and light trucks. Connect SoCal achieves per capita GHG emission reductions relative to 2005 levels of 8 percent in 2020, and 19 percent in 2035, thereby meeting the GHG reduction targets established by the ARB for the SCAG region.

As part of the State's mandate to reduce per-capita GHG emissions from automobiles and light trucks, Connect SoCal presents strategies and tools that are consistent with local jurisdictions' land use policies and incorporate best practices for achieving the state-mandated reductions in GHG emissions at the regional level through reduced per-capita VMT. These strategies identify

[62] *State of California, Air Resources Board, Executive Order G-20,239, website: https://scag.ca.gov/sites/main/files/file-attachments/carb-2020-scs-evaluation-packet.pdf?1606337689, accessed April 2021.*

how the SCAG region can implement Connect SoCal and achieve related GHG reductions. The following strategies are intended to be supportive of implementing the regional SCS: 1) focus growth near destinations and mobility options; 2) promote diverse housing options; 3) leverage technology innovations; 4) support implementation of sustainability policies; and 5) promote a green region.

SCAQMD

SCAQMD has released draft guidance regarding interim CEQA GHG significance thresholds. In October 2008, SCAQMD proposed the use of a percent emission reduction target to determine significance for commercial/residential projects that emit greater than 3,000 metric tons of CO2e per year. On December 5, 2008, the SCAQMD Governing Board adopted the staff proposal for an interim GHG significance threshold for stationary source/industrial projects where SCAQMD is lead agency. However, SCAQMD has yet to formally adopt a GHG significance threshold for land use development projects (e.g., residential/commercial projects) and has formed a GHG Significance Threshold Working Group to further evaluate potential GHG significance thresholds.

Local Policies and Regulations

The City is addressing the issue of global climate change through implementation of the Green LA, An Action Plan to Lead the Nation in Fighting Global Warming (LA Green Plan), which outlines the goals and actions that the City has established to reduce the generation and emission of GHGs from public and private activities. According to the LA Green Plan, the City is committed to the goal of reducing emissions of CO_2 to 35 percent below 1990 levels by the year 2030. To achieve this goal, the City is increasing the generation of renewable energy, improving energy conservation and efficiency, and changing transportation and land use patterns to reduce dependence on automobiles.

City of Los Angeles Sustainable City pLAn

On April 8, 2015, Mayor Eric Garcetti released the Los Angeles' first ever Sustainable City pLAn (The pLAn). The pLAn sets the course for a cleaner environment and a stronger economy, with commitment to equity as its foundation. The pLAn is made up of short-term (by 2017) and long-term (2025 and 2035) targets. The pLAn set out an ambitious vision for cutting greenhouse gas emissions, reducing the impact of climate change and building support for national and global initiatives. Los Angeles has moved to the forefront of climate innovation and leadership through bold actions on energy efficiency and electric vehicle as well as renewable energy and greenhouse gas accounting. L.A. has already reduced its greenhouse gas emissions by 20% below 1990 levels as of 2013, nearly halfway to the goal of 45% below by 2025. The City has been working to increase the generation of renewable energy, improve energy conservation and efficiency, and change transportation and land use patterns to reduce dependence on automobiles. In 2017 30% of the LADWP's energy was from renewable energy sources. In

2019, the City and LADWP adopted new sustainability goals to supply 55% renewable energy by 2025; 80% by 2036 and 100% by 2045.[63]

LA Green Building Code

The City of Los Angeles *L.A. Green Building Code* (Ordinance No. 181,480), which incorporates applicable provisions of the CALGreen Code, and in many cases outlines more stringent GHG reduction measures available to development projects in the City of Los Angeles is consistent with statewide goals and policies in place for the reduction of greenhouse gas emissions, including SB 32 and the corresponding Scoping Plan. Among the many GHG reduction measures outlined later in this Section, the *L.A. Green Building Code* requires new development projects to incorporate infrastructure to support future electric vehicle supply equipment (EVSE), exceed the prescriptive water conservation plumbing fixture requirements of Sections 4.303.1.1 through 4.303.1.4.4 of the California Plumbing Code by 20%, meet the requirements of the California Building Energy Efficiency Standards, and comply with the construction and demolition solid waste handling and diversion requirements mandated in Section 66.32 of the LAMC. New development projects are required to comply with the *L.A. Green Building Code,* and therefore are generally considered consistent with statewide GHG-reduction goals and policies, including SB 32.

GHG Significance Threshold

The SCAQMD, the State CEQA Guidelines, and the City do not provide any adopted thresholds of significance for addressing a mixed-use project's GHG emissions. Nonetheless, Section 15064.4 of the CEQA Guidelines serves to assist lead agencies in determining the significance of the impacts of GHGs. Because the City does not have an adopted quantitative threshold of significance for a mixed-use project's generation of greenhouse gas emissions, the City has elected to adopted the qualitative threshold as required in Section 15064.4 of the CEQA Guidelines. This analysis includes an impact determination based on the following: (1) an estimate of the amount of greenhouse gas emissions resulting from the Proposed Project; (2) a qualitative analysis or performance based standards; (3) a quantification of the extent to which the Project increases greenhouse gas emissions as compared to the existing environmental setting; and (4) the extent to which the Project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions. Guidelines Section 15064.4 states a lead agency "should consider," among other factors, "[t]he extent to which the project may increase or reduce greenhouse gas emissions as compared to the existing environmental setting" (id., subd. (b)(1)) and "[w]hether the project emissions exceed a threshold of significance that the lead agency determines applies to the project" (id., subd. (b)(2). The Guidelines, however, do not mandate the use of absolute numerical thresholds to measure the significance of greenhouse gas emissions.

For purposes of this analysis, a significant impact would occur if the Proposed Project's design

[63] *City of Los Angeles, L.A.'s Green New Deal, Sustainable City Plan, 2019.*

features are not substantially consistent with the applicable policies and/or regulations outlined in the Scoping Plan, SB 375, SCAG's Connect SoCal, and the LA Green Building Code.

PROJECT-SPECIFIC IMPACTS

a) Would the Project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less Than Significant Impact. Neither the SCAQMD, the State CEQA Guidelines, nor the City provide any adopted thresholds of significance for addressing a residential project's GHG emissions. Nonetheless, Section 15064.4 of the CEQA Guidelines serves to assist lead agencies in determining the significance of the impacts of GHGs. Because the City of Los Angeles does not have an adopted quantitative threshold of significance for a mixed-use project's generation of greenhouse gas emissions, the following analysis is based on a combination of the requirements outlined in the CEQA Guidelines.

As required in Section 15064.4 of the CEQA Guidelines, this analysis includes an impact determination based on the following: (1) the extent to which the project may increase or reduce greenhouse gas emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions.

The Guidelines do not mandate the use of absolute numerical thresholds to measure the significance of greenhouse gas emissions. A significant impact would occur if a project would generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment. For purposes of this analysis, a significant impact would occur if the Proposed Project's design features are not substantially consistent with the applicable policies and/or regulations outlined in the Scoping Plan, SB 375, SCAG's Connect SoCal, and the L.A. Green Building Code.

Construction

Construction of the Proposed Project would emit GHG emissions through the combustion of fossil fuels by heavy-duty construction equipment and through vehicle trips generated by construction workers traveling to and from the Project Site. These impacts would vary day to day over the approximate 30-month duration of construction activities.

Emissions of GHGs were calculated using CalEEMod (*Version 2016.3.2*) for each year of construction of the Proposed Project and the results of this analysis are presented in Table 6.8, Proposed Project Construction-Related Greenhouse Gas Emissions. As shown in Table 6.8, the total GHG emissions from Project construction activities would be 2,168.04 metric tons with the greatest annual emissions occurring in 2024. As recommended by the SCAQMD, the total GHG construction emissions are amortized over the projected 30-year lifetime of the Project to be factored into the Proposed Project's operational emissions in order to determine the Proposed

Project's annual GHG emissions inventory.

Table 6.8
Proposed Project Construction-Related Greenhouse Gas Emissions

Year	CO_2e Emissions (Metric Tons per Year) [a]
2023	500.78
2024	1,008.24
2025	657.98
2026	1.04
Total Construction GHG Emissions	**2,168.04**
Amortized Annual Emissions	***72.27***

[a] Construction CO_2 values were derived using CalEEMod Version 2016.3.2 Calculation data and results are provided in Appendix F, Greenhouse Gas Emissions Worksheets.
[b] Consistent with SCAQMD recommended methodology for addressing construction emissions, the total construction emissions were amortized over a 30 year projected lifetime.

Operation

Baseline GHG Emissions

The Project Site is developed with four commercial buildings, totaling approximately 28,110 square feet. One structure on the Project Site, totaling 1,400 square feet, is vacant. As such, the existing conditions baseline includes 26,710 square feet of active uses. The operations of the on-site commercial uses generate GHG emissions as a result of vehicle trips and building operations involving the use of electricity, natural gas, water, and generation of solid waste and wastewater. The average daily GHG emissions generated by the existing Project Site have been estimated utilizing the CalEEMod computer model recommended by the SCAQMD. Table 6.9 Existing Project Site Greenhouse Gas Emissions, presents the GHG emissions associated with operation of the existing commercial buildings at the Project Site. As shown in Table 6.9, the existing operations on the Project Site generate approximately 1,289.84 CO^2e MTY.

Table 6.9
Existing Project Site Greenhouse Gas Emissions

Emissions Source	CO_2e Emissions (Metric Tons per Year)
Area	<0.01
Energy	2.61
Mobile	1,284.71
Waste	2.11
Water	0.40
Total	**1,289.84**

Calculation data and results provided in Greenhouse Gas Emissions Calculations Worksheets. (See Appendix F to this SCEA)

Project GHG Emissions

The GHG emissions resulting from operation of the Proposed Project, which involves the usage of on-road mobile vehicles, electricity, natural gas, water, landscape equipment and generation of solid waste and wastewater, were calculated under two separate scenarios in order to illustrate the effectiveness of the Proposed Project's compliance with the *L.A. Green Building Code* and other mitigating features that would be effective in reducing GHG emissions, such as the Project Site being an infill lot, its proximity to transit and walking distance to a major employment center. The Proposed Project's emissions were calculated using CalEEMod for a base project without the energy conservation measures mandated by the Green Building Code and with GHG reduction measures for purposes of quantifying the net benefit of code compliance measures in terms of a reduction in GHG emissions. As shown in Table 6.10, below, the net increase in GHG emissions generated by the Proposed Project under the Base Project Without GHG Reduction Measures[64] and without the removal of the GHG emissions generated by the existing land uses to be demolished would be 3,466.86 CO_2e MTY. The Project With GHG Reduction Measures scenario including removal of existing use GHG emissions would result in a net increase of 1,843.68 CO_2e MTY. For purposes of this comparison, it should be noted that the Proposed Project's structural and operational features would include installing energy efficient lighting, low-flow plumbing fixtures, ENERGY STAR-rated appliances, and implementing an operational recycling program during the life of the Project (see Regulatory Compliance Measures RCM-GHG-1 through RCM-GHG-6, below). When considering the fact that the Project is an infill development and is recycling land and reutilizing existing structures, which is encouraged through the state, regional and local plans and policies (i.e., SB 32, SB 375, and SCAG's Connect SoCal), the Proposed Project would realize a 47% reduction in GHG emissions as compared to a base project of the same size without replacing an existing land use. The percent reduction calculated above is not a quantitative threshold of significance, but shows the efficacy of the Proposed Project's infill and smart growth attributes (i.e., replacement of existing uses and location of high density housing and neighborhood serving retail uses in a high quality transit area) and its compliance with the various regulations, plans, and policies that have been adopted with the intent of reducing GHG emissions in furtherance of the State's GHG reduction targets under SB 32.

Regulatory Compliance Measures

RCM-GHG-1 The Project must meet Title 24 2016 standards and include ENERGY STAR appliances. Energy Star-rated appliances would reduce the projects energy demand during the operational life of the multi-family dwelling units.

[64] *"Base Project" assumes construction on a vacant lot and no energy conservation measures, as opposed to the "Proposed Project" which includes GHG conservation measures and replaces an existing land use that generates GHG emissions.*

RCM-GHG-2 The Project is subject to construction and demolition waste recycling of at least 65 percent, per Section 4.408.1 of Title 24 Part 11, California Green Building Standards Code (CALGreen). In addition, Project Site operations are subject to AB 939 requirements to divert 50 percent of solid waste to landfills through source reduction, recycling, and composting. Finally, the Project is required by the California Solid Waste Reuse and Recycling Access Act of 1991 to provide adequate storage areas for collection and storage of recyclable waste materials.

RCM-GHG-3 As mandated by the LA Green Building Code, the Project is required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development by at least 20 percent. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs.

RCM-GHG-4 The Project must comply with the electric vehicle ready and electric vehicle charging requirements set forth in Ordinance No. 186,485.

RCM-GHG-5 Greenhouse Gas Emissions (Green Building Code): In accordance with the City of Los Angeles Green Building Code (Chapter IX, Article 9, of the Los Angeles Municipal Code), the Project shall comply with all applicable mandatory provisions of the Los Angeles Green Code and as it may be subsequently amended or modified.

RCM-GHG-6 The Project shall comply with City Ordinance No. 184,248 (effective June 2016) amended provisions of Articles 4 and 9 of Chapter IX of the LAMC which establish citywide water efficiency standards and require water-saving systems and technologies in buildings and landscapes to conserve and reduce water usage.

Indoor Water Use. Pursuant to Section 99.04.303.4 of the LAMC, a 20% reduction in the overall use of potable water within a building shall be provided. The reduction shall be based on the maximum allowable water use per plumbing fixture and fittings as required by the Los Angeles Building Standards.

Outdoor Water Use. Pursuant to Section 99.04.304.1, a water budget shall be developed for landscape irrigation use that conforms to the local water efficient landscape ordinance or to the California Department of Water Resources' Model Water Efficient Landscape Ordinance, whichever is more stringent. Additionally, in new residential construction or building addition or alteration over 500 square feet of cumulative landscaped area, install irrigation controllers and sensors which include the criteria specified in Section 99.04.304.2 and meet manufacturer's recommendations. Furthermore, outdoor water metering, swimming pool covers, and exterior faucets are regulated under the LAMC Section 99.04.304 for outdoor water usage.

In addition to the GHG emission reductions described above, it is important to note that the CO_2 estimates from mobile sources (particularly CO_2, CH_4, and N_2O emissions) are likely much greater than the emissions that would actually occur. The methodology used assumes that all emissions sources are new sources and that emissions from these sources are 100 percent additive to existing conditions. This is a standard approach taken for air quality analyses. In many cases, such an assumption is appropriate because it is impossible to determine whether emissions sources associated with a project move from outside the air basin and are in fact new emissions sources, or whether they are sources that were already in the air basin and just shifted to a new location. Because the effects of GHGs are global, a project that shifts the location of a GHG-emitting activity (e.g., where people live, where vehicles drive, or where companies conduct business) would result in no net change in global GHG emissions levels.

Table 6.10
Proposed Project Operational Greenhouse Gas Emissions

Emissions Source	Estimated Project Generated CO_2e Emissions (Metric Tons per Year)		
	Base Project Without GHG Reduction Features	Proposed Project	Percent Reduction [a]
Area	6.27	6.27	0%
Energy (Electricity)	1,364.32	1,305.39	4%
Energy (Natural Gas)	180.70	172.08	5%
Mobile (Motor Vehicles)	1,442.41 [b]	1,264.32	12%
Stationary	2.29	2.29	0%
Waste	90.58	45.29	50%
Water	308.02	265.61	14%
Construction Emissions [c]	72.27	72.27	--
Proposed Project Total:	**3,466.86**	**3,133.52**	**10%**
Less Existing Project Site:	*-- [d]*	*-1,289.84*	--
Proposed Project Net Total:	**3,466.86**	**1,843.68**	**47%**

Notes:
[a] *The Percent Reduction is not a quantitative threshold of significance, but shows the efficacy of the Project's compliance with the various regulations, plans and policies that have been adopted with the intent of reducing GHG emissions.*
[b] *Since the mobile trips already incorporates trip reductions, the GHG emissions prior to reductions was taken by multiplying the ratio of the reduced and unreduced trips (1,072 : 1,223) multiplied by the ratio of GHG emissions from the reduced trips (1,264.32 : X).*
[c] *The total construction GHG emissions were amortized over 30 years and added to the operation of the Project as per SCAQMD guidance.*
[d] *The existing emissions were not deducted from the Base Project Without GHG Reduction Measures to demonstrate the benefit of developing on an infill lot with active commercial uses.*
Calculation data and results provided in Appendix F, Greenhouse Gas Emissions Worksheets.

For example, if a substantial portion of California's population migrated from the South Coast Air Basin to the San Joaquin Valley Air Basin, this would likely decrease GHG emissions in the South Coast Air Basin and increase emissions in the San Joaquin Valley Air Basin, but little change in overall global GHG emissions. However, if a person moves from one location where

the land use pattern requires auto use (commuting, shopping, etc.) to a new development that promotes shorter and fewer vehicle trips, more walking, and overall less energy usage, then the new development would result in a potential net reduction in global GHG emissions.

Consistency with SB 375 and SB 32

California SB 375 requires integration of planning processes for transportation, land-use and housing. Under the bill, each Metropolitan Planning Organization would be required to adopt a Sustainable Community Strategy (SCS) to encourage compact development that reduces passenger vehicle miles traveled and trips so that the region will meet the target provided in the Scoping Plan, created by CARB, for reducing GHG emissions. SB 375 requires SCAG to direct the development of the SCS for the region. A discussion of the Proposed Project's consistency with the SCS and Scoping Plan is provided further below.

Table 6.11
Consistency with Applicable SB 32 Scoping Plan Measures

Scoping Plan Measures	Consistency
Energy Efficiency. Maximize energy efficiency building and appliance standards and pursue additional efficiency efforts including new technologies, and new policy and mechanisms. Pursue comparable investment in energy efficiency from all retail providers of electricity in California.	**Consistent**. The Proposed Project would be consistent with the Scoping Plan's policy to (a) maximize energy efficiency building and appliance standards and pursue additional efficiency efforts including new technologies, and new policy and mechanisms, and (b) to pursue comparable investment in energy efficiency from all retail providers of electricity in California. The Proposed Project would be designed and constructed to meet LA Green Building Code standards by including several measures designed to reduce energy consumption including but not limited to installing efficient lighting fixtures, low flow plumbing fixtures, and installing ENERGY Star-rated appliances.
Renewables Portfolio Standard. Achieve 33 percent renewable energy mix statewide.	**Consistent**. The Proposed Project would not impede the Scoping Plan's policy to achieve 33 percent renewable energy mix statewide. While this policy is not directly applicable to the Proposed Project, the Project would use energy from the Los Angeles Department of Water and Power (LADWP). In 2017 30% of the LADWP's energy was from renewable energy sources. In 2019, the City and LADWP adopted new sustainability goals to supply 55% renewable energy by 2025; 80% by 2036 and 100% by 2045. (L.A.'s Green New Deal, Sustainable City Plan, 2019)
Green Building Strategy. Expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings.	**Consistent**. The Proposed Project would be consistent with the Scoping Plan's policy to expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings. The Proposed Project would be designed and constructed to meet L.A. Green Building Code standards by including several measures designed to reduce energy consumption including but not limited to installing efficient lighting fixtures, low flow plumbing fixtures, and installing ENERGY STAR-rated appliances.

Recycling and Waste. Reduce methane emissions at landfills. Increase waste diversion, composting and other beneficial uses of organic materials and mandate commercial recycling. Move toward zero waste.	**Consistent**. The Proposed Project would be consistent with the Scoping Plan's policy to reduce methane emissions at landfills, increase waste diversion, composting and other beneficial uses of organic materials and mandate commercial recycling, and to move toward zero waste. The Proposed Project would result in a less than significant impact on landfill capacity. (See response to Checklist Question XIX(d), below). It would meet the City's 70 percent waste diversion rate goal and comply with the City's Zero Waste Plan, which will reduce solid waste, increase recycling, and manage trash in the City through the year 2030.
Water. Continue efficiency programs and use cleaner energy sources to move and treat water.	**Consistent**. The Project would use water-efficient landscaping including point-to-point irrigation and a smart controller drip system to reduce water use. The Applicant has also committed to comply with the City of Los Angeles Low Impact Development Ordinances (City Ordinance No. 181,899 and No.183,833) and to implement Best Management Practices that have stormwater recharge or reuse benefits for the entire Project as feasible, pending final determination.
Measures not listed are not applicable to this Project. *Source: Parker Environmental Consultants, 2021.*	

Consistency with Connect SoCal

The Proposed Project is consistent with the following key GHG reduction strategies in SCAG's Connect SoCal (2020 RTP/SCS), which are based on changing the region's land use and travel patterns:

- Focus growth near destinations and mobility options;
- Promote diverse housing choices;
- Leverage technology innovations;
- Support implementation of sustainability policies; and
- Promote a green region.

The Proposed Project represents an infill development within an existing urbanized area that would concentrate new commercial uses within a HQTA. The Connect SoCal plan defines a HQTA as generally walkable transit villages or corridors that are within 0.5-mile of a well-serviced transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours. Based on a walkability assessment of the Project area by WalkScore.com, the Project Site is rated with a score of 95 of 100 possible points and defined as "walker's paradise – daily errands do not require a car." In addition, the Proposed Project would also provide bicycle storage areas for Project residents and guests. Walkscore.com also allocates a transit score of 100 to the Project Site, described as "riders paradise, world class public transportation," and a bike score of 78 to the Project Site, described as "very bikeable." The Proposed Project

would provide employees and patrons with convenient access to public transit and opportunities for walking and biking, which would facilitate a reduction in vehicle miles traveled and related vehicular GHG emissions. These and other measures would further promote a reduction in vehicle miles traveled and subsequent reduction in GHG emissions, which would be consistent with the goals of SCAG's Connect SoCal.

Consistency with L.A. Green Building Code

The L.A. Green Building Code contains both mandatory and voluntary green building measures for the reduction of GHG emissions through energy conservation. Among many requirements, the L.A. Green Code requires projects to achieve a 20 percent reduction in potable water use and wastewater generation, meet and exceed Title 24 Standards adopted by the California Energy Commission, meet 50 percent construction waste recycling levels, provide on-site storage for short- and long-term bicycle parking areas, and provide Energy-Star rated appliances were applicable. The Proposed Project would comply with these mandatory measures. Therefore, the Proposed Project is consistent with the L.A. Green Building Code.

As demonstrated above, the Proposed Project's design features and compliance with regulatory measures would be consistent with local and statewide goals and policies aimed at reducing the generation of GHGs, including SB 32, SB 375, the L.A. Green Building Code, and CARB's 2017 Scoping Plan aimed at achieving 40 percent below 1990 GHG emission levels by 2030. ***Therefore, the Proposed Project's generation of GHG emissions would not make a project-specific or cumulatively considerable contribution to conflicting with an applicable plan, policy or regulation for the purposes of reducing the emissions of greenhouse gases, and the Proposed Project's impact would be less than significant.***

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less Than Significant Impact. A significant impact would occur if the Proposed Project would conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs. The Proposed Project would be consistent with applicable local and statewide goals and policies aimed at reducing the generation of GHGs, including SB 32, SB 375, the L.A. Green Building Code, and CARB's 2017 Scoping Plan, which is aimed at achieving 40 percent reduction below 1990 statewide GHG emission levels by 2030. While the statewide emission reduction goals called out in SB 32, SB 375, and CARB's 2017 Scoping Plan do not require or infer a specific numeric emission reduction in GHG emissions for development projects, the Proposed Project's compliance with the LA Green Building Code would ensure that the Proposed Project would not conflict with or impede the State's ability to reach the emission reduction targets as specific in the Statewide Plans and policies. Therefore, the Project's generation of GHG emissions would not make a project-specific or cumulatively considerable contribution to conflicting with an applicable plan, policy or regulation for the purposes of reducing the emissions of greenhouse gases, and the Proposed Project's impact would be less than significant.

Cumulative Impacts

Less Than Significant Impact. An individual project's GHG emissions typically would be relatively very small in comparison to state or global GHG emissions and, consequently, they would, in isolation, have no significant direct impact on climate change. Rather, it is the increased accumulation of GHG from more than one project and many sources in the atmosphere that may result in global climate change, which can cause the adverse environmental effects previously discussed. Accordingly, the threshold of significance for GHG emissions determines whether a project's contribution to global climate change is "cumulatively considerable." Many regulatory agencies, including the SCAQMD, concur that GHG and climate change should be evaluated as a potentially significant cumulative impact, rather than a project direct impact. Accordingly, the GHG analysis presented in this Section analyzes whether the Proposed Project would be cumulatively considerable using a plan-based approach (supported by quantitative and qualitative analysis) to determine the project's contributing effect on climate change.

Due to the complex physical, chemical, and atmospheric mechanisms involved in global climate change, it is speculative to identify the specific impact, if any, to global climate change from one project's incremental increase in GHG emissions. The Proposed Project's GHG and the resulting level of significance is appropriately assessed in terms of the cumulative impact on global GHG emissions on climate change. Accordingly, a quantified analysis of the GHG emissions anticipated to result from construction and operational activities was calculated as part of the cumulative impact analysis. As part of that analysis, the Proposed Project's GHG emissions were analyzed on a project-specific basis with respect to its impacts on global climate change.

As shown in the analysis above, the Proposed Project would be consistent with statewide goals and policies in place for the reduction of greenhouse gas emissions, including SB 32, SB 375, Connect SoCal, and the L.A. Green Building Code that have been adopted in furtherance of the state and City's goals of reducing GHG emissions. By redeveloping an underutilized site and developing a mixed-use project with residential and community serving retail land uses in a high quality transit area, the Project would reduce VMTs. ***Thus, the Proposed Project would not make a cumulatively considerable contribution to GHG emissions, and impacts would be less than significant.***

IX. Hazards and Hazardous Materials

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would create a significant hazard to the public or the environment?	☐	☐	☒	☐
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

The following section summarizes and incorporates the reference information from the following reports (contained in Appendix G to this SCEA):

- Phase I Environmental Site Assessment Report, 1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street, Los Angeles, California 90015, prepared by Partner Engineering and Science, Inc., dated May 26, 2015. (Appendix G.1);

- Phase I Environmental Site Assessment Report, 1147-1151 South Main Street, Los Angeles, California 90015, prepared by Partner Engineering and Science, Inc., dated November 13, 2018. (Appendix G.2);

- Phase I Environmental Site Assessment Report, 1155 and 1165 South Main Street, Los Angeles, California 90015, prepared by Andersen Environmental, dated March 14, 2014. (Appendix G.3);

- Phase II Environmental Site Assessment Report,1155 & 1165 South Main Street, Los Angeles, CA 90015, prepared by Andersen Environmental, dated May 28, 2014. (Appendix G.4); and

- Preliminary Subsurface Methane Gas Investigation at 1123-1161 South Main St., Los Angeles, California ("Methane Report"), prepared by GeoKinetics, dated November 29, 2018. (Appendix G.5)

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less Than Significant Impact. A significant impact may occur if a project would involve the use or disposal of hazardous materials as part of its routine operations, or would have the potential to generate toxic or otherwise hazardous emissions that could adversely affect sensitive receptors. The Proposed Project includes the construction of a mixed-use development with 363 residential units and 12,500 square feet of commercial/retail space. During the operation of the Proposed Project, no hazardous materials other than modest amounts of typical cleaning supplies and solvents used for janitorial purposes would routinely be transported to the Project Site. The acquisition, use, handling, storage, and disposal of these substances would comply with all applicable federal, state, and local requirements.

Construction could involve the use of potentially hazardous materials, including vehicle fuels, oils, and transmission fluids. However, all potentially hazardous materials would be contained, stored, and used in accordance with manufacturers' instructions and handled in compliance with applicable standards and regulations, which include requirements for disposal of hazardous materials at a facility licensed to accept such waste based on its waste classification and the waste acceptance criteria of the permitted disposal facilities. ***Therefore, the Proposed Project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials and impacts would be less than significant.***

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less Than Significant Impact. A project would normally have a significant impact to hazards and hazardous materials if: (a) the project involved a risk of accidental explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals or radiation); or (b)

the project involved the creation of any health hazard or potential health hazard. The determination of significance shall be made on a case-by-case basis considering the following factors: (a) the regulatory framework for the health hazard; (b) the probable frequency and severity of consequences to people or property as a result of a potential accidental release or explosion of a hazardous substance; (c) the degree to which project design will reduce the frequency or severity of a potential accidental release or explosion of a hazardous substance; (d) the probable frequency and severity of consequences to people from exposure to the health hazard; and (e) the degree to which project design would reduce the frequency of exposure or severity of consequences to exposure to the health hazard.

Phase I Environmental Site Assessments

1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street (Appendix G.1), dated May 26, 2015

Site Reconnaissance

On May 18, 2015, Partner Engineering and Science, Inc. ("Partner") staff conducted a site reconnaissance of the subject property. Partner identified the following hazardous substance used, stored, and/or generated on the subject property: a 5 x 55-gallon drum of unlabeled substance. Based on the overall small quantities observed, no leaks, spills or stains were observed and lack of violations on-file, these materials are not expected to represent a significant environmental concern.

Records Review

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Data Resources (EDR). As concluded in the Phase I ESA, the subject property is identified on the HAZNET database in the following listings:

- The subject property, identified as Ix Hans Engineering Company at 1124 South Main Street is listed on the HAZNET database. According to the database, 0.25 tons of tank bottom waste was manifested in 1995. No additional information is available, and this facility is not listed on any UST databases or any databases indicating an unauthorized release.
- The subject property, identified as 11th and Main Partners, LLC at 1100-1132 South Main Street, manifested 8.42 tons of asbestos containing waste in 2006. No additional information is available. Based on the regulatory status, this listing is not expected to represent a significant environmental concern. In addition, the subject property, (identified as 11th and Main Partners, LLC at 106-112 South Main Street) manifested 2.52 tons of asbestos containing waste in 2006. No additional information is available, and this facility is not listed on any UST databases or any databases indicating an unauthorized release. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.

- The subject property, identified as Lax C Incorporated at 1100 South Main Street, manifested 2.33 tons of oil/water separator sludge in 2004. No additional information is available. No additional information is available. However, this facility is not listed on any UST databases or any databases indicating an unauthorized release. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.

Additionally, adjacent properties were reviewed, which consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

Findings

The purpose of the ESA was to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require cleanup, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. Partner did not identify RECs or CRECs at the subject property. The following historical recognized environmental condition (HREC) was identified during the course of the assessment:

- The subject property, identified as Ix Hans Engineering Company at 1124 South Main Street, is listed on the Facility and Manifest (HAZNET) database. According to the database, 0.25 tons of tank bottom waste was manifested in 1995. No additional information is available regarding a potential former underground storage tank (UST) at this facility, and this facility is not listed on any UST databases or any databases indicating an unauthorized release. The client provided Partner with a No Further Action (NFA) letter from LAFD dated January 14, 1998, which indicated a Closure Report was submitted for Ana Trading Company at 1137 South Main Street dated October 1995. However, city directory research indicates Ana Trading Company was located at 1124 South Main Street, so it is likely the HAZNET listing and the LAFD letter are related. As of this date, Partner has not received a response to Freedom of Information Act (FOIA) requests from either the Los Angeles Fire Department (LAFD) or Los Angeles County Public Health Investigations (LAC PHI), who provide regulatory oversight of USTs and hazardous materials. Therefore, no details are available regarding any soil, groundwater, or soil gas sampling or the concentrations of contaminants left in place, if any. However,

based upon closure of the presumed UST, the presumed UST represents a historical recognized environmental condition.

An environmental issue refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) is present. Overall, suspect ACMs were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building-occupants. See Regulatory Compliance Measure RCM-HAZ-1, below.

This assessment has not revealed evidence of recognized environmental conditions in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

1147-1151 South Main Street (Appendix G.2), dated November 13, 2018

Site Reconnaissance

On November 6, 2018, Partner staff conducted a site reconnaissance of the subject property. No evidence of the use of reportable quantities of hazardous substances was observed on the subject property. Therefore, no potential environmental concerns were identified during the onsite reconnaissance.

Records Review

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Data Resources (EDR). The subject property is identified as an EDR Historical Auto site in the following regulatory database report:

- The subject property, identified as Moore Pfeif at 1151 South Main Street, was identified by EDR in historical resources as an automobile repairing facility in 1942. According to a review of building permits, the tenant occupying the subject property at that time was operating as a fender and auto body repair shop which was converted to a print shop by 1945. Auto body repair shops frequently utilize paints, thinners, welding gasses, fillers and other materials but less frequently use oils, other automotive fluids and degreasers such as chlorinated solvents which full service drivetrain repair shops might use and are more persistent in the environment. Furthermore, the subject property was demolished, regraded and completely redeveloped in 1986. Based on the presumed nature of auto body repair operations, the elapsed time since the occupancy and redevelopment of the property, this listing is not expected to represent a significant environmental concern.

In addition, the adjacent property to the north was identified as EDR Historical Auto Station site in the following regulatory database report:

- The adjacent property, identified as Station #23 at 1131 South Main Street, is located adjacent to the north of the subject property. According to the database report, Station #23 operated a gasoline service station on the premises in 1982. No additional information was provided in the database report. This site is not listed not any release database that would impact the subject property. Additionally, a review of building permit records for this property revealed the use to be retail stores between the 1950s and 1980s and city directories for this address revealed no evidence of a gas station. Based on the lack of a documented gas station at this site, this listing is not expected to represent a significant environmental concern.

Findings

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require cleanup, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. Partner did not identify RECs, CRECs, or HRECs at the subject property. The following environmental issues were identified during the course of the assessment:

- The subject property historically operated as an auto body repair shop during the early 1940s and was identified by EDR in historical resources as an automobile repairing facility in 1942. According to a review of building permits, the tenant occupying the subject property at that time was operating as a fender and auto body repair shop which was converted to a print shop by 1945. Auto body repair shops frequently utilize paints, thinners, welding gasses, fillers and other materials but less frequently use oils, other automotive fluids and degreasers such as chlorinated solvents which full service drivetrain repair shops might use and are more persistent in the environment. Furthermore, the subject property was demolished, regraded and completely redeveloped in 1986. Based on the presumed nature of auto body repair operations, the elapsed time since the occupancy and redevelopment of the property, the historical auto body shop operations are not expected to represent a significant environmental concern.

- According to a review of Sanborn maps and building permit records, the subject property was formerly occupied by a print shop from 1945 to circa 1970. Many printing industries generate waste ink, ink sludges and use cleaners that might contain solvents or heavy metals. Overall, the print shop operations appear to have been limited to one portion of a relatively small building. Additionally, the former building was completely demolished in

1986, regraded and developed with the current two buildings that year. Based on the relatively limited scale of printing operations depicted on the Sanborn maps, the elapsed time since the occupancy and subsequent redevelopment of the property, the historical print shop operations are not expected to represent a significant environmental concern.

This assessment has no revealed evidence of RECs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

1155 and 1165 South Main Street (Appendix G.3), dated March 14, 2014

Site Reconnaissance

On March 6, 2014, Andersen Environmental staff conducted a site reconnaissance of the subject property. The site inspection was conducted to attempt to identify current site use(s), current hazardous materials storage, and evidence of past site uses and hazardous material storage and to identify evidence of other recognized environmental conditions. No RECs were observed on the exterior or interior of the subject properties.

Records Review

A radial database search was conducted in accordance with the specifications defined in ASTM E 1527-13 which sets the radial search distances for each regulatory database. The radial database search was conducted by EDR on March 3, 2014. The subject property is listed on the Facility and Manifest (HAZNET) database in the following report:

- According to the listing, between 1993 and 2000, Winston Tire Company generated hazardous wastes including unspecified aqueous solution, oil/water separation sludge, aqueous solution with total organic residues less than 10 percent, and unspecified solvent mixture. Oil/water separation sludge is indicative of the presence of a clarifier at the subject property. During the site reconnaissance, the majority of the concrete floors in the structure formerly occupied by Winston Tire Company (1165 South Main Street parcel) were not observable.

In addition, the LAFD HazMat, LAFD Central Industrial Unit (LAFD CIU), LAFD Underground Storage Tank Division (LAFD UST), Los Angeles County Department of Health Services, Public Health Investigations (LACDHS PHI), and City of Los Angeles Bureau of Sanitation (LABS) were contacted regarding hazardous materials, underground storage tank, and industrial waste discharge records for the subject property. The following report details the findings:

- According to files provided by the LACDHS PHI, an inspection report from August 19, 1995 listed two 55-gallon drums of waste oil disposed by Evergreen Environmental, one 55-gallon drum of used oil filters, one 55-gallon drum of antifreeze, and 30 gallons of parts cleaner. A Notice of Violation was issued to Winston Tires for overflowing waste oil and antifreeze drums, and there were floor drains noted. The inspector asked about the

presence of a clarifier, but it was not confirmed whether a clarifier existed or not. An inspection report from July 6, 1998 listed 30 gallons of parts cleaner disposed by Safety Kleen, 55 gallons of antifreeze disposed by Asbury Oil, and 100 gallons of waste oil and used oil filters disposed by Asbury Oil at the Winston Tires auto repair garage on the subject property. The subject property was historically utilized for auto repair operations including tire rebuilding from 1906 to 2004. Records pertaining to the use of hazardous materials for the auto repair tenants prior to 1995 were not available as they operated during a time when the regulatory measures governing the use of hazardous materials of this nature were not as stringent as they are today. Based on the long term duration of the auto repair operations onsite (approximately 98 years), likely use of hazardous materials during a time without stringent regulatory oversight, and documented drains and likely associated clarifier (preferential pathways to the subsurface), the former auto repair operations at the subject property are considered to be a recognized environmental condition.

The following adjacent and immediately surrounding properties were also identified within the regulatory database reports:

Ryder Truck Rental (100 West 12th Street) - The southwest adjoining property across West 12th Street (hydrologically down-gradient) is listed on the Hazardous Substance Storage Container Database (HIST UST) database. According to the listing, the site operated a 10,000-gallon waste underground storage tank (UST). The owner's name and address is listed as Herald Examiner at 1201 South Main Street. For more information refer to the listing below.

Los Angeles Herald Examiner (1201 South Main Street) - The southwest adjoining property across West 12th Street (hydrologically down-gradient) is listed on the HIST UST, Facility Inventory Database (CA FID UST), and Statewide Environmental Evaluation and Planning System Underground Storage Tank (SWEEPS UST) databases. Historical research indicates that the site was occupied by a gasoline service station and truck yard at least from 1967 to 1970. According to the listings, the site operated a 9,950-gallondiesel UST. Additionally, according to listings for a historical address associated with the property, the site also operated a 10,000-gallon waste UST (Ryder Truck Rental above). The location of the tanks is not indicated within the listings or any resources researched for the purposes of this report. As such the potential presence of the USTs within 100 feet of the subject property represents a potential vapor encroachment condition for the subject property. However, based on the lack of evidence of a release from the USTs, a potential vapor intrusion condition is considered unlikely. Based on the foregoing, and the down-gradient location of the tanks, the tanks at the adjoining property are not expected to represent a significant environmental concern to the subject property.

Moore Pfeif (1151 South Main Street) - The northeast adjoining property (hydrologically up-gradient) is listed on the EDR US Historical Auto Station (EDR US Hist Auto Stat)

database. According to the listing, the site operated an automobile repairing facility in 1942. The site is not listed on any of the databases indicative of a release. Based on the lack of evidence of a release, the former automobile repair operations at the adjoining property are not expected to represent a significant environmental concern to the subject property.

Additional Issues

Asbestos

Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for asbestos containing building materials within the structure, however, no testing was completed as part of this report. Potential asbestos-containing materials include mastic associated with linoleum and tile flooring. The ACM appeared to be in good condition. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for asbestos containing building materials within the structure is considered to be low.

Lead Based Paint

Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for lead based paint within the structure. Painted surfaces appeared to be in good condition. However, no testing was completed as part of this report. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for lead based paint within the structure is considered to be low.

Radon

Radon potential at the subject property is considered low.

Mold

Andersen Environmental did not observe visible or olfactory indications of the presence of mold, nor did Andersen Environmental observe obvious indications of significant water damage.

Methane Zone

According to the City of Los Angeles Methane Zone map, the Project Site is located within a methane buffer zone. Due to the potential environmental risk associated with construction in Methane Zones, the property owner is required to conduct a methane assessment prior to the redevelopment of the subject property and methane mitigation systems may be required (Division 71 of the Los Angeles Building Code). The Methane Report is provided in Appendix G.5 to this SCEA).

Findings

No HRECs or CRECs were identified at the subject property, however the potential for hazardous materials to impact the property subsurface from former auto repair operations at the subject property for 98 years (1906 to 2004) with documented drains and likely associated clarifier represents a REC. Therefore, a Phase II ESA was recommended.

Phase II Environmental Site Assessment

1155 & 1165 South Main Street (Appendix G:4), dated May 28, 2014

A Phase II ESA was conducted to evaluate whether former operations have significantly impacted the subsurface of the Site. Contaminants of concern included petroleum hydrocarbons and VOCs in soil and soil vapor. On May 9, 2014 Andersen Environmental directed Optimal Technologies (Optimal) to perform soil vapor sampling and analysis in eight soil vapor boring locations. All analyses were performed via Modified EPA Method 8260B on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Hewlett Packard model 5971 Mass Spectra Detector and Tekmar LSC 2000 Purge and Trap. An SGE capillary column using helium as the carrier gas was used to perform all analysis. All soil vapor samples were analyzed on-site for VOCs by Modified EPA Method 8260B. A summary of soil vapor analytical results for VOCs are presented within the Phase II ESA Report (Appendix G:4 of this SCEA). No VOCs were detected in any soil vapor samples analyzed during this assessment; therefore VOCs in soil vapor do not pose a significant concern to the environment or human health within the areas investigated. Therefore, it is the opinion of Andersen Environmental that petroleum hydrocarbons in the locations sampled does not pose a significant threat to human health or the environment at this time. Based on results of this investigation, Andersen Environmental recommends no further assessment of Project Site features identified at this time in the areas investigated. **Therefore, with the incorporation of regulatory compliance measures, impacts relating to the release of hazardous materials would be less than significant.**

Preliminary Subsurface Methane Gas Investigation

1123-1161 South Main Street (Appendix G:5), dated November 29, 2018

The Project Site is developed with four commercial buildings and surface parking. The Project Site is located in the Los Angeles Downtown Oil Field. However, no oil wells exist at the Project Site, based on the review of the California Department of Conservation, Division of Oil, Gas and Geothermal Resources oil field map by GeoKinetics. GeoKinetics performed a methane gas investigation at the Project Site on November 9, 2018 and monitored the gas probes on November 12 and 14, 2018. The gas probe methane, oxygen, and carbon dioxide concentrations were measured in the field using a portable, methane specific, LANDTEC GEM2000-PLUS infra-red gas analyzer. A volume of gas equivalent to approximately ten times that of the ¼ -inch diameter polyethylene gas probe tube was extracted through the LANDTEC

GEM2000-PLUS during the monitoring process. Steady state readings were generally obtained after approximately two tubing volumes of gas had been extracted. The highest methane reading displayed in each instance was recorded.

Results

There were no elevated soil gas pressure readings measured in any of the gas probes above 0.00 inches of water. As such, there was no indication of elevated soil gas pressures associated with methane generation or migration. The concentration of oxygen in the atmosphere at sea level is approximately 21%. The subsurface oxygen levels were found to be slightly depressed below typical atmospheric levels at each of the gas probe installations. The lowest subsurface oxygen level recorded at the site was 18.8% while the average oxygen concentration measured in the gas probes was approximately 19.6%. The average concentration of carbon dioxide in the atmosphere at sea level is approximately 0.03%. Subsurface carbon dioxide levels were slightly elevated above typical atmospheric levels in each of the gas probes. The highest carbon dioxide concentration measured at the site was 0.8% while the average carbon dioxide concentration measured in the gas probes was approximately 0.3%.

The slightly depressed subsurface oxygen levels and slightly elevated carbon dioxide levels suggest residual organic matter entrained within the near surface soils is being biodegraded under aerobic conditions. ***Based upon the measured methane levels and the corresponding soil gas pressures and the Certificate of Compliance for Methane Test Data, the property is classified as a Level I site with a Design Methane Pressure of 2 inches of water in accordance with LADBS guidelines. Compliance with LAMC Sections 91.7101 through 91.7109 (RCM-HAZ-2) would ensure any impacts from methane would be less than significant.***

Regulatory Compliance Measures

RCM-HAZ-1 **Asbestos.** Due to the age of the building(s) being demolished, toxic and/or hazardous construction materials may be located in the structure(s). Exposure to such materials during demolition or construction activities could be hazardous to the health of the demolition workers, as well as area residents, employees, and future occupants. Prior to the issuance of any permit for the demolition or alteration of the existing structure(s), the applicant shall provide a letter to the Department of Building and Safety from a qualified asbestos abatement consultant indicating that no Asbestos-Containing Materials (ACM) are present in the building. If ACMs are found to be present, it will need to be abated in compliance with the South Coast Air Quality Management District's Rule 1403 as well as all other applicable State and Federal rules and regulations.

RCM-HAZ-2 **Methane Mitigation System.** The Proposed Project shall provide a methane mitigation system as required by Table 71 in Section 2. Division 71 of Article 1, Chapter IX of the Los Angeles Municipal Code based on the Site Design Level I.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less Than Significant Impact. A project-related significant adverse effect may occur if the Project Site is located within 0.25-mile of an existing or proposed school site, and is projected to release toxic emissions, which would pose a health hazard beyond regulatory thresholds.

There are no Los Angeles Unified School District schools or private schools within one-quarter mile of the Project Site. The nearest school to the Project Site is the 9th Street Elementary School, located approximately one mile from the Project Site at 835 Stanford Avenue. Localized construction impacts associated with noise, dust and localized air quality emissions, and construction traffic/hauling activities generally occur within an area of 500 feet or less of the Project Site. Since no schools are located within 500 feet or within one-quarter mile from the Project Site, the construction activities from the Proposed Project would not create a hazard to any nearby schools. Further, the proposed haul route exiting the Project Site to Sunshine Canyon Landfill and the Downtown Diversion would travel south along Main Street and west on 17th Street to the on-ramp to the I-10 Freeway. The haul route exiting the I-10 Freeway would exit the Convention Center/Los Angeles Street off-ramp and travel north along Main Street to the Project Site. The local haul routes would not pass by any nearby schools. ***Therefore, construction impacts would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school and impacts would be less than significant.***

Further, no hazardous materials other than the modest amounts of typical cleaning supplies and solvents used for maintenance and janitorial purposes would be present at the Project Site, and the acquisition, use, handling, storage, and disposal of these substances would comply with all applicable federal, state, and local requirements. The operational activities of the Proposed Project would not create a significant hazard through hazardous emissions or the handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. ***Operational impacts would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school and impacts would be less than significant.***

d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant Impact. California Government Code Section 65962.5 requires various state agencies to compile lists of hazardous waste disposal facilities, unauthorized releases from underground storage tanks, contaminated drinking water wells, and solid waste facilities from which there is known migration of hazardous waste, and submit such information to the Secretary for Environmental Protection on at least an annual basis. A significant impact may occur if the Project Site is included on any of the above lists and poses an environmental hazard to surrounding sensitive uses.

As stated previously, a Phase I ESA was prepared for the Project Site, by assessing environmental concerns of the multiple subject properties within the Project Site. The Phase I ESAs identified properties on the Project Site to be listed on the following databases: HAZNET, EDR US Historical Auto Station, LACDHS PHI, HIST UST, and CA FID UST. The Phase I ESAs determined that there are recognized environmental concerns associated with the Project Site. The Phase II ESA prepared for the Project Site determined that the subsurface soil samples taken at the Project Site do not pose a significant threat to human health or the environment; and no further assessment of the Project Site is required. Thus, the Project Site's listing on government databases as a hazardous materials site would not create a significant hazard to the public or environment. ***With compliance to mandatory state and federal regulatory compliance measures (RCM-HAZ-1 and RCM-HAZ-2, above, would ensure potential impacts would be less than significant.***

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. A significant project-related impact may occur if the Proposed Project were placed within a public airport land use plan area, or within two miles of a public airport, and subject to a safety hazard. The closest public airport to the Project Site is the Los Angeles International Airport (LAX), located approximately 12 miles southwest of the Project Site. However, the airport is not located within two miles of the Project Site. Furthermore, the Project Site is not in an airport hazard area. ***Therefore, the Proposed would not result in a safety hazard for people residing or working in the Project area, and no impact is expected to occur.***

f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. A project would normally have a significant impact to hazards and hazardous materials if: (a) the project involved possible interference with an emergency response plan or emergency evacuation plan. The determination of significance shall be made on a case-by-case basis considering the degree to which the project may require a new, or interfere with an existing emergency response or evacuation plan, and the severity of the consequences. The Project Site is located not in a disaster route according to the Los Angeles Central Area Disaster Route Map of Los Angeles County.[65] Additionally, based on the City of Los Angeles Safety Element, the Project Site is not located on an identified disaster route or an adopted emergency response or evacuation plan.[66] Development of the Project Site may require temporary and intermittent partial street closures due to construction activities. Nonetheless, while such closures may cause temporary inconvenience, they would not be expected to substantially interfere with emergency response or evacuation plans. The Proposed

[65] *Los Angeles County Department of Public Works, City of Los Angeles Central Area Disaster Route Map, August 13, 2008.*

[66] *City of Los Angeles, Safety Element Exhibit H, Critical Facilities and Lifeline Systems in the City of Los Angeles, April 1995.*

Project would not cause permanent alterations to vehicular circulation routes and patterns, impede public access, or travel upon public rights-of-way. ***Therefore, the Proposed Project would not be expected to interfere with any adopted emergency response plan or emergency evacuation plan, and a less than significant impact would occur.***

g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

No Impact. The Project Site is located in a highly urbanized area of Los Angeles and does not include wildlands or high fire hazard terrain or vegetation. The Project Site is not located in a Very High Fire Hazard Severity Zone (VHFHSZ).[67] ***Therefore, no impacts from wildland fires are expected to occur.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in combination with the related projects identified in Section 3, Project Description, has the potential to increase to some degree the risks associated with the use and potential accidental release of hazardous materials in the City of Los Angeles. However, the potential impact associated with the Proposed Project would be less than significant with adherence to all applicable regulations and implementation of mitigation measures. Therefore, the Proposed Project would not be cumulatively considerable. With respect to the related projects, the potential presence of hazardous substances would require evaluation on a case-by-case basis, in conjunction with the development proposals for each of those properties. Further, local municipalities are required to follow local, state, and federal laws regarding hazardous materials, which would further reduce impacts associated with the related projects. ***Therefore, with compliance with local, state, and federal laws pertaining to hazardous materials and implementation of appropriate mitigation measures, the Proposed Project in conjunction with related projects would be expected to result in less-than-significant cumulative impacts with respect to hazardous materials.***

[67] *City of Los Angeles, Department of City Planning, City of Los Angeles Zoning Information and Map Access System (ZIMAS), website: http://zimas.lacity.org, accessed February 2019.*

X. Hydrology and Water Quality

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i. Result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	☐	☐	☒	☐
iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv. Impede or redirect flood flows?	☐	☐	☐	☒
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

The following section summarizes and incorporates the reference information from the following report (contained in Appendix H to this SCEA):

- Sewer Capacity Availability Request (SCAR), 1123-1161 S. Main Street and 111 W. 12th Street, prepared by the Bureau of Engineering, dated May 23, 2019.

PROJECT-SPECIFIC IMPACTS

a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Less Than Significant Impact. A project would normally have a significant impact on surface water quality if stormwater discharges associated with the project would create pollution, contamination, or nuisance as defined in Section 13050 of the California Water Code (CWC) or that cause regulatory standards to be violated, as defined in the applicable National Pollution Discharge Elimination System (NPDES) stormwater permit or Water Quality Control Plan for the receiving body of water. A significant impact may occur if a project would discharge water which does not meet the quality standards of agencies which regulate surface water quality and water discharge into stormwater drainage systems. Significant impacts would also occur if a project does not comply with all applicable regulations with regard to surface water quality as governed by the State Water Resources Control Board (SWRCB) through its nine Regional Boards. The Project Site lies within the jurisdiction of the Los Angeles Regional Water Quality Control Board (RWQCB). Applicable regulations include the NPDES permitting system, LAMC Article 4.4, and the low impact development requirements, which reduces potential water quality impacts during the construction and operation of a project.

Construction Impacts

Three general sources of potential short-term, construction-related stormwater pollution associated with the Proposed Project are: 1) the handling, storage, and disposal of construction materials containing pollutants; 2) the maintenance and operation of construction equipment; and 3) earth moving activities which, when not controlled, may generate soil erosion via storm runoff or mechanical equipment.

Prior to issuance of a grading permit, the Applicant will be required to obtain coverage under the SWRCB's NPDES Construction General Permit. The Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of coverage under the Construction General Permit. A Storm Water Pollution Prevention Plan (SWPPP) would be required to be prepared and implemented for the Proposed Project in compliance with the requirements of the Construction General Permit. The SWPPP shall identify construction Best Management Practices (BMPs) to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in stormwater runoff as a result of construction activities.

The SWPPP would incorporate the required implementation of Best Management Practices (BMPs) for erosion control and other measures to meet the NPDES requirements for stormwater quality. Implementation of the BMPs identified in the SWPPP and compliance with the NPDES and City discharge requirements would ensure that the construction of the Proposed Project would not violate any water quality standards or discharge requirements, or otherwise substantially degrade water quality. Additionally, City of Los Angeles Ordinance No. 173,494 further sets procedures for stormwater pollution control for the planning and

construction of development and redevelopment projects. ***As such, the implementation of the code-required SWPPP and compliance with Ordinance No. 173,494 (see RCM-HYD-1 through RCM-HYD-4, below) would ensure that the Proposed Project's construction-related water quality impacts would be less than significant.***

Operational Impacts

The Project Site is currently developed with four commercial/retail buildings and surface parking. The Project Site is completely covered with impervious surfaces. Thus, 100 percent of the surface water runoff from the Project Site is directed to adjacent storm drains located along Main Street and 12th Street and does not percolate into the groundwater table beneath the Project Site.[68] The Proposed Project would remain 100 percent impervious under proposed conditions, and would therefore continue to generate surface water runoff, and runoff would be directed to existing stormwater inlets in a similar manner as existing conditions. The Proposed Project's potential impacts to surface water runoff would be reduced to a less than significant level by incorporating stormwater pollution control measures as set forth below that would regulate the amount and water quality of stormwater leaving the Project Site.

In November 2012, the Los Angeles adopted Order No. R4-2012-0175 the NPDES Stormwater Permit for the County of Los Angeles and cities within (NPDES No. CAS004001). The primary objectives of the stormwater program requirements are to: (1) effectively prohibit non-stormwater discharge; and (2) reduce the discharge of pollutants from stormwater conveyance systems to the maximum extent practicable statutory standard.

The Proposed Project would be required to comply with the City of Los Angeles Stormwater and Urban Runoff Pollution Control Ordinance (Ordinance No. 172,176, effectuated October 1998), which established LAMC Sections 64.70 through 64.70.13 and set the foundation for stormwater management in the City of Los Angeles. Since the adoption of the Stormwater and Urban Runoff Pollution Control Ordinance, many additional ordinances have passed to keep LAMC Article 4.4, Stormwater and Urban Runoff Pollution Control, up to date. Approved in October 2011, the Low Impact Development (LID) Ordinance (Ordinance No. 181,899) expanded LAMC Article 4.4 and expanded the applicability of the existing Standard Urban Stormwater Mitigation Plan (SUSMP) requirements by imposing rainwater low impact development strategies on projects that require building permits. LAMC Article 4.4, including LID requirements, was amended in August 2015 with the approval of Ordinance No. 183,833, which incorporates the requirements of the Municipal Separate Storm Sewer (MS4) Permit. The Proposed Project would be required to prepare a LID Plan and demonstrate compliance with the LID requirements and standards and retain or treat the first ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater.[69]

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[68] *City of Los Angeles, Bureau of Engineering, Navigate LA, website: http://navigatela.lacity.org/navigatela/, accessed February 2019.*

[69] *City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.*

The Proposed Project falls within the second tier of the LID Ordinance requirements, which state that development projects that involve non-residential uses or include five or more residential units and result in an alteration of at least 50 percent or more of the impervious surfaces on an existing developed site, the entire site must comply with the standards and requirements of Article 4.4 of Chapter VI of the LAMC and with the Development Best Management Practices Handbook. The Project Site shall be designed to manage and capture stormwater runoff to the maximum extent practicable utilizing various LID techniques, including but not limited to infiltration, evapotranspiration, capture for use, and treated through high removal efficiency bio-filtration / bio-treatment systems of all runoff on-site (listed in priority order). On-site stormwater management techniques must be designed so that no stormwater runoff leaving the Project Site for at least the volume of water produced by the Stormwater Quality Design Volume (SWQDv). Development and redevelopment projects are required to prepare a LID Plan, which comply with the provisions of the Development Best Management Practices Handbook. If partial or complete on-site compliance of any type is technically infeasible, the Project Site and LID Plan shall be required to manage the flow from the SWQDv on-site in order to maximize on-site compliance. For the remaining runoff that cannot feasibly be managed on-site, the Proposed Project would be required to implement off-site mitigation on public and/or private land within the same sub-watershed as defined by the MS4 Permit.[70] Compliance with the LID requirements would reduce the amount of surface water runoff leaving the Project Site as compared to existing conditions.[71]

In compliance with the LID Plan, prior to issuance of grading permits, the Applicant shall submit a LID Plan and design plans to the City of Los Angeles Department of Building and Safety and the Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan shall be prepared consistent with the requirements of the Development Best Management Practices Handbook. The BMPs shall be designed to retain or treat the runoff from a storm event producing ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event (whichever is greater), in accordance with the Planning and Land Development Handbook for Low Impact Development, Part B Planning Activities. A signed certificate from a licensed civil engineer or licensed architect confirming that the proposed BMPs meet the numerical threshold standard shall be provided.

To ensure that all stormwater related BMPs are constructed and/or installed in accordance with the approved LID Plan, the City of Los Angeles requires a Stormwater Observation Report to be submitted to the City prior to the issuance of the Certificate of Occupancy. All projects reviewed and approved would require a Stormwater Observation Report and would be prepared, signed, and stamped by the engineer of record responsible for the approved LID Plan. With approval

[70] *City of Los Angeles Ordinance No. 183,833, 2015.*

[71] *City of Los Angeles Ordinance No. 183,833, 2015.*

and issuance of a Certificate of Occupancy from LADBS, the Proposed Project would be determined to be in compliance with all applicable codes, ordinances, and other laws.[72]

Full compliance with the LID requirements and implementation of design-related BMPs would ensure that the operation of the Proposed Project would not violate any water quality standards or discharge requirements or otherwise substantially degrade water quality. ***Therefore, as the Proposed Project would be subject to the LID requirements and compliance procedures (see RCM-HYD-5, below), operational water quality impacts would be less than significant with code compliance.***

Regulatory Compliance Measures

RCM-HYD-1 **National Pollutant Discharge Elimination System General Permit.** Prior to issuance of a grading permit, the Applicant shall obtain coverage under the State Water Resources Control Board National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, National Pollutant Discharge Elimination System No. CAS000002) (Construction General Permit) for the Proposed Project. The Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of coverage under the Construction General Permit. A Storm Water Pollution Prevention Plan shall be prepared and implemented for the Proposed Project in compliance with the requirements of the Construction General Permit. The Storm Water Pollution Prevention Plan shall identify construction Best Management Practices to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in stormwater runoff as a result of construction activities.

RCM-HYD-2 **Stormwater Pollution (Demolition, Grading, and Construction Activities).** Sediment carries with it other work-site pollutants such as pesticides, cleaning solvents, cement wash, asphalt, and car fluids that are toxic to sea life.

- Leaks, drips and spills shall be cleaned up immediately to prevent contaminated soil on paved surfaces that can be washed away into the storm drains.
- All vehicle/equipment maintenance, repair, and washing shall be conducted away from storm drains. All major repairs shall be conducted off-site. Drip pans or drop clothes shall be used to catch drips and spills.
- Pavement shall not be hosed down at material spills. Dry cleanup methods shall be used whenever possible.

[72] *City of Los Angeles, Planning and Land Development Handbook for Low Impact Development (LID), Part B Planning Activities, 5th Edition, May 9, 2016.*

- Dumpsters shall be covered and maintained. Uncovered dumpsters shall be placed under a roof or be covered with tarps or plastic sheeting.

RCM-HYD-3 **Standard Urban Stormwater Mitigation Plan.** Prior to the issuance of a grading permit, the Project shall comply with the SUSMP and/or the Site Specific Mitigation Plan to mitigate stormwater pollution as required by Ordinance Nos. 172,176 and 173,494. The appropriate design and application of BMP devices and facilities shall be determined by the Watershed Protection Division of the Bureau of Sanitation, Department of Public Works.

RCM-HYD-4 **Low Impact Development Plan.** Prior to issuance of grading permits, the Applicant shall submit a Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan to the City of Los Angeles Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan shall be prepared consistent with the requirements of the Development Best Management Practices Handbook.

RCM-HYD-5 **Best Management Practices.** The Best Management Practices shall be designed to retain or treat the runoff from a storm event producing 0.75 inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater, in accordance with the Development Best Management Practices Handbook Part B Planning Activities. A signed certificate from a licensed civil engineer or licensed architect confirming that the proposed Best Management Practices meet this numerical threshold standard shall be provided.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less Than Significant Impact. A project would normally have a significant impact on groundwater level if it would change potable water levels sufficiently to: (a) reduce the ability of a water utility to use the groundwater basin for public water supplies, conjunctive use purposes, storage of imported water, summer/winter peaking, or respond to emergencies and drought; (b) reduce yields of adjacent wells or well fields (public or private); (c) adversely change the rate or direction of flow of groundwater; or (d) result in demonstrable and sustained reduction in groundwater recharge capacity. As discussed in Question X(a), the Project Site is 100 percent impervious, and would remain 100 percent impervious under proposed conditions. As such, 100 percent of the surface water runoff from the Project Site is directed to adjacent storm drains and does not percolate into the groundwater table beneath the Project Site.

According to the Geotechnical Report (Appendix E.1 to this SCEA), groundwater was not encountered during exploration, conducted to a maximum depth of 60 feet below the existing grade. The historically highest groundwater level is at a depth of 115 feet below the ground

surface.[73] The Proposed Project does not propose any subterranean levels. Because the depth of groundwater is sufficiently lower than the depth of proposed excavation, construction of the Proposed Project would not deplete groundwater supplies or interfere substantially with groundwater recharge. Additionally, adherence to Article 4.4 of the LAMC would ensure that the Proposed Project would not interfere with groundwater recharge. ***Therefore, the Proposed Project would not deplete groundwater supplies, and impacts to the groundwater would be less than significant.***

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i. Result in substantial erosion or siltation on- or off-site;

Less Than Significant Impact. A project would normally have a significant impact on surface water hydrology if it would result in a permanent, adverse change to the movement of surface water sufficient to produce a substantial change in the current or direction of water flow that would result in a substantial increase in erosion or siltation during construction or operation of the project. The Project Site is located in a highly urbanized area within the City of Los Angeles, and no streams or river courses are located on the Project vicinity. The Proposed Project is an infill development project on a site that is currently fully developed and is 100% impervious. Implementation of the Proposed Project would not increase site runoff or result in any changes in the local drainage patterns, since implementation of the LID Plan would reduce the amount of surface water runoff after storm events. As discussed above, the Applicant shall provide the Waste Discharge Identification Number to the City of Los Angeles to demonstrate proof of coverage under the Construction General Permit. A SWPPP would be prepared and implemented in compliance with the requirements of the Construction General Permit and will identify construction BMPs to control erosion and siltation during construction activities. For Project operations, the Project Site would be 100 percent impervious and surface water runoff would be directed to existing storm drain infrastructure. Surface water runoff would be controlled through site design and engineering practices in accordance with the City of Los Angeles Stormwater and Urban Runoff Pollution Control Ordinance (Ordinance No. 172,176) and the LID Ordinance (Ordinance No. 181,899), which would ensure the developed site does not contribute to substantial erosion or siltation off-site. ***As such, impacts to erosion or siltation would be less than significant. Impacts associated with localized drainage and surface water runoff would therefore be considered less than significant.***

ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;

Less Than Significant Impact. As stated above in response to Checklist Questions X(a) and (i), the Project Site is 100 percent impervious and would remain 100 percent impervious under proposed conditions. Surface water runoff under proposed conditions would comply with the City's LID Ordinance (Ordinance No. 181,899). Compliance with the LID Ordinance would

[73] *Geotechnologies, Inc., Soils and Geology Issues, Proposed Mixed-Use Tower, 1123 through 1161 South Main Street, Los Angeles, California, January 6, 2020. (See Appendix E.1 of this SCEA).*

ensure the Project Site is developed with BMPs designed to retain or treat the runoff from a storm event producing ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event (whichever is greater). As such, the volume of post-development surface water runoff would be reduced with the Proposed Project as compared to the existing conditions. ***Therefore, the Proposed Project would not increase the rate or amount of surface runoff in a manner which would result in flooding on-or off-site and impacts associated with the potential for off-site flooding would be less than significant.***

iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

Less Than Significant Impact. A significant impact may occur if the volume of stormwater runoff from the Project Site were to increase to a level which exceeds the capacity of the storm drain system serving the Project Site. A project-related significant adverse effect would also occur if the Proposed Project would substantially increase the probability that polluted runoff would reach the storm drain system.

As addressed above, the Project Site is completely developed with impervious surfaces and 100 percent of surface water runoff is directed to adjacent street storm drains. Surface water flows from the Project Site currently drain into a 36-inch reinforced concrete pipe running beneath 11th Street with catch basins at the corner of 11th Street and Main Street and the corner of 12th Street and Main Street. Following the development of the Proposed Project, runoff from the Project Site would be collected on the Project Site and directed towards existing storm drains in the Project vicinity that have adequate capacity. As discussed in response to Checklist Question X(c)(iii), above, compliance with the City's LID Ordinance would ensure the volume of post-development surface water runoff is reduced under the Proposed Project as compared to the existing conditions. Compliance with the LID Ordinance would also ensure BMPs are implemented to treat the quality of surface water runoff before being discharged into the stormdrain system. ***Therefore, the Proposed Project would not create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff and impacts would be less than significant.***

iv. Impede or redirect flood flows?

No Impact. A significant impact may occur if the Project was located within a 100-year flood zone, which would impede or redirect flood flows. The Project Site is not in an area designated as a 100-year flood hazard area as mapped by the FEMA's Flood Insurance Rate Map. The Project Site is in a zone designated as Zone X, which signifies that the area is outside the 0.2% annual chance floodplain.[74] ***The Project Site is an infill site and is located in an urbanized area. As no changes to the local drainage pattern would occur with implementation of the***

[74] *Federal Emergency Management Agency (FEMA), Flood Map Service Center: Search by Address, Map Number 06037C1617G, December 21, 2018, website: https://msc.fema.gov/portal/, accessed February 2019.*

Proposed Project, the Proposed Project would not have the potential to impede or redirect floodwater flows, and no impact would occur.

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less Than Significant Impact. The Geotechnical Investigation states that the Project Site does not lie within the mapped tsunami inundation boundaries. Therefore, the potential for tsunamis to adversely impact the Project Site is considered low. Per the County of Los Angeles Floor and Inundation Hazards Map (Leighton, 1990), the Project Site lies within the potential mapped inundation boundaries of the Hansen and Sepulveda Reservoirs, should the dam retaining these reservoirs fail during a seismic event.[75] However, the California Division of Safety of Dams and the U.S. Army Corps of Engineers monitor these reservoirs to guard against the threat of dam failure. Therefore, the potential for the reservoirs to fail during a seismic event is considered low. The development of the Proposed Project would not expose people or structures to a significant risk of loss, injury, or death involving inundation by seiche, tsunami, or mudflow. ***Therefore, development of the Proposed Project would not expose people or structures to a significant risk of loss, injury, or death involving inundation by seiche, tsunami, or mudflow and impacts would be less than significant impact.***

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less Than Significant Impact. As specified above, the Proposed Project would comply with LAMC Chapter VI, Article 4.4, Stormwater and Urban Runoff Pollution Control and would be required to obtain coverage under the NPDES General Construction Activity Permit. In addition, the Proposed Project would not adversely impact a groundwater management plan because the Proposed Project would be developed with BMPs in compliance with the NPDES to reduce surface water runoff and would not otherwise impede groundwater replenishment in the basin. As discussed above, the Proposed Project would comply with the City's NPDES General Construction Activity Permit during construction and designed in conformance with the City's LID Ordinance for new development. ***Therefore, neither construction nor operation of the Proposed Project would conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan, and a less than significant impact would occur.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in combination with the related projects would result in the further infilling of uses in an already dense urbanized area. As discussed above, the Project Site and the surrounding area is served by the existing City storm drain system. Runoff from the development sites and adjacent urban uses is typically directed into the adjacent streets, where it flows to the nearest drainage improvements. It is

[75] *Geotechnologies, Inc., Soils and Geology Issues, Proposed Mixed-Use Tower, 1123 through 1161 South Main Street, Los Angeles, California, dated January 6, 2020.*

likely that most, if not all, of the related projects would also drain to the surrounding street system. However, little if any additional cumulative runoff is expected from the Project Site or the related project sites, since this part of the City is already fully developed with impervious surfaces and each project would be subject to the LID Ordinance, which would result in a reduction of surface water flows entering the storm drain as compared to existing conditions.

The Proposed Project and each related project would be required to implement a SWPPP and/or SUSMP. Under the requirements of the LID Ordinance, each related project will be required to implement stormwater BMPs to retain or treat the runoff from a storm event producing ¾ inch of rainfall in a 24-hour period. Mandatory structural BMPs in accordance with the NPDES water quality program will therefore result in a cumulative reduction to surface water runoff, as the development in the surrounding area is limited to infill developments and redevelopment of existing urbanized areas. Therefore, the Proposed Project would not make a cumulative contribution to impacting the volume or quality of surface water runoff, and cumulative impacts to the existing or planned stormwater drainage systems would be less than significant. ***Thus, cumulative water quality impacts would be less than significant.***

XI. Land Use and Planning

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Physically divide an established community?	☐	☐	☐	☒
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

PROJECT-SPECIFIC IMPACTS

a) Physically divide an established community?

No Impact. A significant impact may occur if the Proposed Project would be sufficiently large enough or otherwise configured in such a way as to create a physical barrier within an established community. The determination of significance shall be made on a case-by-case basis considering the following factors: (a) the extent of the area that would be impacted, the nature and degree of impacts, and the types of land uses within that area; (b) the extent to which existing neighborhoods, communities, or land uses would be disrupted, divided or isolated, and the duration of the disruptions; and (c) the number, degree, and type of secondary impacts to surrounding land uses that could result from implementation of the Proposed Project.

The proposed Project Site is located within an urbanized area of the City of Los Angeles and is consistent with the existing physical arrangement of the properties within the vicinity of the Project Site. No separation of uses or disruption of access between land use types would occur as a result of the Proposed Project. The Proposed Project would replace four commercial/retail buildings and surface parking lot with a 30-story mixed-use residential and commercial building. The surrounding land uses include a mix of commercial, office, light industrial, and mixed-use residential and commercial buildings. A mixed-use residential and commercial development is also planned adjacent to the Project Site, across Main Street. Thus, the Project vicinity contains mixed-use residential and commercial developments similar to the Proposed Project. No separations of uses or disruption of access between land use types would occur as a result of the Proposed Project. **Accordingly, implementation of the Proposed Project would not disrupt or divide the physical arrangement of the established community, and no impact would occur.**

b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. A significant impact may occur if a project is inconsistent with the General Plan or zoning designations currently applicable to the Project Site, and would cause adverse environmental effects, which the General Plan and zoning ordinance are designed to avoid or mitigate. At the regional level, the Project Site is located within the planning area of SCAG, the Southern California region's federally designated metropolitan planning organization. The Proposed Project is also located within the South Coast Air Basin and, therefore, is within the jurisdiction of the SCAQMD.

At the local level, the Project Site is located within several planning policy areas that have been adopted for the purposes of incentivizing development and/or providing specific development standards that are appropriate for the Project area. Namely, these plans and policy areas include the following: Central City Community Plan area, the City Center Redevelopment Project area, the Greater Downtown Housing Incentive Area, the Central City Parking Exception area, the Downtown Parking District, the Downtown Adaptive Reuse Incentive Area, and the Los Angeles State Enterprise Zone. The Project Site is also within a TPA pursuant to SB 743 and noted in the City of Los Angeles' Zoning Information File No. 2452.[76] These documents guide development at the Project Site.

Regional Plans

SCAQMD Air Quality Management Plan

The Proposed Project is located within the South Coast Air Basin (Basin) and, therefore, falls under the jurisdiction of the SCAQMD. In conjunction with SCAG, the SCAQMD is responsible for formulating and implementing air pollution control strategies. The SCAQMD's most recent Air Quality Management Plan (AQMP) was updated in 2017 to establish a comprehensive air pollution control program leading to the attainment of State and federal air quality standards in the Basin, which is a non-attainment area. The Proposed Project conforms to the zoning and land use designations for the Project Site as identified in the General Plan, and, as such, would not add emissions to the Basin that were not already accounted for in the approved AQMP. Furthermore, as noted in Section III, Air Quality, the Proposed Project would not exceed the daily emission thresholds during the construction or operational phases of the Proposed Project. Therefore, the Proposed Project would be consistent with the AQMP.

SCAG Regional Comprehensive Plan and Guide

As discussed in Checklist Question VIII, GHG, above, the Project Site is located within the six-county region that comprises the SCAG planning area. As part of the State's mandate to reduce

[76] *City of Los Angeles, Department of City Planning, Zoning Information File, ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, website: http://zimas.lacity.org/, accessed February 2019.*

per-capita GHG emissions from automobiles and light trucks, Connect SoCal presents strategies and tools that are consistent with local jurisdictions' land use policies and incorporate best practices for achieving the state-mandated reductions in GHG emissions at the regional level through reduced per-capita VMT. These strategies identify how the SCAG region can implement Connect SoCal and achieve related GHG reductions. The following strategies are intended to be supportive of implementing the regional SCS: 1) focus growth near destinations and mobility options; 2) promote diverse housing options; 3) leverage technology innovations; 4) support implementation of sustainability policies; and 5) promote a green region.

The Proposed Project would be consistent with the goals and policies set forth in Connect SoCal, as the Proposed Project would redevelop a site that is currently developed with four commercial/retail buildings and would include the construction of a high-rise mixed-use residential and commercial building. The Proposed Project would thereby increase the utilization of a property that is easily accessible by mass transit. Consistent with SCAG goals, the Proposed Project would increase residential and commercial opportunities within a High Quality Transit Area (HQTA). Furthermore, as the Proposed Project would add 363 residential units and 12,500 square feet of commercial land uses to the community, generating a net increase of approximately 875 new residents and approximately 33 new employees,[77] the Proposed Project would be consistent with SCAG's future growth projections for the City of Los Angeles. As discussed in greater detail in Section XVII, Transportation below, the Proposed Project's VMT impact would be below LADOT's significance threshold for household and work related VMT. As such the Proposed Project's would result in a less than significant regional VMT impact.

Local Plans

City of Los Angeles General Plan

The Proposed Project would conform to objectives outlined in the City of Los Angeles General Plan (General Plan). The General Plan is a comprehensive, long-range declaration of purposes, policies and programs for the development of the City. The General Plan is a dynamic document consisting of 11 elements: Framework Element, Air Quality Element, Conservation Element, Housing Element, Noise Element, Open Space Element, Service Systems Element / Public Recreation Plan, Safety Element, Mobility Element, a Plan for a Healthy Los Angeles, and the Land Use Element. The Land Use Element is comprised of 35 community plans.[78]

The Elements that would be most applicable to the Proposed Project are the Framework Element, the Mobility Plan, the Housing Element, and the Land Use Element. The Project Site is currently zoned C2-4D-O. The C2 zoning designation corresponds with the existing Regional Center Commercial Land Use Designation on-site. The C2 zone allows for commercial uses, including the Proposed Project's residential and commercial uses. The Project Site and neighboring properties are in a portion of the community plan, which accommodates multi-family

[78] *City of Los Angeles Department of City Planning, General Plan Elements, website: https://planning.lacity.org/GP_elements.html, accessed March 2019.*

residential and commercial uses. The Proposed Project has been designed to comply with all applicable General Plan and zoning designations. The following section provides a consistency analysis of the Proposed Project with the Framework Element, Mobility Plan, Housing Element, and the Land Use Element.

General Plan Framework Element

The General Plan's Framework Element provides citywide guidelines and a foundation upon which Community Plans and other General Plan Elements can base their more specific goals, objectives, and policies. The General Plan's Framework Element was adopted on December 11, 1996 and re-adopted on August 8, 2001. The Framework Element and the City's community plans discuss population, housing and employment to the year 2010. The Framework Element identifies a projected population of 4.3 million people living in 1,566,108 housing units. The Citywide General Plan Framework and the Central City Community Plan provide growth projections and CPA capacity, respectively, for the year 2010. The General Plan Framework Element provides a 2010 projection of 27,029 persons, 16,457 households, and 61,500 additional jobs. The Central City Community Plan anticipated a population and dwelling unit capacity of 27,212 persons and 14,398 dwelling units, respectively. The Central City Community Plan recognizes that the Community Plan Area (CPA) may grow that population, jobs, and housing could grow more quickly, or slowly, than anticipated depending on economic trends.

The Proposed Project is in substantial conformity with the purposes, intent and provisions of the General Plan Framework Element, and the applicable Community Plan by providing a smart growth oriented, dense urban project where such growth is best accommodated based on its proximity to mass transit, which is discussed in more detail in Table 6.12, below. More specifically, the Proposed Project is consistent with the Los Angeles General Plan Land Use Element, which consists of the 35 Community Plan Area plans, of which the property is in the City Center Community Plan. Consistency with the Community Plan is further demonstrated below in Table 6.12.

Table 6.12
Project Consistency with Applicable Objectives and Policies of the Framework Element

Objective / Policy	Project Consistency Analysis
Land Use Chapter	
Goal 3A: A physically balanced distribution of land uses that contributes towards and facilitates the City's long-term fiscal and economic viability, revitalization of economically depressed areas, conservation of existing residential neighborhoods, equitable distribution of public resources, conservation of natural resources, provision of adequate infrastructure and public services, reduction of traffic congestion and improvement of air quality, enhancement of recreation and open space opportunities, assurance of environmental	**Consistent.** The Proposed Project would include a 30-story mixed-use residential and commercial building that would front the commercial corridors along Main Street and 12th Street. The Proposed Project would provide new commercial/retail uses and employment opportunities as well as potential customers to the surrounding existing businesses, which helps improve the competitiveness of the commercial area. Thus, the Proposed Project would support this objective. Further, compliance with regulatory compliance measures would ensure that the building maintains a safe, clean, attractive and lively environment during the Project's construction and operation.

Objective / Policy	Project Consistency Analysis
justice and a healthful living environment, and achievement of the vision for a more livable city.	
Objective 3.1: Accommodate a diversity of uses that support the needs of the City's existing and future residents, businesses, and visitors.	**Consistent.** The Proposed Project would include a variety of uses including multi-family residential and ground-floor commercial which would provide new opportunities for new businesses or the expansion or relocation of existing businesses; thus, increasing business opportunities and economy of Downtown.
Policy 3.1.2: Allow for the provision of sufficient public infrastructure and services to support the projected needs of the City's population and businesses.	**Consistent.** The Proposed Project is located on an infill lot that is already adequately served by public infrastructure. The Project Site is readily accessed via Main Street and 12th Street and is adequately supported by utilities (including water service, sewer service, electrical, and natural gas), and public services (such as police, fire, schools, and recreation/parks).(see Appendix H, Utilities and Service Provider Response Letters).
Objective 3.2: Provide for the spatial distribution of development that promotes an improved quality of life by facilitating a reduction of vehicular trips, vehicle miles traveled, and air pollution.	**Consistent.** The Project Site is located in a Transit Priority Area as defined by CEQA. Additionally, the Proposed Project would develop new residential and commercial uses in walking distance to numerous services, retail, and employment opportunities. Additionally, the Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. The location of the Proposed Project encourages a variety of transportation options, such as walking and biking. Thus, the location of the Proposed Project would reduce vehicles-per-miles traveled, promote alternatives to driving, and aim to improve air quality.
Policy 3.2.2: Establish, through the Framework Long-Range Land Use Diagram, community plans, and other implementing tools, patterns and types of development that improve the integration of housing with commercial uses and the integration of public services and carious densities of residential development within neighborhoods at appropriate locations.	**Consistent.** The Proposed Project includes the development of a mixed-used building consisting of multi-family residential units and commercial space. The Proposed Project incorporates aspects of a compact development by providing the proposed development on a previously developed commercial lot. The Proposed Project would provide ground-floor commercial space, which would serve the neighborhood and community.
Policy 3.2.3: Provide for the development of land use patterns that emphasize pedestrian/bicycle access and use appropriate locations.	**Consistent.** The Proposed Project would encourage improved access and mobility by providing a mix of residential and commercial uses on a single site. The on-site commercial uses would provide employment and patronage opportunities within walking distance of on-site residents and the nearby multi-family residential developments. In addition, the Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. The location of the Proposed Project promotes the use of a variety of transportation options, including 195 on-site bicycle parking spaces, which includes walking, biking, and the use of public transportation.
Objective 3.3: Accommodate projected population and employment growth within the City and each community plan area and plan for the provision of adequate supporting transportation and utility infrastructure and public services.	**Consistent.** The Proposed Project's population and employment growth would be well within the projected population and employment growth in SCAG's Connect SoCal for the City of Los Angeles, which is further discussed in Section XIV, Population and Housing. Additionally, the Proposed Project would promote a

Objective / Policy	Project Consistency Analysis
	pedestrian-oriented environment with options for public transportation. The Proposed Project would also include utility infrastructure and would update any infrastructure improvements, if necessary. Further, the Proposed Project would be subject to the site plan review requirements of the LAFD and the LAPD to ensure that all access roads, driveways and parking areas would remain accessible to emergency service vehicles and to ensure pedestrian safety.
Policy 3.3.4: Provide for the siting and design of new development that maintains the prevailing scale and character of the City's stable residential neighborhoods and enhance the character of commercial and industrial districts.	**Consistent.** The Proposed Project would replace the existing commercial land uses with the development of a high-rise mixed-use residential and commercial building on a Project Site zoned C2-4D-O and has a General Plan land use designation of "Regional Center Commercial." The C2 zone allows for the proposed multi-family uses and commercial uses. The Proposed Project would develop a mixed-use development that would be visually compatible with the surrounding light industrial, commercial, residential, and office uses. Therefore, the Proposed Project would enhance the character of the surrounding mixed uses and be consistent with this policy.
Objective 3.4: Encourage new multi-family residential, retail commercial, and office development in the City's neighborhood districts, community, regional, and downtown centers as well as along primary transit corridors/boulevards, while at the same time conserving existing neighborhoods and related districts.	**Consistent.** As stated above, the Proposed Project includes the development of a mixed-use project, which would provide residents in close proximity to employment and patronage opportunities. Further, the Proposed Project is within walking distance of services, retail stores, and employment opportunities in the Downtown Los Angeles area. The commercial uses on-site would further support the pedestrian activity along Main Street and 12th Street by providing ground-floor commercial uses that would front these major commercial corridors.
Policy 3.4.1: Conserve existing stable residential neighborhoods and lower-intensity commercial districts and encourage the majority of new commercial and mixed-use (integrated commercial and residential) development to be located (a) in a network of neighborhood districts, community, regional, and downtown centers, and (b) in proximity to rail and bus transit stations and corridors, and (c) along the City's major boulevard, referred to as districts, centers, and mixed-use boulevard, in accordance with the Framework Long-Range Land Use Diagram.	**Consistent.** As stated above, the Proposed Project includes the development of a mixed-use project, which would provide residents in close proximity to employment and patronage opportunities. Further, the Proposed Project is within walking distance of services, retail stores, and employment opportunities in the Downtown Los Angeles area. The commercial uses on-site would further support the pedestrian activity along Main Street and 12th Street by providing ground-floor commercial uses that would front these major commercial corridors, which is characterized by a mix of office, entertainment, retail, and residential uses.
Goal 3C: Multi-family neighborhoods that enhance the quality of life for the City's existing and future residents.	**Consistent.** The Proposed Project would include multi-family residential units that would be available at market rate. Thus, the Proposed Project would be consistent with this goal.
Policy 3.7.4: Improve the quality of new multi-family dwelling units based on the Standards in Chapter 5 Urban Form and Neighborhood Design Chapter of this Element.	**Consistent.** The Proposed Project would redevelop a site that is currently occupied by four commercial/retail buildings with a mixed-use development including 363 residential units. The Proposed Project would be attractively designed and landscaped in accordance with the design guidelines of the Downtown Design Guide. The Standards in Chapter 5 include placing housing over ground floor storefronts along

Objective / Policy	Project Consistency Analysis
	mixed-use corridors, which the Proposed Project is consistent with. The Proposed Project also places housing in close proximity to centers, corridors, and fixed transit, as recommended within the Chapter 5 Standards. Compliance with all applicable building code requirements would further ensure that the building maintains a safe, clean, and attractive environment during the Proposed Project's construction and operation.
Goal 3D: Pedestrian-oriented districts that provide local identity, commercial activity, and support Los Angeles' neighborhoods.	**Consistent.** The Proposed Project would promote a pedestrian-oriented environment by providing active commercial uses and multi-family residences with future residents would provide new foot traffic for the surrounding retail, restaurant, and commercial uses. The building's design and would enhance pedestrian activity in the area, especially within the downtown Los Angeles area.
Policy 3.8.4: Enhance pedestrian activity by the design and siting of structures in accordance with Chapter 5 Urban Form and Neighborhood Design policies of this Element and Pedestrian-Oriented District Policies.	**Consistent.** As discussed above, the Proposed Project would promote a pedestrian-oriented environment by providing active uses that would front Main Street and 12th Street. Coordination with the Department of City Planning would ensure the Proposed Project would be attractively designed and landscaped.
Goal 3F: Mixed-use centers that provide jobs, entertainment, culture, and serve the region.	**Consistent.** The Proposed Project would provide ground-floor commercial/retail spaces that would provide future and existing residents with job opportunities, additional entertainment, and culture.
Objective 3.10: Reinforce existing and encourage the development of new regional centers that accommodate a broad range of uses that serve, provide job opportunities, and are accessible to the region, are compatible with adjacent land uses, and are developed to enhance urban lifestyles.	**Consistent.** The Project Site is currently zoned C2-4D-O with a Regional Center Commercial General Plan land use designation. The Proposed Project would provide commercial uses, including commercial/retail spaces that would provide future and existing residents with job opportunities. Thus, the proposed uses are consistent with the zoning and land use designations. Additionally, the new residents would provide new foot traffic for surrounding business, conventions, trade shows, and tourism. Further, the Proposed Project's commercial uses would support visitors to Downtown. The Proposed Project would be compatible with the character of the surrounding districts and foster new business and employment opportunities and potential customers, which helps improve the competitiveness of the Downtown commercial area.
Goal 4A: An equitable distribution of housing opportunities by type and cost accessible to all residents of the City.	**Consistent.** The Proposed Project's dwelling units would be of different sizes and configurations (studios, one-bedroom, two-bedroom, and three-bedroom units) and would be available at range of market rates. The Proposed Project would increase the housing choices available in Downtown Los Angeles. The additional 363 units will increase the housing supply in Downtown Los Angeles and help reduce upward pressure on housing costs.
Objective 4.2: Encourage the location of new multi-family housing development to occur in proximity to transit stations, along some transit corridors, and within some high activity areas with adequate transitions and buffers between higher-density developments and surrounding lower-density residential neighborhoods.	**Consistent.** The Proposed Project would provide 363 multi-family residential units in a Transit Priority Area and in a highly urbanized area of Downtown Los Angeles. The Proposed Project would be within walking distance to numerous services, retail, and employment opportunities. Additionally, the Project Site is in close proximity to many public transportation options, including bus and subway

Objective / Policy	Project Consistency Analysis
	lines. Additionally, the Proposed Project would not encroach on any existing lower-density residential neighborhoods.
Objective 5.2: Encourage future development in centers and in nodes along corridors that are served by transit and are already functioning as centers for the surrounding neighborhoods, the community or the region.	**Consistent.** The Proposed Project's mixed-use design and location encourages the use of alternative transportation and walking and bicycling opportunities. Additionally, the Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. The Project Site is located in the highly urbanized Downtown Los Angeles area and is surrounded by a mix of retail, commercial, and entertainment services.
Objective 5.8: Reinforce or encourage the establishment of a strong pedestrian orientation in designated neighborhood districts, community centers, and pedestrian-oriented subareas within regional centers, so that these districts and centers can serve as a focus of activity for the surrounding community and a focus for investment in the community.	**Consistent.** As discussed above, the Proposed Project is an infill development in a Transit Priority Area (defined by CEQA) and is within a major employment center. The Proposed Project would place residential units and ground-floor commercial space in a transit-rich and pedestrian-oriented area. Additionally, the Project Site is located within numerous bus routes with peak commute service intervals of 15 minutes or less. The Project Site's location near mass transit and in walking distance to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. The location of the Proposed Project promotes the use of a variety of transportation options, which includes walking, biking, and the use of public transportation.
Goal 7G: A range of housing opportunities is sufficient, in terms of location, concentration, type, size, price/rent range, access to local services and access to transportation, to accommodate future population growth and to enable a reasonable portion of the City's work force to both live and work in the City.	**Consistent.** The Proposed Project's dwelling units would be of different sizes and configurations (studios, one-bedroom, two-bedroom units, and three-bedroom units) and would be available at range of market rates. The Proposed Project would increase the housing choices available in Downtown Los Angeles. The additional units will increase supply and help reduce upward pressure on housing costs. Additionally, the Proposed Project's mixed-use design would allow future residents the opportunity to work on-site. Further, the Proposed Project's close proximity to public transportation would allow residents to live and work in the City.
Objective 7.2: Establish a balance of land uses that provides for commercial and industrial development which meets the needs of local residents, sustains economic growth, and assures maximum feasible environmental quality. **Policy 7.2.3:** Encourage new commercial development in proximity to rail and bus transit corridors and stations.	**Consistent.** The Proposed Project would redevelop a site that is currently occupied by four commercial/retail buildings with the development of a high-rise mixed-use residential and commercial building, which would provide new commercial space for businesspersons in Los Angeles for the existing surrounding community. The Project Site is also directly served by multiple buses (refer to Section II, Project Description for description of public transportation serving the Project Site). The Proposed Project would implement the following features to reduce energy demands and assure maximum environmental quality: proximity to mass transit, in-fill smart growth, and resource conservation. The Proposed Project would also implement project design features, regulatory compliance measures, and mitigation measures as applicable to assure maximum feasible environmental quality.
Source: City of Los Angeles Department of City Planning, Framework Element, December 11, 1996.	

Mobility Plan 2035 of the General Plan

The Mobility Plan 2035 ("Mobility Plan") of the City of Los Angeles General Plan, amendment adopted September 7, 2016, is designed to provide a policy foundation for the transportation system within the City of Los Angeles. There are five goals of the Mobility Plan that define the City's high-level mobility priorities and include: safety first; world class infrastructure; access for all Angelenos; collaboration, communication and informed choices; and clean environments and healthy communities. The Mobility Plan contains several objectives pertinent to the Proposed Project, which are identified as follows:

- Increase the number of adults and children who receive in-person active transportation safety education, in areas with the highest rates of collisions, by 10% annually;
- Ensure that 80% of street segments do not exceed targeted operating speeds by 2035;
- Ensure that 90% of households are have access within one mile to the Transit Enhanced Network by 2035;
- Ensure that 90% of all households have access within one-half mile to high quality bicycling facilities by 2035; and
- Increase the combined mode split of persons who travel by walking, bicycling or transit to 50% by 2035.

The Mobility Plan 2035 identifies corridors proposed to receive improved bicycle, pedestrian, and vehicle infrastructure improvements. Tier 1 Protected Bicycle Lanes are bicycle facilities that are separated from vehicular traffic. Tier 2 and Tier 3 Bicycle Lanes are facilities on roadways with striped separation. Tier 2 Bicycle Lanes are those more likely to be built by 2035. The Mobility Plan 2035 identifies Main Street as part of the Bicycle Lane Network. Main Street is classified as a Tier 1 Protected Bicycle Lane. Additionally, 11th Street is located approximately 180 feet north of the Project Site and is also classified as a Tier 1 Protected Bicycle Lane.

The Neighborhood Enhanced Network is the network of locally-serving streets planned to contain traffic calming measures that close the gaps between streets with bicycle facilities. Several streets in the study area are included within the planned Neighborhood Enhanced Network, including Hill Street, 11th Street, and Pico Boulevard. The study area generally has a mature network of pedestrian facilities including sidewalks, crosswalks and pedestrian safety features. Approximately 8- to 18-foot sidewalks are provided throughout the study area. With respect to the Mobility Plan's stated objectives, the Proposed Project would increase households within one mile to the Transit Enhanced Network, provide housing within one-half mile to high quality bicycling facilities, and increase the combined mode split of persons who travel by walking, bicycling or transit. As shown in Table 6.13, the Proposed Project would promote the goals of the Housing Element and the Mobility Plan. As such, the Proposed Project would be consistent with the Mobility Plan.

Table 6.13
Project Consistency Analysis with Applicable Goals of the Mobility Plan

City of Los Angeles General Plan Goals	Project Consistency Analysis
Mobility Plan Key Goals	
(1) Safety First: Crashes, speed, protection, security, safety education, and enforcement.	**Consistent.** The Proposed Project would not include unusual or hazardous design features. The Project Site is generally pedestrian-oriented. Primary vehicular access for the mixed-use building would be provided via a full-access driveway along Main Street and the adjacent alleyway. Additional entrance-only and exit-only driveways would also be located along the adjacent alleyway. The Proposed Project does not include any hazardous design features, which could impede emergency access. The Proposed Project would be subject to the site plan review requirements of the LAFD and the LAPD to ensure that all access roads, driveways and parking areas would remain accessible to emergency service vehicles and to ensure pedestrian safety. Therefore, the Proposed Project would not substantially increase hazards due to design features, or incompatible uses, and would not hinder this goal.
(2) World Class Infrastructure: Design, Complete Streets Network (walking, bicycling, transit, vehicles, goods movement), Bridges, Highways, Smart Investments.	**Consistent.** This goal is directed toward City goals and is not specifically applicable to the Proposed Project. Nonetheless, the Project Site's location near mass transit, walking distance to services, retail stores, and employment opportunities, and the availability of bike parking located on the Project Site promotes a variety of transportation options. Thus, the Proposed Project would promote this goal.
(3) Access for All Angelenos: Affordability, vulnerable users, land use, operations, reliability, demand management, community connections.	**Consistent.** The Project Site is located in a highly urbanized area of Downtown Los Angeles within a TPA. The Proposed Project would develop new residential and commercial uses in walking distance to numerous services, retail, and employment opportunities. Additionally, the Project Site is located within ½ mile of numerous bus routes with peak commute service intervals of 15 minutes or less. The location of the Proposed Project encourages a variety of transportation options and access and is therefore consistent with this goal.

(4) Clean Environments and Healthy Communities Environment, public health, clean air, clean fuels and fleets.	**Consistent.** The Proposed Project is an infill development within a TPA and is within a major employment center. The location of the Proposed Project promotes the use of a variety of transportation options, which includes walking, biking and the use of public transportation. As discussed further in Sections III. Air Quality and VIII. Greenhouse Gas Emissions, operational emissions and greenhouse gas emissions generated by the Proposed Project's construction and operational activities would not exceed the regional thresholds of significance set by the SCAQMD and therefore, the Proposed Project would be consistent with this goal.
Sources: City of Los Angeles General Plan Elements, Mobility Plan 2035. *Parker Environmental Consultants, 2019.*	

General Plan Housing Element

The Proposed Project's general consistency with the applicable objectives and policies that support the goals set forth in the Housing Element is discussed in detail in Table 6.14, below. The Proposed Project would be generally consistent with the applicable objectives and policies in the Housing Element. The Project would provide 363 new residential units that would add to the Citywide housing supply. The Proposed Project would be a mixed-use development that would include new jobs associated with retail and restaurant uses that would be accessible to Metro local and rapid bus lines. In addition, the Proposed Project would promote and facilitate reduction of water consumption through the use of water saving and energy saving devices such as low-flow plumbing and fixtures. Finally, the Proposed Project would be an infill development within close proximity to many services, job opportunities, and public transit. Therefore, the Proposed Project would not conflict with applicable goals, policies, and objectives of the Los Angeles General Plan Housing Element.

Table 6.14
Project Consistency Analysis with Applicable Goals of the Housing Element

City of Los Angeles General Plan Goals	Project Consistency Analysis
Housing Element Goals	
a) A City where housing production and preservation result in an adequate supply of ownership and rental housing that is safe, healthy and affordable to people of all income levels, races, ages, and suitable for their various needs.	**Consistent.** The Proposed Project would increase the housing stock in Downtown Los Angeles by providing safe, attractive, and centrally located studios, one-bedroom, two-bedroom, and three-bedroom residential dwelling units. The proposed 363 residential units would be available to all persons without discrimination. Thus, the Proposed Project is contributing to the range of housing choices available in Downtown Los Angeles and is therefore consistent with this goal.

b) A City in which housing helps to create safe, livable and sustainable neighborhoods.	**Consistent.** The Proposed Project would redevelop a site that is currently occupied by four commercial/retail buildings. The Proposed Project would be attractively designed and landscaped in accordance with the design guidelines of the Downtown Design Guide. Compliance with all applicable building code requirements would further ensure that the building maintains a safe, clean, and attractive environment during the Project's construction and operation. As such, the Proposed Project would prevent the spread of blight and deterioration by redeveloping an underutilized site. The Proposed Project is therefore consistent with this goal.
c) A City where there are housing opportunities for all without discrimination.	**Consistent.** The Proposed Project would provide a variety of dwelling units of different sizes and configurations that would be available at market rate. The Proposed Project is increasing the housing choices available in Downtown Los Angeles. The Proposed Project's housing opportunities would be available to all persons, without discrimination. Therefore, the Proposed Project would be consistent with this goal.
Sources: City of Los Angeles General Plan Elements, Housing Element 2013-2021, Chapter 6, Housing Goals, Objectives, Policies and Programs. *Parker Environmental Consultants, 2019.*	

Land Use Element: Central City Community Plan

The Project Site is located within the South Park neighborhood sub-area of the Central City Community Plan Area. Therefore, all development activity on-site is subject to the land use policies of the Central City Community Plan (Community Plan). The Community Plan goals and objectives include providing organized growth, a Central City identity, and a full range of housing choices for employees and residents in the downtown area.

The Proposed Project would revitalize the area with the development of a 30-story mixed-use residential and commercial building with 363 dwelling units and 12,500 square feet of commercial space. The Proposed Project's dwelling units mix would consist of 122 studios, 133 one-bedroom units, 96 two-bedroom units, and 12 three-bedroom units. The Proposed Project would also provide a total of 373 automobile parking spaces and 195 bicycle spaces. The Proposed Project would provide a variety of on-site amenities, which would be located throughout the ground-floor lobby area, Level 5 amenity area, and roof deck. A detailed analysis of the consistency of the Proposed Project with the applicable objectives and policies of the Central City Community Plan for Residential and Commercial Land Uses is presented in Table 6.15, below.

Table 6.15
Project Consistency with Applicable Objectives and Policies of the Central City Community Plan Land Use Element for Residential and Commercial Land Uses

Objective / Policy	Project Consistency Analysis
Residential	
Objective 1-1: To promote development of residential units in South Park.	**Consistent.** The Proposed Project would include 363 multi-family dwelling units in the South Park district of Downtown, Los Angeles. Thus, the Proposed Project supports this objective.
Policy 1-1.1: Maintain zoning standards that clearly promote housing and limit ancillary commercial to that which meets the needs of neighborhood residents or is compatible with residential uses.	**Consistent.** The Proposed Project promotes residential land uses in South Park. The Project Site is zoned C2-4D-O with a land use designation of Regional Center Commercial, which allows for a mixed-use residential and commercial development. The Proposed Project would be developed in accordance with the current zoning and land use designation. The Proposed Project would add 363 multiple family residential units and would include 12,500 square feet of limited ancillary neighborhood commercial uses. Thus, the Proposed Project would be consistent with this policy.
Objective 1-2: To increase the range of housing choices available to Downtown employees and residents.	**Consistent.** The Proposed Project would increase the housing stock in Downtown Los Angeles with 363 residential units, which consist of safe, attractive, and centrally located studios, one-bedroom, two-bedroom, and three-bedroom units. The units would be available to existing Downtown employees and residents. Thus, the Proposed Project would contribute to the range of housing choices available to Downtown employees and residents.
Policy 1-3.1: Encourage a cluster neighborhood design comprised of housing and services.	**Consistent.** The Project Site is located in a Transit Priority Area and in a highly urbanized area of Downtown Los Angeles. The Proposed Project would be within walking distance to numerous services, retail, and employment opportunities. Additionally, the Project Site is in close proximity to many public transportation options, including bus and subway lines. The Project Site's proximity to the Pico Rail Station, approximately 0.6 mile west, and the 7th Street / Metro Center Station, approximately 0.9 mile north, provide transfer opportunities to other Metro rail services, Amtrak, Metrolink, and numerous bus routes served by Metro, LADOT, and municipal bus operators. The bus lines within a "reasonable walking distance" (approximately one-quarter mile) of the Project include (2/302, 4, 10, 14, 37, 30/330, 33, 35, 38, 40, 45, 48, 55/355, 66, 70, 71, 76, 78, 79/378, 83, 90/91, 92, 94, 96, 733, 745, 770, and 794). The LADOT DASH line (DASH Downtown E) runs along Los Angeles Street, with the nearest bus stop located at E. 11th Street. Thus, the Proposed Project supports the cluster neighborhood design concept of including residents near neighborhood facilities.
Commercial	
Objective 2-1: To improve Central City's competitiveness as a location for offices, business, retail, and industry.	**Consistent.** The Proposed Project includes 12,500 square feet of ground-floor commercial/retail uses that would front Main Street and 12th Street. The Proposed Project would provide new opportunities for new businesses or the expansion or relocation of existing

	businesses; thus, increasing business opportunities Downtown. Additionally, the Project Site is within walking distance of the Broadway Theater and Commercial District and the Spring Street Financial District. Although the Project Site is not located within these districts, the Proposed Project would be compatible with the character of these districts and foster new business and employment opportunities and potential customers, which helps improve the competitiveness of the Downtown commercial area. Thus, the Proposed Project would support this objective.
Policy 2-1.2: To maintain a safe, clean, attractive, and lively environment.	**Consistent.** Compliance with all applicable building code requirements would ensure that the building maintains a safe, clean, attractive and lively environment during the Project's construction and operation. Thus, the Proposed Project would be consistent with this policy.
Objective 2-2: To retain the existing retail base in Central City.	**Consistent.** The Project Site is currently developed with four commercial/retail buildings. The Proposed Project would develop 12,500 square feet of ground-floor commercial/retail fronting Main Street and 12th Street, which would provide new opportunities for new businesses or the expansion or relocation of existing businesses. Additionally, the Proposed Project would add approximately 875 residents to the Central City area. These new residents would likely be new customers that would support nearby local businesses. Thus, the Proposed Project would be consistent with this objective.
Policy 2-2.1: Focus on attracting businesses and retail uses that build on existing strengths of the area in terms of both the labor force and businesses.	**Consistent.** The Proposed Project includes ground-floor commercial space fronting Main Street and 12th Street. As such, the Proposed Project provides new space and opportunities that can attract businesses Downtown. Therefore, the Proposed Project would be consistent with this policy.
Policy 2-2.2: To encourage pedestrian-oriented and visitor serving uses during the evening hours especially along Grand Avenue cultural corridor between the Hollywood Freeway (US 101) and Fifth Street, the Figueroa Street corridor between the Santa Monica Freeway (I-10) and Fifth Street and Broadway between Third Street and Ninth Street.	**Consistent.** The Proposed Project would introduce new permanent residents and provide ground-floor commercial/retail. The Project Site is in walking distance from many services, employment opportunities, and retail spaces in the Downtown Los Angeles area. Thus, the Proposed Project would encourage a pedestrian-oriented development that would support activities and uses into the evening hour. Although the Proposed Project is not located on Grand Avenue, Figueroa Street, Fifth Street or Broadway, the Proposed Project would support the intent of this policy.
Policy 2-2.3: Support the growth of neighborhoods with small, local retail services.	**Consistent.** The Proposed Project would include 12,500 square feet of neighborhood serving ground-floor commercial/retail spaces fronting Main Street and 12th Street. Thus, the Proposed Project would add local retail services to support and the growth of the South Park neighborhood. Therefore, the Proposed Project would be consistent with this policy.
Objective 2-3: To promote land uses in Central City that will address the needs of all the visitors to Downtown for business, conventions, trade shows, and tourism.	**Consistent.** The Proposed Project would be consistent with the surrounding neighborhood by adding a mixed-use development to an area that is characterized by mixed-use development. The building's design and ground-floor commercial/retail spaces would enhance pedestrian activity in the area, especially within the Downtown area.

	The ground-floor commercial/retail space will address the needs of visitors to Downtown who are travelling for business, conventions, trade shows, and tourism. Thus, the Proposed Project would support this objective.
Objective 2-4: To encourage a mix of uses which creates an active, 24-hour downtown environment for current residents and which would also foster increased tourism.	**Consistent.** The proposed mixed-use development would contribute and support this objective by adding new residents and ground-floor commercial/retail spaces. The Proposed Project would be designed to enhance pedestrian activity with the retail stores' main entrances fronting the public right-of-way and providing night-time lighting for enhanced security. These features, among others, would contribute to an active, 24-hour downtown environment. Thus, the Proposed Project would be consistent with this objective.
Policy 2-4.1: Promote nightlife activity by encouraging restaurants, pubs, night clubs, small theaters, and other specialty uses to reinforce existing pockets of activity.	**Consistent.** The Proposed Project includes ground-floor commercial/retail spaces fronting Main Street and 12th Street. The commercial and retail uses would create an existing pocket of activity which would support and promote nightlife activities. The Proposed Project would be designed to enhance pedestrian activity with the commercial and retail stores' main entrances fronting the public right-of-way and providing night-time lighting for enhanced security. The Proposed Project would reinforce and add to the attraction of these pockets of activity by adding new residents to the area. Thus, the Proposed Project is consistent with this policy.
Source: City of Los Angeles, Central City Community Plan, Land Use and Planning Element, 2003. Parker Environmental Consultants, 2019.	

Redevelopment Plan for the City Center Redevelopment Project Area

Development on the Project Site is further defined by the Redevelopment Plan for the City Center Redevelopment Project ("Redevelopment Plan"). Due to State legislation, the CRA/LA has since been disbanded and there is a successor agency to the Community Redevelopment Agency of the City of Los Angeles (CRA/LA). Pursuant to City Ordinance 183,325 (effective November 11, 2019), the authority or responsibility to perform actions and related land use functions regarding any Redevelopment Plan Amendment or land use approval or entitlement pursuant to Section 11.5.14 and applicable provisions of the Code was transferred to the City. Development in the Redevelopment Project Area is governed by the Redevelopment Plan that was adopted in May 2002 by the CRA/LA and remains effective until May 2032. Specific design considerations from the Redevelopment Plan include: height, development densities, building setbacks, signage, open space and privacy, utilities, parking, and loading facilities. The Redevelopment Plan identifies overall objectives and development standards to guide the development, redevelopment, and rehabilitation of properties within the City Center area. The City Center area encompasses much of Historic Downtown, City Markets, and South Park development area.

The Proposed Project is located within the South Park Development area of the City Center Redevelopment Project area, which was established by the CRA/LA. The Redevelopment

Plan's objective for the South Park Development area is to achieve a mixed-use live/work community, consisting of a housing-commerce community featuring open space.[79] The Proposed Project is compatible with other existing and approved high-density housing and mixed-use projects located within the downtown area. The Redevelopment Plan and "D" limitation limit the total floor area of the Project Site to a ratio of 6:1; the Proposed Project is requesting a TFAR to allow for a total FAR of 7.03:1. Table 6.16, below, provides a detailed analysis of the consistency of the Proposed Project with the applicable objectives of the Redevelopment Plan.

The Proposed Project is also subject to Section 501 of the Redevelopment Plan (General Controls and Limitations), which requires that all structures comply with Federal, State, and Los Angeles City laws in effect, including the City building codes and ordinances (Redevelopment Plan, pg. 16). The Proposed Project's consistency with the objectives in the Redevelopment Plan is further analyzed in Table 6.16, below.

The Redevelopment Plan designates the Project Site as commercial. The Redevelopment Plan establishes five criteria for residential uses within commercial areas, which includes mixed-use commercial and residential in a commercial zone. These criteria are:

1. Promote community revitalization;
2. Promote the goals and objectives of the Plan;
3. Be compatible with and appropriate for the Commercial uses in the vicinity;
4. Include amenities which are appropriate to the size and type of housing units proposed; and
5. Meet design and location criteria required by the Community Redevelopment Agency.

Table 6.16
Project Consistency with Applicable Objectives of the Redevelopment Plan

Objective	Project Consistency Analysis
• To eliminate and prevent the spread of blight and deterioration and to rehabilitate and redevelop the Project Area in accordance with this Plan.	**Consistent.** The Proposed Project would redevelop an underutilized site that is currently used for commercial/retail uses and would develop a Project that maintains commercial/retail uses while also providing residential uses. The Proposed Project would be attractively designed and landscaped in accordance with the design guidelines of the Downtown Design Guide. Compliance with all applicable building code requirements would further ensure that the building maintains a safe, clean, and attractive environment during the Proposed Project's construction and operation. As such, the Proposed Project would prevent the spread of blight and deterioration by redeveloping an underutilized site in accordance with the Plan. The Proposed Project would be consistent with this objective.

[79] *City of Los Angeles, Community Redevelopment Agency, Redevelopment Plan for the City Center Redevelopment Project, 2002.*

• To further the development of Downtown as the major center of the Los Angeles metropolitan region, within the context of the Los Angeles General Plan as envisioned by the General Plan Framework, Concept Plan, City-wide Plan portions, the Central City Community Plan, and the Downtown Strategic Plan.	**Consistent.** The Proposed Project would be designed and developed with the guidance of City Planning Staff and the applicable plans. Therefore, the Proposed Project would further the goals of the Los Angeles General Plan, Framework Element, the Central City Community Plan, and the Downtown Strategic Plan. Thus, the Proposed Project would be consistent with this objective.
• To create an environment that will prepare, and allow, the Central City to accept that share of regional growth and development which is appropriate, and which is economically and functionally attracted to it.	**Consistent.** The Proposed Project would replace underutilized commercial uses and surface parking lot and introduce new multi-family dwelling units and commercial/retail uses in the area, which would accommodate an increase of population and housing. Nevertheless, the Proposed Project housing and population generation is consistent with SCAG's growth projections for the City of Los Angeles Subarea. Additionally, the Proposed Project would be consistent with the City's goals of increasing housing in transit-rich areas near services, retail, and employment opportunities to reduce vehicle-miles traveled; increasing safe and healthy housing options downtown; and increasing the diversity of the housing stock. Therefore, the Proposed Project is consistent with Central City development goals and growth projections and would not hinder the implementation of this objective.
• To promote the development and rehabilitation of economic enterprises including retail, commercial, service, sports and entertainment, manufacturing, industrial and hospitality uses that are intended to provide employment and improve the Project Area's tax base.	**Consistent.** The Proposed Project would provide ground-floor commercial/retail fronting Main Street and 12th Street, which would increase employment opportunities within Downtown and contribute to the Project Area's tax base. Thus, the Proposed Project would be consistent with this objective.
• To guide growth and development, reinforce viable functions, and facilitate the redevelopment, revitalization or rehabilitation of deteriorated and underutilized areas.	**Consistent.** The Proposed Project would be consistent with this objective since it proposes the development of an underutilized site that is currently used for commercial/retail purposes. The Proposed Project would be designed with the guidance of applicable plans and design guidelines. Therefore, the Proposed Project would be consistent with this objective.
• To create a modern, efficient and balanced urban environment for people, including a full range of around-the-clock activities and uses, such as recreation, sports, entertainment and housing.	**Consistent.** The Proposed Project would provide 363 new residential units and 12,500 square feet of ground-floor commercial/retail space. Additionally, the Proposed Project would be designed to promote pedestrian activity with the commercial stores' main entrances fronting the public right-of-way and providing night-time lighting for enhanced security. The Proposed Project's location near mass transit and within walking distance to services, retail stores, and employment opportunities promotes a pedestrian-friendly environment. Thus, the Proposed Project would be consistent with this objective.
• To create a symbol of pride and identity which gives the Central City a strong	**Consistent.** Development of the Project Site is guided by the Redevelopment Plan, Central City Community

image as the major center of the Los Angeles region.	Plan, and the Downtown Design Guide. The Proposed Project would be consistent with this objective and preserve and contribute to the area's symbol of pride and identity by introducing an iconic residential and commercial development that would be consistent with the Downtown Design Guidelines. Therefore, the Proposed Project furthers the goals of this objective.
• To facilitate the development of an integrated transportation system which will allow for the efficient movement of people and goods into, through, and out of the Central City.	**Not Applicable.** This objective is directed towards City goals and does not specifically pertain to the Proposed Project. The Proposed Project would place new housing and commercial/retail space in a highly walkable and transit-rich area. As such, residents, guests, and employees of the Proposed Project can easily move around the Central City area and greater Los Angeles region. Therefore, the Proposed Project furthers the goals of this objective.
• To achieve excellence in design, based on how the Central City is to be used by people, giving emphasis to parks, green spaces, streetscapes, street trees, and places designed for walking and sitting, and to develop an open space infrastructure that will aid in the creation of a cohesive social fabric.	**Consistent.** The Downtown Design Guide directs the design of the Proposed Project. The Proposed Project would be consistent with the design and development goals of the Central City Community Plan area. As such, the Proposed Project would be attractively designed and landscaped. The Proposed Project would provide common open space to its residents and guests, which would reduce the Proposed Project's demand on local parks and open space. By providing on-site open space and the payment of the park fee, the Proposed Project's impacts on local parks would be less than significant. With development of the Project and payment of the park fee, the Proposed Project would be consistent with this objective.
• To develop and implement public art into the urban fabric, integrating art into both public and private developments.	**Consistent.** The commercial component of the Proposed Project is subject to LAMC Section 91.107.4.6, which imposes an arts development fee for new development. The fees paid pursuant to this LAMC Section will be used to provide adequate cultural and artistic facilities, services and community amenities for the Proposed Project. Thus, the Proposed Project would be consistent with this objective.
• To preserve key landmarks which highlight the history and unique character of the City, blending old and new in an aesthetic realization of change or growth with distinction, and facilitating the adaptive reuse of structures of architectural, historic or cultural merit.	**Not Applicable.** This objective is not specifically applicable to the Proposed Project. However, the Project Site is currently used for commercial/retail uses, and no significant landmarks or structures exist on-site. As further discussed in the Section V, Cultural Resources, the Proposed Project would have a less than significant impact on identified surrounding historic resources and would not negatively affect the physical integrity of any historical resource. All of the identified historical resources in the vicinity of the Project Site would remain listed or eligible for listing under the relevant landmark program. The ability of these historical resources to convey their significance would not be materially impaired by the Proposed Project. As such, the Proposed Project would not destroy or demolish key landmarks and historical or unique features of the City and would not

	hinder the goals of this objective.
• To provide a full range of employment opportunities for persons of all income levels.	**Consistent.** The Proposed Project would be consistent with this objective, as it provides ground-floor commercial/retail spaces and would introduce additional employment opportunities into the area.
• To provide high and medium density housing close to employment and available to all ethnic, social and economic groups, and to make an appropriate share of the City's low- and moderate-income housing available to residents of the area.	**Not Applicable.** This objective is not specifically applicable to the Proposed Project. However, the Proposed Project would locate high-density housing near many employment opportunities. Additionally, the 12,500 square foot ground-floor commercial element would generate additional employment opportunities for approximately 25 employees in the Downtown area. The Proposed Project's residential units and employment opportunities would be available to all ethnic, social, and economic groups without discrimination. As such, the Proposed Project would not hinder the goals of this objective.
• To establish an atmosphere of cooperation among residents, workers, developers, business, special interest groups and public agencies in the implementation of this Plan.	**Not Applicable.** This objective is directed toward City goals and is not specifically applicable to the Proposed Project.

Notes:
1. "Plan" used within this table means the City Center Redevelopment Plan.
Source: City of Los Angeles, Redevelopment Plan For the City Center Redevelopment Project (Ordinance No. 174593), May 15, 2002.
Parker Environmental Consultants, 2021.

The Proposed Project would be consistent with the criteria for residential uses in commercial areas. The Proposed Project would revitalize an underutilized site with the development of a high-rise mixed-use residential and commercial building. As demonstrated in Table 6.16, above, the Proposed Project would promote the goals and objectives of the Redevelopment Plan. The Proposed Project's land uses are consistent with the surrounding neighborhood that is characterized by existing and proposed mixed-use buildings. As such, the Proposed Project would be compatible and appropriate for the commercial and multi-family land uses located in the vicinity of the Project Site. Additionally, the Proposed Project would be located in a highly walkable and transit-rich area to promote sustainable land use and growth patterns. Further, the Proposed Project would provide open space for the residents and would include amenities, which are appropriate to the size and type of housing proposed to achieve a well-designed modern, efficient and balanced urban environment. The Redevelopment Plan refers to the Downtown Design Guide for guidance in building design. The proposed building would be designed with the guidance of this document.

Section 512.1 of the Redevelopment Plan allows for a maximum FAR of 6 to 1 in the South Park Development Area. However, Section 512.4 allows for this FAR to be exceeded through TFAR. The Proposed Project requests a TFAR approval of less than 50,000 square feet for the total square footage of 343,447 square feet, which is allowed pursuant to the Redevelopment Plan

Section 512.4 and LAMC Section 14.5. Based on the Redevelopment Plan Section 512.4, TFAR resulting in higher density development must be appropriate in terms of location and access to the circulation system. TFAR to parcels with reasonable proximity or direct access to a public or private rapid transit station is also particularly encouraged. The Proposed Project is well served by transit and is within walking distance of numerous intersections with numerous bus routes with peak commute service intervals of 15 minutes or less. Therefore, the Proposed Project would be consistent with the Redevelopment Plan's goal to promote higher density mixed-use development and its overall objectives.

Downtown Design Guide: City of Los Angeles

As discussed earlier, the application of Public Resources Code Section 21099 provides that "aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a Transit Priority Area shall not be considered significant impacts on the environment." The Proposed Project is a mixed-use residential project on an infill site within a Transit Priority Area. While Section 21099 prohibits aesthetic impacts from being considered significant environmental impacts pursuant to CEQA, it does not affect the ability of the City of Los Angeles to implement design review through its ordinances or other discretionary powers. The City's Downtown Design Guide has been adopted by the City to guide its design review of projects as part of Site Plan Review. The Proposed Project's consistency with such design guidelines is discussed below.

The Downtown Design Guide: City of Los Angeles encourages Downtown Los Angeles to develop as a more sustainable and livable community. The focus of the Design Guide is on the relationship of buildings to the street, including sidewalk treatment, character of the building as it adjoins the sidewalk, and connections to transit. To achieve this harmony between buildings and public rights-of-way, the Design Guide provides design goals and specific requirements for the design of sidewalks and setbacks, ground floor treatment, parking and access, building massing and street wall, on-site open space, architectural detail, streetscape improvements, signage, public art, and promote civic and cultural life, which are discussed in further detail below. Additionally, the Downtown Design Guide identifies design principles for creating a livable downtown; these principles include:

a) *Employment Opportunities.* Maintain and enhance the concentration of jobs, in both the public and private sectors, that provides the foundation of a sustainable Downtown.
b) *Housing Choices.* Provide a range of housing types and price levels that offer a full range of choices, including home ownership, and bring people of diverse ages, ethnicities, household sizes and income into daily interaction.
c) *Transportation Choices.* Enable people to move around easily on foot, bicycle, transit, or auto. Accommodate cars but fewer than in the suburbs and allow people to live easily without one.
d) *Shops and Services Within Walking Distance.* Provide shops and services for everyday

needs, including groceries, day care, cafes and restaurants, banks and drug stores, within an easy walk from home.

e) *Safe, Shared Streets.* Design Streets not just for vehicles, but as usable outdoor space for walking, bicycling and visual enjoyment.
f) *Gathering Places.* Provide places for people to socialize, including parks, sidewalks, courtyards and plazas, that are combined with shops and services. Program places for events and gatherings.
g) *Active Recreation Areas.* Provide adequate public recreational open space, including joint use open space, within walking distance of residents.
h) *A Rich Cultural Environment.* Integrate public art and contribute to the civic and cultural life of the City.

The Proposed Project would redevelop an underutilized site in an area largely characterized by commercial, office, light industrial, multi-family residential, and mixed-use residential/commercial land uses. The Proposed Project includes the development of a high-rise mixed-use building that would contain residential units and ground-floor commercial/retail. The Proposed Project would increase employment opportunities with its ground-floor commercial component. The Proposed Project would also be increasing the concentration of employment opportunities downtown and placing residents within walking distance of many employment opportunities, shops, and services. The Proposed Project's location would reduce dependence on single-occupancy vehicles and promote walking and alternative transportation. The Proposed Project would directly increase housing choices in downtown Los Angeles. With approval of the discretionary requests, the Proposed Project would provide more than adequate open space and residential amenities. The Proposed Project may include but is not limited to, ground-floor lobby area, a podium and amenity level, and a roof terrace. Additionally, the Proposed Project would include commercial uses that would face toward the public right-of-way, which would promote a pedestrian environment, activate the sidewalk, and provide socializing opportunities. The Proposed Project would support the Downtown Design Guide's principles of on-site recreation opportunities and gathering places. The Proposed Project would directly support and promote the principles of the Downtown Design Guide.

Project Site access and driveway design would be designed and developed in consultation with the Los Angeles Department of Transportation, Department of Building and Safety, and the Los Angeles Fire Department, as required. The Proposed Project would provide ground-floor commercial uses that would front Main Street and 12th Street and would support a pedestrian-oriented environment, which would help support civic and cultural life. Ground-floor design and treatment (such as providing large storefront windows and beautifying the public right-of-way with street trees and landscaping) would promote pedestrian activity along Main Street and 12th Street. The Project Site would be well designed and landscaped and would further enrich the community identity within Downtown Los Angeles. Additionally, primary vehicular access for the residential and commercial uses would be provided via full-access driveways along Main Street and the adjacent alley, which would provide a connection to the parking garage. Additional

entrance-only and exit-only driveways would also be located along the alleyway. Parking for the Proposed Project would be contained in the inner portions from the above-grade parking podium. The Proposed Project's building siting, parking and access, architectural design, and materials would support the Downtown Design Guidelines. Thus, the Proposed Project would support the applicable principles and design criteria of the Downtown Design Guide.

Los Angeles Municipal Code

Zoning and General Plan Land Use Designations

The Project Site is located within the City of Los Angeles, which is subject to the requirements in the LAMC. The Project Site consists of approximately 48,908 square feet (1.12 acres). The Project Site is currently improved with four commercial/retail buildings. The Proposed Project includes the construction of a 30-story mixed-use residential and commercial building with 363 residential dwelling units and 12,500 square feet of ground floor commercial/retail space.

The Project Site is zoned C2-4D-O with a General Plan land use designation of Regional Center Commercial. The zones corresponding to the Regional Center Commercial designation include the CR, C1.5, C2, C4, C5, R3, R4, R5, RAS3, and RAS4 zones.

The Proposed Project would be comprised of multi-family residential uses and neighborhood-serving commercial uses. Commercial and multi-family residential uses are permitted on lots zoned for C2 uses that are located within the Central City Community Plan Area and the City Center Redevelopment Project Area. With approval of discretionary requests, the Proposed Project would conform to the allowable land uses pursuant to the LAMC.

Density

Per the Greater Downtown Housing Incentive Area, LAMC Section 12.22 C.3(c), the maximum number of dwelling units or guest rooms permitted shall not be limited by the lot area provisions of the LAMC so long as the total floor area utilized by guest rooms does not exceed the total floor area utilized by the dwelling units. As such, under the Greater Downtown Housing Incentive, the density requirements and maximum unit per lot area requirements were eliminated. The Project Site would be developed with up to 363 residential units and no guest rooms. The proposed developed within be within the allowable FAR for the Project Site, as demonstrated below. Thus, the Proposed Project would be consistent with this requirement.

Floor Area

The Project Site is located within Height District 4. Height District No. 4 has no building height limit for the underlying zone but limits development to an FAR of 13:1. However, the "D" Classification limits FAR to a maximum of 6:1, or approximately 293,448 square feet based on lot area. The maximum FAR per the LAMC and the Redevelopment is 6:1, unless the Proposed Project is approved additional floor area through TFAR. The Proposed Project requests a TFAR approval of up to 49,999 square feet to allow for a total square footage of 343,447 square feet,

which is permitted pursuant to the Redevelopment Plan Section 512 and LAMC Section 14.5. The addition of buildable floor area through the TFAR request would result in an FAR of 7.03:1. Thus, with approval of a TFAR request, the Proposed Project would be consistent with the allowable FAR.

Open Space

As shown in Table 3.3 in Section 3, Project Description, the Proposed Project would be in compliance with the minimum open space requirements of the LAMC. The total amount of open space required by code is 39,600 square feet. The Proposed Project would include 39,601 square feet of open space. As part of the open space requirements, the residential component of the Proposed Project includes planting trees at a rate of one tree for every four dwelling units, which requires 91 trees. A total of 91 trees are proposed on-site, which is consistent with LAMC requirements. Thus, the Proposed Project would be consistent with the open space requirements of the LAMC.

Setbacks

Per the Greater Downtown Housing Incentive Area, LAMC Section 12.22 C.3(a), no yard requirements apply to lots that are located in the Greater Downtown Housing Incentive Area, except as required by the Downtown Design Guide. The Downtown Design Guidelines encourages variations in setbacks along street frontages. The Project Site has frontage along Main Street to the east and 12th Street to the south. The Proposed Project would provide an average 12-foot sidewalk fronting 12th Street with a two-foot dedication. As such, the Proposed Project would be consistent with the required setbacks and sidewalk easements.

Parking

As discussed previously in this Section, the Proposed Project meets all of the requisite criteria of a Transit Oriented Infill Project pursuant to SB 743. SB 743, now codified as law under Public Resources Code 21099 provides that “aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a Transit Priority Area shall not be considered significant impacts on the environment.” Accordingly, the Proposed Project’s parking impacts shall not be considered significant impacts on the environment as a matter of law under Public Resources Code Section 21099.

Parking for the proposed retail and residential uses on-site will be provided in the ground level and second level through fourth level above grade. The Project Site is located within the Central City Parking Exception area (LAMC Section 12.21 A.4(p)), which permits one (1) space for each dwelling unit, except where there are more than six (6) dwelling units of more than three (3) habitable rooms per unit on any lot, the ratio of parking spaces required for all of such units shall be at least one and one-quarter (1¼) parking spaces for each dwelling unit of more than three (3) habitable rooms. A Zone Variance, pursuant to LAMC Section 12.27, is necessary to permit 100% of the parking stalls required for residential uses to be designed and maintained as compact stalls in lieu of standard spaces.

The Project Site is located in the Downtown Business Parking District (LAMC Section 12.21 A.4(i)), which states that for business, commercial or industrial buildings, having a gross floor area of 7,500 square feet or more, at least one parking space for each 1,000 square feet of floor area in said building, exclusive of floor areas used for automobile parking space, for basement storage, or for rooms housing mechanical equipment incidental to the operation of buildings.

Pursuant to LAMC Section 12.21.A.4, residential projects located within 1,500 feet of a major transit stop, may replace up to 15 percent of the required automobile parking spaces with bicycle parking. Additionally, non-residential projects located within 1,500 feet of a major transit stop may replace up to 30 percent of the required automobile parking spaces with bicycle parking. The Proposed Project would utilize a seven percent reduction in residential parking and 20 percent reduction in commercial parking spaces.

The Proposed Project would be consistent with the applicable parking requirements of the LAMC with approval of all entitlement requests. With the aforementioned parking reductions, the Proposed Project would require a total of 373 parking spaces, including 363 residential spaces and 10 commercial parking spaces. The Proposed Project plans to provide 373 parking spaces.

The Proposed Project would provide on-site bicycle parking and storage spaces for short-term and long-term bike storage. All short-term and long-term bike parking would be spread throughout the ground floor and parking levels near the service elevators and stairways. Pursuant to LAMC Section 12.21 A.16, the Proposed Project is required to supply 23 short-term bicycle parking spaces and 172 long-term bicycle parking spaces, for a total of 195 bicycle parking spaces. The Project proposes to provide 195 spaces. Thus, the Proposed Project would be consistent with the LAMC requirements for vehicle and bicycle parking.

Downtown Adaptive Reuse Incentive Area

The purpose of the Adaptive Reuse Ordinance is to facilitate the conversion of older, economically distressed, or historically significant buildings to apartments, live/work units, or visitor-serving facilities. An adaptive reuse project is defined as any change of use to dwelling units, guest rooms, or joint living and working quarters in all or any portion of any eligible building. The Proposed Project would not rehabilitate any portion of the existing buildings on-site as the Proposed Project will demolish all four buildings, and as such the Proposed Project is not an adaptive reuse project. No further discussion is required with regards to the Adaptive Reuse Ordinance.

Regional and Local Plan Consistency

As discussed in the preceding paragraphs, the Proposed Project would not conflict with local and regional plans applicable to the Project Site. With approval of discretionary requests and adherence to appropriate regulatory compliance measures, any impacts would be less than significant.

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects would result in an intensification of existing prevailing land uses in an already heavily urbanized area of Los Angeles. With regard to land use plans, regional and citywide projects under consideration would implement and support important local and regional planning goals and policies. Like the Proposed Project, each related project would be subject to a discretionary land use approval process, including CEQA review, and would incorporate any mitigation measures necessary to reduce potential land use impacts such that no significant impacts with regard to adopted land use plans would occur. Also, upon approval of the requested actions, development of the Proposed Project together with future forecasted growth would not be anticipated to conflict with the intent of the City General Plan, with other applicable land use plans, or with the LAMC regarding the future development of the Central City community. Therefore, development of the Proposed Project together with the related projects would not be expected to result in cumulatively considerable impacts with respect to applicable land use plans and regulations.

With regard to physical land use, it should be noted that all of the related projects are subject to local zoning and land use designations for each of the related project sites. These requirements would regulate future land uses and provide development standards for such land uses that would further preclude potential land use compatibility impacts.

As the Proposed Project would not combine with the related projects to substantially or adversely change the existing relationship with offsite communities and would not disrupt, divide, or isolate existing communities, the Proposed Project, combined with the related projects, would not result in cumulatively considerable physical land use impacts.

XII. Mineral Resources

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. A significant impact may occur if the Project Site is located in an area used or available for extraction of a regionally-important mineral resource, or if the project development would convert an existing or future regionally-important mineral extraction use to another use, or if the project development would affect access to a site used or potentially available for regionally-important mineral resource extraction. The determination of significance shall be made on a case-by-case basis considering: (a) whether, or the degree to which, the project might result in the permanent loss of, or loss of access to, a mineral resource that is located in a State Mining and Geology Board Mineral Resource Zone MRZ-2 zone or other known or potential mineral resource area, and (b) whether the mineral resource is of regional or statewide significance, or is noted in the Conservation Element as being of local importance. The Project Site is zoned C2-4D-O, the "O" designation indicates the Project Site is located in an oil drilling district, specifically the Los Angeles Downtown Oil Field.[80] The Project Site is located within a Mineral Resources Zone 2 (MRZ-2).[81] However, the Project Site is not currently used for the extraction of mineral resources, and there is no evidence to suggest that the Project Site has been historically used for the extraction of mineral resources. The Project Site is currently developed with four commercial buildings. Development of the Project Site would not block or hinder access or availability of mineral resources. ***Therefore, the development of the Proposed Project would not result in the loss of availability of a known mineral resource, and no impact would occur.***

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[80] *City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Oil field and oil drilling areas in the City of Los Angeles, September 1996.*

[81] *City of Los Angeles Department of City Planning, Environmental and Public Facilities Maps: Areas containing Significant Mineral Deposits in the City of Los Angeles, September 1996.*

b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. A significant impact may occur if the Project Site is located in an area used or available for extraction of a regionally-important mineral resource, or if the development would convert an existing or future regionally-important mineral extraction use to another use, or if the development would affect access to a site used or potentially available for regionally-important mineral resource extraction. Although the Project Site is located within a MRZ-2 zone, the Project Site is not currently used for the extraction of mineral resources. Historic research also shows that the Project Site has not been historically used for the extraction of mineral resources. Development of the Project Site would not block or hinder access or availability of locally important mineral resources. ***Therefore, no impact to locally important mineral resources would occur.***

Cumulative Impacts

No Impact. As discussed above, the Proposed would have no impact on mineral resources. It is not known if any of the related projects would result in the loss of availability of known mineral resources. Each related project would be required to comply with the Los Angeles CEQA guidelines and execute required project site studies. ***Nevertheless, the Proposed Project would have no incremental contribution to the potential cumulative impact on mineral resources and would have no cumulative impact on mineral resources.***

XIII. Noise

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Fundamentals of Noise

Sound is technically described in terms of amplitude (loudness) and frequency (pitch). The standard unit of sound amplitude measurement is the decibel (dB). The decibel scale is a logarithmic scale that describes the physical intensity of the pressure vibrations that make up any sound. The pitch of the sound is related to the frequency of the pressure vibration. Since the human ear is not equally sensitive to a given sound level at all frequencies, a special frequency-dependent rating scale has been devised to relate noise to human sensitivity. The A-weighted decibel scale (dBA) provides this compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear.

Noise, on the other hand, is typically defined as unwanted sound. A typical noise environment consists of a base of steady "background" noise that is the sum of many distant and indistinguishable noise sources. Superimposed on this background noise is the sound from individual local sources. These can vary from an occasional aircraft or train passing by to virtually continuous noise from, for example, traffic on a major highway.

Several rating scales have been developed to analyze the adverse effect of community noise on people. Since environmental noise fluctuates over time, these scales consider that the effect of noise upon people is largely dependent upon the total acoustical energy content of the noise, as well as the time of day when the noise occurs. Those that are applicable to this analysis are as follows:

L_{eq} – An L_{eq}, or equivalent energy noise level, is the average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.

L_{max} – The maximum instantaneous noise level experienced during a given period of time.

L_{min} – The minimum instantaneous noise level experienced during a given period of time.

CNEL – The Community Noise Equivalent Level is a 24-hour average L_{eq} with a 5 dBA "weighting" during the hours of 7:00 P.M. to 10:00 P.M. and a 10 dBA "weighting" added to noise during the hours of 10:00 P.M. to 7:00 A.M. to account for noise sensitivity in the evening and nighttime, respectively. The logarithmic effect of these additions is that a 60 dBA 24 hour L_{eq} would result in a measurement of 66.7 dBA CNEL.

Noise environments and consequences of human activities are usually well represented by median noise levels during the day, night, or over a 24-hour period. For residential uses, environmental noise levels are generally considered low when the CNEL is below 60 dBA, moderate in the 60–70 dBA range, and high above 70 dBA. Noise levels greater than 85 dBA can cause temporary or permanent hearing loss. Examples of low daytime levels are isolated, natural settings with noise levels as low as 20 dBA and quiet suburban residential streets with noise levels around 40 dBA. Noise levels above 45 dBA at night can disrupt sleep. Examples of moderate level noise environments are urban residential or semi-commercial areas (typically 55–60 dBA) and commercial locations (typically 60 dBA). People may consider louder environments adverse, but most will accept the higher levels associated with noisier urban residential or residential-commercial areas (60–75 dBA) or dense urban or industrial areas (65–80 dBA).

It is widely accepted that in the community noise environment the average healthy ear can barely perceive CNEL noise level changes of 3 dBA. CNEL changes from 3 to 5 dBA may be noticed by some individuals who are extremely sensitive to changes in noise. A 5 dBA CNEL increase is readily noticeable, while the human ear perceives a 10 dBA CNEL increase as a doubling of sound.

According to the World Health Organization (WHO), sleep disturbance can occur when continuous indoor noise levels exceed 30 dBA or when intermittent interior noise levels reach 45 dBA, particularly if background noise is low. With a bedroom window slightly open (a reduction from outside to inside of 15 dB), the WHO criteria suggest that exterior continuous (ambient) nighttime noise levels should be 45 dBA or below, and short-term events should not generate noise in excess of 60 dBA. WHO also notes that maintaining noise levels within the recommended levels during the first part of the night is believed to be effective for the ability of people to initially fall asleep. Other potential health effects of noise identified by WHO include decreased performance for complex cognitive tasks, such as reading, attention span, problem

solving, and memorization; physiological effects such as hypertension and heart disease (after many years of constant exposure, often by workers, to high noise levels); and hearing impairment (again, generally after long-term occupational exposure, although shorter-term exposure to very high noise levels, for example, exposure several times a year to convert noise at 100 dBA, can also damage hearing). Finally, noise can cause annoyance and can trigger emotional reactions like anger, depression, and anxiety. WHO reports that, during daytime hours, few people are seriously annoyed by activities with noise levels below 55 dBA or moderately annoyed with noise levels below 50 dBA. Vehicle traffic and continuous sources of machinery and mechanical noise contribute to ambient noise levels. Short-term noise sources, such as truck backup beepers, the crashing of material being loaded or unloaded, car doors slamming, and engines revving outside a nightclub, contribute very little to 24-hour noise levels but are capable of causing sleep disturbance and severe annoyance. The importance of noise to receptors depends on both time and context. For example, long-term high noise levels from large traffic volumes can make conversation at a normal voice level difficult or impossible, while short-term peak noise levels, if they occur at night, can disturb sleep.

Noise levels from a particular source generally decline as distance to the receptor increases. Sound from a small localized source (approximating a point source) radiates uniformly outward as it travels away from the source in a spherical pattern. The sound level attenuates or drops off at a rage of 6 dBA for each doubling of the distance. Other factors, such as the weather and reflecting or barriers, also help intensify or reduce the noise level at any given location. A commonly used rule of thumb for roadway noise is that for every doubling of distance from the source, the noise level is reduced by about 3 dBA at acoustically "hard" locations (i.e., the area between the noise source and the receptor is nearly complete asphalt, concrete, hard-packed soil, or other solid materials) and 4.5 dBA at acoustically "soft" locations (i.e., the area between the source and receptor is normal earth or has vegetation, including grass). Noise from stationary or point sources is reduced by about 6 to 7.5 dBA for every doubling of distance at acoustically hard and soft locations, respectively. In addition, noise levels are also generally reduced by 1 dBA for each 1,000 feet of distance due to air absorption. Noise levels may also be reduced by intervening structures, such as hills, manmade features, buildings, and walls. Generally, for an at-grade facility in an average residential area where the first row of buildings cover at least 40 percent of total area, the reduction provided by the first row is reasonably assumed to be 3 dBA, with 1.5 dBA for each additional row. For buildings spaced tightly, the first row provides about 5dBA of reduction, successive rows reduced noise by 1.5 dBA per row, with a maximum reduction limit of 10 dBA.[82] Additional noise attenuation can be provided within residential structures. Depending on the quality of the original building façade, especially windows and doors, sound insulation treatments can improve the noise reduction by 5 to 20 dBA.[83]

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[82] *California Department of Transportation, Division of Environmental Analysis, Technical Noise Supplement, November 2009.*

[83] *Federal Transit Administration, Office of Planning and Environment, Transit Noise and Vibration Impact Assessment, May 2008.*

General Plan Noise Element

As discussed previously, California Government Code Section 65302(g) requires that a noise element be included in the general plan of each county and city in the state. The Noise Element of the City's General Plan establishes CNEL guidelines for land use compatibility as shown in Table 6.17, below, and includes a number of goals, objectives, and policies for land use planning purposes. The overall purpose of the Noise Element of the City's General Plan is to guide policymakers in making land use determinations and in preparing noise ordinances that would limit exposure of citizens to excessive noise levels. The following policies and objectives from the Noise Element of the General Plan are applicable to the Project.[84]

> Objective 2 (Non-airport): Reduce or eliminate non-airport related intrusive noise, especially relative to noise sensitive uses.
>
> Policy 2.2: Enforce and/or implement applicable city, state, and federal regulations intended to mitigate proposed noise producing activities, reduce intrusive noise and alleviate noise that is deemed a public nuisance.
>
> Objective 3 (Land Use Development): Reduce or eliminate noise impact associated with proposed development of land and changes in land use.
>
> Policy 3.1: Develop land use policies and programs that will reduce or eliminate potential and existing noise impacts.

In accordance with the City's Noise Element, a noise exposure of 60 dBA CNEL or less is considered to be the most desirable target for the exterior of noise-sensitive land uses, or sensitive receptors, such as homes, schools, churches, libraries, etc. It is also recognized that such a level may not always be possible in areas of substantial traffic noise intrusion. Exposures up to 70 dBA CNEL for noise-sensitive uses are generally considered conditionally acceptable if all measures to reduce such exposure have been taken. Noise levels above 70 dBA CNEL are normally unacceptable for residential uses.

[84] *Noise Element of the General Plan, adopted February 3, 1999.*

Table 6.17
City of Los Angeles Community Noise Exposure Guidelines

Land Use	Normally Acceptable[a]	Conditionally Acceptable[b]	Normally Unacceptable[c]	Clearly Unacceptable[d]
Single–family– Duplex– Mobile Homes	50 - 60	55 - 70	70 - 7–	above –5
Multi-Family Homes	50 - 65	60 - 70	70 - 75	above 75
Schools, Libraries, Churches, Hospitals,–Nursing Homes	50 - 70	60 - 70	70 - 80	above 80
Transient Lodging – Motels, Hotels	50 - 65	60 - 70	70 - 80	above 75
Auditoriums, Concert Halls, Amphitheaters	---	50 - 70	---	above 70
Sports Arena, Outdoor Spectator Sports	---	50 - 75	---	above 75
Playgrounds, Neighborhood Parks	50 - 70	---	67 - 75	above 75
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50 - 75	---	70 - 80	above 80
Office Buildings, Business and Professional Commercial	50 - 70	67 - 77	above 75	---
Industrial, Manufacturing, Utilities, Agriculture	50 - 75	70 - 80	above 75	---

[a] Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.
[b] Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.
[c] Normally Unacceptable: New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.
[d] Clearly Unacceptable: New construction or development should generally not be undertaken.
Source: Office of Planning and Research, State of California General Plan Guidelines, October 2003 (in coordination with the California Department of Health Services); City of Los Angeles, General Plan Noise Element, adopted February 1999.

Los Angeles Municipal Code

The City has numerous ordinances and enforcement practices that apply to intrusive noise and that regulate new construction activities. The City's comprehensive noise ordinance, found in Chapter XI of the LAMC, sets forth sound measurement and criteria, minimum presumed ambient noise levels for different land use zoning classifications, sound emission levels for specific uses, hours of operation for certain uses, standards for determining when noise is deemed to be a disturbance, and legal remedies for violations. Key provisions of Chapter XI of the LAMC that are applicable to the Proposed Project are discussed below.

SEC.41.40. Noise Due to Construction, Excavation Work—When Prohibited

(a) No person shall, between the hours of 9:00 P.M. and 7:00 A.M. of the following day, perform any construction or repair work of any kind upon, or any excavating for, any building or structure, where any of the foregoing entails the use of any power drive

drill, riveting machine, excavator or any other machine, tool, device or equipment which makes loud noises to the disturbance of persons occupying sleeping quarters in any dwelling hotel or apartment or other place of residence. In addition, the operation, repair or servicing of construction equipment and the job-site delivering of construction materials in such areas shall be prohibited during the hours herein specified. Any person who knowingly and willfully violates the foregoing provision shall be deemed guilty of a misdemeanor punishable as elsewhere provided in this Code.

SEC 112.05 Maximum Noise Level of Powered Equipment or Powered Hand Tools

Between the hours of 7:00 A.M. and 10:00 P.M., in any residential zone of the City or within 500 feet thereof, no person shall operate or cause to be operated any powered equipment or powered hand tool that produces a maximum noise level exceeding the following noise limits at a distance of 50 feet therefrom:

(a) 75 dBA for construction, industrial, and agricultural machinery including crawler-tractors, dozers, rotary drills and augers, loaders, power shovels, cranes, derricks, motor graders, paving machines, off-highway trucks, ditchers, trenchers, compactors, scrapers, wagons, pavement breakers, compressors and pneumatic or other powered equipment;

(b) 75 dBA for powered equipment of 20 HP or less intended for infrequent use in residential areas, including chain saws, log chippers and powered hand tools;

(c) 65 dBA for powered equipment intended for repetitive use in residential areas, including lawn mowers, backpack blowers, small lawn and garden tools and riding tractors.

Said noise limitations shall not apply where compliance therewith is technically infeasible. The burden of proving that compliance is technically infeasible shall be upon the person or persons charged with a violation of this section. Technical infeasibility shall mean that said noise limitations cannot be complied with despite the use of mufflers, shields, sound barriers and/or other noise reduction device or techniques during the operation of the equipment.

SEC. 112.04 Powered Equipment Intended for Repetitive Use in Residential Areas and Other Machinery, Equipment, and Devices.

(b) Except as to the equipment and operations specifically mentioned and related elsewhere in this Chapter or for emergency work as that term is defined in Section 111.01(d), and except as to aircraft, tow tractors, aircraft auxiliary power units, trains and motor vehicles in their respective operations governed by State or federal

regulations, no person shall operate or cause to be operated any machinery, equipment, tools, or other mechanical or electrical device, or engage in any other activity in such manner as to create any noise which would cause the noise level on the premises of any other occupied property, or, if a condominium, apartment house, duplex, or attached business, within any adjoining unit, to exceed the ambient noise level by more than five (5) decibels.

SEC.112.02. Air Conditioning, Refrigeration, Heating, Plumbing, Filtering Equipment

(a) It shall be unlawful for any person, within any zone of the city, to operate any air conditioning, refrigeration or heating equipment for any residence or other structure or to operate any pumping, filtering or heating equipment for any pool or reservoir in such manner as to create any noise which would cause the noise level on the premises of any other occupied property … to exceed the ambient noise level by more than five decibels.

Ordinance No. 178,048

The City of Los Angeles Building Regulations Ordinance No. 178,048 requires a construction site notice to be posted on site that includes the job site address, permit number, name and phone number of the contractor and owner or owner's agent, hours of construction allowed by code or any discretionary approval for the Site, and City telephone numbers where violations can be reported. This notice is required to be posted and maintained at the construction site prior to the start of construction and displayed in a location that is readily visible to the public.

SEC. 116.01. Loud, Unnecessary And Unusual Noise

Notwithstanding any other provisions of this chapter and in addition thereto, it shall be unlawful for any person to willfully make or continue, or cause to be made or continued, any loud, unnecessary, and unusual noise which disturbs the peace or quiet of any neighborhood or which causes discomfort or annoyance to any reasonable person of normal sensitiveness residing in the area. The standard which may be considered in determining whether a violation of the provisions of this section exists may include, but not be limited to, the following: (a) The level of noise; (b) Whether the nature of the noise is usual or unusual; (c) Whether the origin of the noise is natural or unnatural; (d)The level and intensity of the background noise, if any; (e) The proximity of the noise to residential sleeping facilities; (f) The nature and zoning of the area within which the noise emanates; (g) The density of the inhabitation of the area within which the noise emanates; (h) The time of the day and night the noise occurs; (i) The duration of the noise; (j) Whether the noise is recurrent, intermittent, or constant; and (k) Whether the noise is produced by a commercial or noncommercial activity.

Ambient Noise Levels

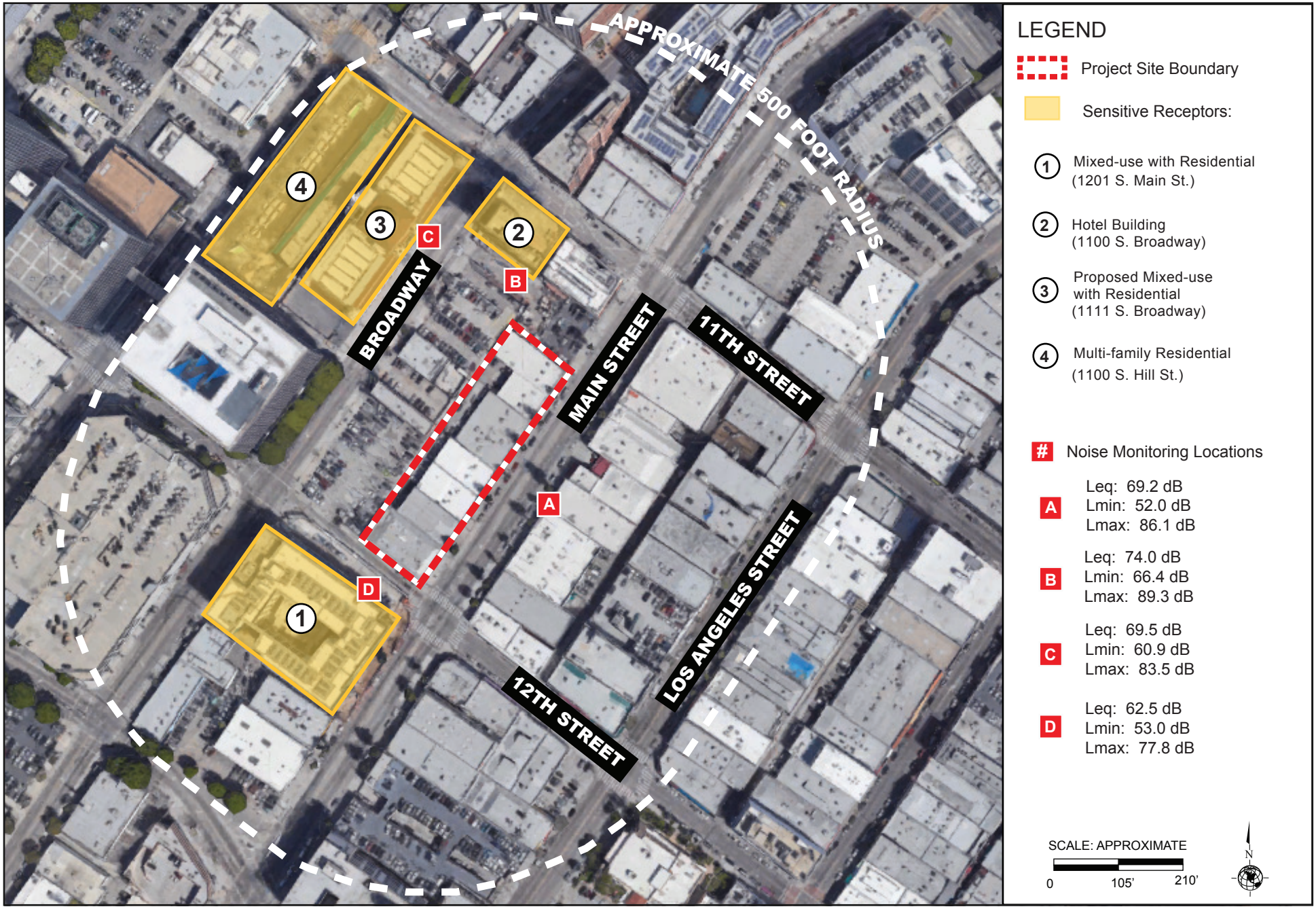
To assess the existing ambient noise conditions in the area, ambient noise measurements were taken with a Larson Davis 831 sound level meter, which conforms to industry standards set forth in ANSI S1.4-1983 (R2001) - American National Standard Specification for Sound Level Meters. Figure 6.2, Noise Monitoring and Sensitive Receptor Location Map, depicts the noise measurement locations fronting the adjacent residential and hotel uses as the most likely sensitive receptors to experience noise level increases during construction and at the major intersections surrounding the Project Site. The detailed noise monitoring data are presented in Appendix I, Noise Monitoring Data and Calculations Worksheets, and are summarized below in Table 6.18, Existing Ambient Noise Levels in Project Site Vicinity. As shown in Table 6.18, the ambient daytime noise in the vicinity of the Project Site ranges from 62.5 to 74.0 L_{eq}. The maximum instantaneous noise level during the four 15-minute recordings was 89.3 dB L_{max} at Location B, where active construction was occurring by the noise monitor. The primary noise sources that contributed most to the measured ambient noise levels were pedestrians and vehicle traffic, including cars and buses, as well as active construction in the vicinity of the Project Site.

Table 6.18
Existing Ambient Noise Levels in the Project Site Vicinity

No.	Location	Primary Noise Sources	Noise Level Statistics [a]		
			L_{eq}	L_{min}	L_{max}
A	On the east side of Main Street, between 11th Street and 12th Street	Moderate vehicle traffic, pedestrian traffic, buses, overhead planes	69.2	52.0	86.1
B	Along the southern border of Sensitive Receptor No.3	Vehicle traffic, pedestrian traffic, active construction of Sensitive Receptor No. 3	74.0	66.4	89.3
C	On the west side of Broadway, between 11th Street and 12th Street	Moderate vehicle traffic, light pedestrian traffic, buses, active construction on Sensitive Receptor No.4	69.5	60.9	83.5
D	On the south side of 12th Street, between Broadway and Main Street	Light vehicle traffic, light pedestrian traffic	62.5	53.0	77.8

[a] *Noise measurements were taken on Monday, April 1, 2019 between approximately 11:30 a.m. and 12:45 p.m. at each location for a duration of 15 minutes. See Appendix I of this SCEA for noise monitoring data sheets.*

Parker Environmental Consultants, 2019.



Source: Google Earth, Aerial View, 2019.

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Figure 6.2
Noise Monitoring and Sensitive Receptor Location Map

Sensitive Receptors

The surrounding land uses in the Project Site vicinity are generally office, commercial, and light industrial land uses, which are not considered sensitive to noise. Noise sensitive receptors are defined as: residences, transient lodgings, schools, libraries, churches, hospitals, nursing homes, auditoriums, concert halls, amphitheaters, playgrounds, and parks. Several noise sensitive land uses are located in the vicinity of the Proposed Project. For purposes of assessing noise impacts on sensitive populations, the following sensitive receptors in close proximity (within 500 feet) to the Project Site were identified. Table 6.19 below provides a summary of the sensitive receptors by address and land use and their respective proximity to the Project Site.

Table 6.19
Summary of Noise Sensitive Land Uses within 500 Feet of the Project Site

ID	Address	Land Use / Description	Distance to Project Site
1	1201 S. Main Street	Mixed-use building with multi-family residential	60 ft.
2	1100 S. Broadway	Hotel building	100 ft.
3	1111 S. Broadway	Proposed mixed-use building with multi-family residential	210 ft.
4	1100 S. Hill Street	Multi-family residential building	340 ft.
Source: Parker Environmental Consultants, 2019.			

The locations of these land uses relative to the Project Site are depicted in Figure 6.2, Noise Monitoring and Sensitive Receptor Location Map.

PROJECT-SPECIFIC IMPACTS

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less Than Significant With Mitigation Incorporated. A significant impact may occur if the Proposed Project would generate excess noise that would cause the ambient noise environment at the Project Site to exceed noise level standards set forth in the City of Los Angeles General Plan Noise Element (Noise Element) and the City of Los Angeles Noise Ordinance (Noise Ordinance). Implementation of the Proposed Project would result in an increase in ambient noise levels during both construction and operation, as discussed in further detail below. A significant impact may also occur if the Proposed Project were to result in a substantial temporary or periodic increase or a substantial permanent increase in ambient noise levels above existing ambient noise levels without the Proposed Project.

For operational noise impacts, a project would normally have a substantial permanent increase in ambient noise levels from Proposed Project operations if the Proposed Project causes the ambient noise level measured at the property line of affected uses that are shown in Table 6.17, City of Los Angeles Community Noise Exposure Guidelines, to increase by 3 dBA in CNEL to or within the "normally unacceptable" or "clearly unacceptable" category, or any 5 dBA or greater noise increase. Thus, a significant impact would occur if noise levels associated with operation of the Proposed Project would increase the ambient noise levels by 3 dBA CNEL at homes where the resulting noise level would be at least 70 dBA CNEL. In addition, any long-term increase of 5 dBA CNEL or more is considered to cause a significant impact. Generally, in order to achieve a 3 dBA CNEL increase in ambient noise from traffic, the volume on any given roadway would need to double. In addition to analyzing potential impacts in terms of CNEL, the analysis also addresses increases in on-site noise sources per the provisions of the LAMC, which establishes a L_{eq} standard of 5 dBA over ambient conditions as constituting a LAMC violation.

Construction Impacts

Construction-related noise impacts upon adjacent land uses would be significant if, as indicated in LAMC Section 112.05, noise from construction equipment within 500 feet of a residential zone exceeds 75 dBA at a distance of 50 feet from the noise source.[85] However, the above noise limitation does not apply where compliance is technically infeasible. Technically infeasible means that the above noise limitation cannot be complied with despite the use of mufflers, shields, sound barriers and/or any other noise reduction device or techniques during the operation of the equipment. Further, in compliance with LAMC Section 112.04, this analysis addresses whether construction activities would exceed existing ambient exterior noise levels by 5 dBA (hourly L_{eq}) or more in residential areas.

Construction of the Proposed Project would require the use of heavy equipment for demolition and site preparation, the installation of utilities, paving, and building construction. Construction of the Proposed Project would occur in five separate phases, which would not include overlap of the usage of construction equipment. During each construction phase there would be a different mix of equipment operating and noise levels would vary based on the amount of equipment in operation and the location of each activity. The Proposed Project's construction noise levels were estimated using the noise prediction and reference noise levels for construction equipment usage by phase based on the Federal Highway Administration's (FHWA) Roadway Construction Noise Model (RCNM, Version 1.1 (2006)). The average (hourly L_{eq}) construction noise levels by phase are based on the quantity, type, and usage factors for the construction equipment anticipated to be used during each phase of construction. The predicted construction noise levels at each of the sensitive receptors were then estimated based on respective distance

[85] *As shown in Figure 3.2, Zoning and General Plan Land Use Designations, the properties surrounding the Project Site are zoned for Commercial (C2) or Light Industrial (M2). Thus, LAMC Section 112.05 is not applicable to the Proposed Project. Notwithstanding the C2 and M2 zone designations, the Proposed Project's noise impacts upon adjacent residential land uses is addressed in this analysis in accordance with the LA CEQA Thresholds Guide.*

between the source and the receptor and other factors that would affect the noise levels such as intervening structures or barriers that provide sound attenuation.

Table 6.20, below, shows the estimated exterior construction noise levels at each of the five identified sensitive receptor locations. The Proposed Project's construction noise levels at Sensitive Receptor Nos. 3 and 4 would be below the construction significance criteria of 5-dBA increase over the ambient noise levels, and thus would not be significantly impacted by the Proposed Project. Construction noise levels at Sensitive Receptor No. 1 and 2, however, would potentially be exposed to noise levels that exceed a 5-dBA increase over the ambient noise levels and thus could be significantly impacted. As such, Mitigation Measure N-4 would require the contractor to install a temporary noise barrier during construction to attenuate the Proposed Project's construction noise levels by -20 dBA along the southern property line and a minimum of -6 dBA along the northern and eastern property lines. The performance standards specified in Mitigation Measure N-4 could be readily achieved with standard construction noise attenuation techniques and products such as plywood barriers and or chain link fencing wrapped with weatherproof noise insulating sound blankets.

Mitigation Measure N-4 would be capable of effectively attenuating construction noise produced by heavy equipment and activities on the ground level, but would not be effective in mitigating noise impacts during structural framing and architectural coating. As such, Mitigation Measure MM-N-5 requires the contractor to employ the use of temporary noise barriers to be placed at the source of noise sources on floors located above the first level to ensure noise levels are appropriately attenuated so as not to exceed a 5 dBA increase at nearby residential land uses. A noise reduction of 18 dBA would be sufficient to reduce construction noise levels from above

Table 6.20
Estimated Exterior Construction Noise at Nearest Sensitive Receptors

ID	Address/Land Use	Existing Exterior Ambient Noise (dBA L_{eq})	Unmitigated Construction Noise Levels (dBA L_{eq}) [a]	Construction Noise Significance Criteria (dBA L_{eq}) [b]	Construction Noise Impact Above Threshold (dBA L_{eq})
1	1201 S. Main Street / Mixed-use with Residential	62.5	84.6	67.5	17.1
2	1100 S. Broadway / Hotel Building	74.0	81.1	79.0	2.1
3	1111 S. Broadway / Proposed Mixed-use with Residential	69.5	74.3	74.5	0.0
4	1100 S. Hill Street / Multi-family Residential	69.5	70.4	74.5	0.0

Notes
[a] Unmitigated construction noise levels refer to the highest noise level of the five construction phases at each sensitive receptor. See RCNM Construction Noise Summary Worksheets in Appendix I.
[b] Significance criteria is based on the ambient noise levels plus 5 dBA, pursuant to LAMC Section 112.04..
Source: Roadway Construction Noise Model (RCNM),Version 1.1 (See Construction Noise Calculation Worksheets in Appendix I).

grade noise sources during the building construction and architectural coating phases to below the thresholds of significance. As such, construction noise impacts would be less than significant after mitigation.

The City of Los Angeles Building Regulations Ordinance No. 178,048 requires a construction site notice to be provided that includes the following information: job site address, permit number, name and phone number of the contractor and owner or owner's agent, hours of construction allowed by code or any discretionary approval for the Project Site, and City telephone numbers where violations can be reported. The notice is required to be posted and maintained at the construction site prior to the start of construction and displayed in a location that is readily visible to the public.

As noted in Mitigation Measures MM-N-1 through MM-N-5, below, noise control efforts to limit the construction activities' hours of construction, incorporate noise shielding devices and sound mufflers and operate machinery in a manner that reduces noise levels (i.e., not operating several pieces of equipment simultaneously if possible) would be effective in reducing noise impacts. The Proposed Project's construction noise levels would occur on a temporary and intermittent basis during the construction period of the Proposed Project. Pursuant to LAMC Section 41.40, exterior demolition and construction activities that generate noise are prohibited between the hours of 9:00 P.M. and 7:00 A.M. Monday through Friday, and between 6:00 P.M. and 8:00 A.M. on Saturday. Demolition and construction are prohibited on Sundays or any federal holidays. The construction activities associated with the Proposed Project would comply with these LAMC requirements. Mitigation Measure MM-N-1 would further restrict the permissible hours of construction to the hours of 7:00 A.M. to 6:00 P.M. Monday through Friday, and 8:00 A.M. to 6:00 P.M. on Saturday.

Regulatory Compliance Measures

RCM-N-1 The Project shall comply with the City of Los Angeles Noise Ordinance No. 144,331 and 161,574, and any subsequent ordinances, which prohibit the emission or creation of noise beyond certain levels at adjacent uses unless technically infeasible.

RCM-N-2 The Project shall comply with the City of Los Angeles Building Regulations Ordinance No. 178,048, which requires a construction site notice to be provided that includes the following information: job site address, permit number, name and phone number of the contractor and owner or owner's agent, hours of construction allowed by code or any discretionary approval for the site, and City telephone numbers where violations can be reported. The notice shall be posted and maintained at the construction site prior to the start of construction and displayed in a location that is readily visible to the public.

Mitigation Measures:

- **Increased Noise Levels (Demolition, Grading, and Construction Activities)**

  MM-N-1 Construction and demolition shall be restricted to the hours of 7:00 AM to 6:00 PM Monday through Friday, and 8:00 AM to 6:00 PM on Saturday.

  MM-N-2 Demolition and construction activities shall be scheduled so as to avoid operating several pieces of equipment simultaneously, which causes high noise levels.

  MM-N-3 The project contractor shall use power construction equipment with noise shielding and muffling devices.

  MM-N-4 The project contractor shall erect a minimum 8-foot high temporary noise-attenuating sound barrier along the perimeter of the Project Site during construction. The sound barrier along the 12th Street frontage shall be designed to provide a minimum sound attenuation of -18 dBA at Sensitive Receptor #1 (the Axis Apartments Mixed-Use Building located at 1201 S. Main Street) and a minimum of 2.1 dBA at Sensitive Receptor #2 (the Proper Hotel located at 1100 S. Broadway).

  MM-N-5 During structural framing, the project contractor shall utilize temporary portable acoustic barriers, partitions, or acoustic blankets to effectively block the line-of-sight between noise producing equipment and the adjacent residential land uses for purposes of ensuring noise levels at the adjacent sensitive receptors does not exceed 5 dBA over the ambient noise levels.

Operational Noise

HVAC Equipment Noise

Upon completion and operation of the Proposed Project, on-site operational noise would be generated by heating, ventilation, and air conditioning (HVAC) equipment installed on the new structures. However, the noise levels generated by these equipment types are not anticipated to be substantially greater than those generated by the current HVAC equipment serving the existing buildings on the Project Site and in the Project vicinity. As such, the HVAC equipment associated with the Proposed Project would not represent a new source of noise in the Project Site vicinity. In addition, the operation of this and any other on-site stationary sources of noise would be required to comply with the LAMC Section 112.02, which prohibits noise from air conditioning, refrigeration, heating, pumping, and filtering equipment from exceeding the ambient noise level on the premises of other occupied properties by more than five decibels. Based on estimated A-weighted noise ratings published for standard HVAC equipment,[86] sound

[86] *Carrier Corporation, Product Data Sheet for 25HBC5 Base 15 Heat Pump with Puron Refrigerant (1 ½ to 5 Nominal Tons.*

power from rooftop mounted HVAC equipment would be expected to range from 69 dBA L_{eq} to 74 dBA L_{eq} at the source. Therefore, as a conservative estimate, a reference level of 74 dBA L_{eq} was utilized to analyze HVAC equipment noise levels. Based on the respective distances to the sensitive receptors the maximum noise level produced by the HVAC equipment, the highest anticipated noise level is approximately 38.77 dBA $L_{eq,}$ which occurs at Sensitive Receptor No. 3. As this noise level is significantly below the ambient noise levels, the sound of HVAC equipment would not be audible at the neighboring sensitive receptors. **As such, noise from mechanical equipment would be less than significant.**

5th Level Amenity Deck Noise

The Proposed Project includes a total of 29,701 square feet of outdoor amenity space. The Proposed Project includes a main amenity deck on the 5th floor and a smaller outdoor amenity space on the roof level. The amenity deck on the 5th floor is proposed as a residential outdoor amenity space with a pool deck, basketball court, barbecue area, tables, and seating areas. An indoor amenity space is also proposed on the 5th floor, which includes a multipurpose room, private dining room, screening room, business center, recreation center, fitness rooms, and a reservable party room. The exterior 5th Floor residential amenity deck area is approximately 27,160 square feet and, based on an average occupancy load of 50 square feet per person, this space is anticipated to accommodate up to 543 persons (270 persons on the north terrace and 273 persons on the south terrace). The intended use of the amenity deck and outdoor courtyards would be to have the residents and guests to lounge outside and utilize the available amenities. The roof level amenity deck includes approximately 2,541 square feet of outdoor space with an estimated occupancy of 51 persons.

There is no objective criteria for analyzing outdoor human activities within amenity spaces (i.e., crowd noise). The only applicable criteria the LAMC code provides is LAMC Section 116.01, which states that it shall be unlawful for any person to willfully make or continue, or cause to be made or continued, any loud, unnecessary and unusual noise which disturbs the peace or quiet of any neighborhood or which causes discomfort or annoyance to any reasonable person of normal sensitiveness residing in the area. It is not expected that the intended uses would violate the prohibition of "loud, unnecessary and unusual noise" criteria.

Based on the maximum occupancy loads of the outdoor spaces on the 5th level amenity deck and reference noise levels of 65 dBA and 62 dBA (L_{eq} at a distance of 3.3 feet) for a male and a female speaking in a raised voice, respectively, noise levels from these outdoor spaces were estimated at each of the respective sensitive receptors.[87] The combined noise levels from passive recreational activities on the outdoor amenity deck at the same time are summarized in Table 6.21, below. Noise levels from the courtyard activities would not exceed the 5-dBA threshold above ambient at any of the sensitive receptors. **Therefore, noise impacts associated with operational activities from the outdoor courtyards would be less than significant.**

[87] *Cyril M. Harris, Handbook of Acoustical Measurements and Noise Control, Third Edition, 1991.*

Table 6.21
Estimated Operational Noise Levels and Composite Noise Levels

ID# [a]	Ambient Noise Level	Outdoor Decks Noise Level	HVAC Equipment Noise Level	Composite Noise Level	Significance Criteria (dBA L_{eq})	Significant Impact?
1	62.50	65.14	38.09	67.03	67.50	NO
2	74.00	63.37	37.88	74.36	79.00	NO
3	69.50	59.28	38.77	69.90	74.50	NO
4	69.50	51.37	25.45	69.57	74.50	NO

[a] Refer to Table 6.18 for description of Sensitive Receptors.
Source: Calculations based on Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, May 2006 and Caltrans' Technical Noise Supplement, September 2013. See Appendix I to this SCEA. Parker Environmental Consultants, 2021.

Loading Dock / Trash Collection Noise

The loading entrance for refuse trucks to enter the Project Site would be located along the adjacent alley running along the western perimeter of the Project Site. The Proposed Project includes an enclosed area within the ground floor for refuse and recycling collection that would block the line of site to surrounding sensitive receptors, therefore providing a sound-attenuating buffer between the noise source and the sensitive receptors. Noise from loading and trash collection would be temporary and occur only a few times a week. Additionally, the noise levels would be isolated within the parking structure levels, which would result in a less than significant noise impact to surrounding sensitive receptors, because noise from the parking structure levels would be entirely contained within the structure and would not be audible outdoors. As these sources would be entirely contained within the proposed parking structures, they would not contribute to the exterior ambient noise levels in the Project vicinity.

Parking Structure Noise

Operational-related noise generated by motor driven vehicles within the Project Site is regulated under the LAMC. Specifically, with regard to motor driven vehicles, LAMC Section 114.02 prohibits the operation of any motor driven vehicles upon any property within the City such that the created noise would cause the noise level on the premises of any occupied residential property to exceed the ambient noise level by more than five decibels.

The primary full-access entrance to the parking garage would be from the adjacent alleyway on the western property line, and an additional full-access driveway along Main Street. Additional entrance-only and exit-only driveways to access the handicapped parking would be located along the alleyway. As discussed in Section 3, Project Description, the Proposed Project would provide 373 on-site parking spaces on the ground level and levels two through four above grade. Parking structures generate noise from vehicles engines, tires squealing, doors closing, car alarms, and people talking. Noise levels within the garage structure would fluctuate based on the types of simultaneous noise sources and the overall level of activity within the garage. Operational-related noise generated by motor driven vehicles within the Project Site is regulated under the LAMC. Specifically, with regard to motor driven vehicles, LAMC Section 114.02

prohibits the operation of any motor driven vehicles upon any property within the City such that the created noise would cause the noise level on the premises of any occupied residential property to exceed the ambient noise level by more than five decibels. ***As such, noise impacts from the Proposed Project's parking areas would be less than significant.***

Composite Noise Levels

On-site noise sources associated with the Proposed Project would include mechanical HVAC equipment and outdoor amenity activities. Since parking noise would be completely enclosed, noise levels from these areas would not significantly increase ambient noise levels. Composite noise levels were estimated to analyze the impact from the combination of all on-site noise sources from the Project Site to the surrounding sensitive receptors. Table 6.21, Estimated Operational Noise Levels and Composite Noise Levels, shows the noise levels from all on-site sources and estimates the total composite noise levels at the surrounding sensitive receptors from the Project Site. This analysis is conservative since these noise levels represent the maximum capacities in the amenity deck. **Therefore, the Proposed Project would not increase ambient noise levels by 5 dB, and a less than significant impact would occur.**

Off-Site Traffic Noise

The Proposed Project would increase traffic volumes on the surrounding roadways, which in turn has the potential to increase roadway noise. Based on the principles of roadway noise, it would take a doubling of the roadway's traffic to generate a perceptible increase (3 dBA) in the ambient roadway noise volume. Thus, if a project would result in traffic that is less than double the existing traffic, then the Proposed Project's mobile noise impacts can be assumed to be less than significant. According to the Proposed Project's Transportation Study, the proposed development would result in a net increase of 463 net daily vehicle trips, including 69 AM peak hour trips and 40 PM peak hour trips. For purposes of analyzing the Proposed Project's traffic noise impacts, the traffic volumes at the two adjacent intersections analyzed in the Proposed Project's Transportation Study, Intersection No. 5: Main Street and 11th Street and Intersection No. 6: Main Street and 12th Street were analyzed. Per the Traffic Impact Study, it is estimated that approximately 8,620 daily trips occur at the intersection of Main Street and 11th Street and approximately 8,726 daily trips occur at the intersection of Main Street and 12th Street. The Proposed Project's estimated 463 average daily trips would represent a small percent increase in the daily traffic volume at these intersections. Therefore, the Proposed Project would not double the traffic along the closest intersections and thus would not exceed the 3-dBA CNEL threshold of significance at the nearby study intersections and roadways. ***Thus, the Proposed Project's mobile source noise impact would be less than significant.***

b) Generation of, excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact. Vibration is sound radiated through the ground. Vibration can result from a source (e.g., subway operations, vehicles, machinery equipment, etc.) causing the adjacent ground to move, thereby creating vibration waves that propagate through the soil to the foundations of nearby buildings. This effect is referred to as groundborne vibration. The peak

particle velocity (PPV) or the root mean square (RMS) velocity is usually used to describe vibration levels. PPV is defined as the maximum instantaneous peak of the vibration level and is typically used for evaluating potential building damage. RMS is defined as the square root of the average of the squared amplitude of the level. RMS velocity in decibels (VdB) is typically more suitable for evaluating human response.

The background vibration velocity level in residential areas is usually around 50 VdB. The vibration velocity level threshold of perception for humans is approximately 65 VdB. A vibration velocity level of 75 VdB is the approximate dividing line between barely perceptible and distinctly perceptible levels for most people. Most perceptible indoor vibration is caused by sources within buildings such as operation of mechanical equipment, movement of people, or the slamming of doors. Typical outdoor sources of perceptible groundborne vibration are construction equipment, steel-wheeled trains, and traffic on rough roads. If a roadway is smooth, the groundborne vibration from traffic is rarely perceptible. The range of interest is from approximately 50 VdB, which is the typical background vibration velocity level, to 100 VdB, which is the general threshold where minor damage can occur in fragile buildings.

Construction Vibration

Excavation and earthwork activities for the Proposed Project have the potential to generate low levels of groundborne vibration. The operation of construction equipment generates vibrations that propagate through the ground and diminishes in intensity with distance from the source. Vibration impacts can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibration at moderate levels, to slight damage of buildings at the highest levels. Thus, construction activities associated with the Proposed Project could have an adverse impact on sensitive structures (i.e., building damage).

For purposes of addressing construction-related vibration impacts on buildings, the City of Los Angeles has not adopted any policies or guidelines relative to groundborne vibration impacts. While the Los Angeles County Code (LACC Section 12.08.350) states a presumed perception threshold of 0.01 inch per second RMS, this threshold applies to groundborne vibrations from long-term operational activities, not construction. Consequently, as neither the City of Los Angeles nor the County of Los Angeles have an adopted significance threshold to assess vibration impacts during construction, the FTA and Caltrans adopted vibration standards for buildings which are referenced to evaluate potential impacts related to project construction. This analysis uses the FTA adopted vibration standards for buildings. Based on FTA criteria, construction impacts relative to structural damage from groundborne vibration would be considered significant if the following thresholds were to occur as shown in Table 6.22, below.

Table 6.22
Construction Vibration Damage Criteria

Threshold Criteria	PPV (in/sec)	Approximate RMS velocity in decibels (VdB) (re 1 micro-inch/second)
Building Category		
I. Reinforced-concrete, steel or timber (no plaster)	0.5	102
II. Engineered concrete and masonry (no plaster)	0.3	98
III. Non-engineered timber and masonry buildings	0.2	94
IV. Buildings extremely susceptible to vibration damage	0.12	90

Source: Federal Transit Administration, Office of Planning and Environment
Federal Transit Administration, Transit Noise and Vibration Impact Assessment (Table 12-3) May 2006.

Table 6.23, Vibration Source Levels for Construction Equipment, identifies various PPV and RMS velocity (in VdB) levels for the types of construction equipment that would operate at the Project Site during construction. As mentioned above, each of the five construction phases would occur individually, with no overlap of the construction equipment between phases. As shown in Table 6.23, vibration velocities could range from 0.003 to 0.089 inch/sec PPV at 25 feet from the source activity, with corresponding vibration levels ranging from 58 VdB to 87 VdB at 25 feet from the source activity, depending on the type of construction equipment in use.

Table 6.23
Vibration Source Levels for Construction Equipment

Equipment	Approximate PPV (in/sec)					Approximate RMS (VdB)				
	25 Feet	50 Feet	60 Feet	75 Feet	100 Feet	25 Feet	50 Feet	60 Feet	75 Feet	100 Feet
Large Bulldozer	0.089	0.031	0.024	0.017	0.011	87	78	76	73	69
Caisson Drilling	0.089	0.031	0.024	0.017	0.011	87	78	76	73	69
Loaded Trucks	0.076	0.027	0.020	0.015	0.010	86	77	75	72	68
Jackhammer	0.035	0.012	0.009	0.007	0.004	79	70	68	65	61
Small Bulldozer	0.003	0.001	0.0008	0.0006	0.0004	58	49	47	44	40

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, 2006.

Structural Vibration Impacts

For purposes of addressing construction-related vibration impacts on buildings, the City has not adopted any policies or guidelines relative to groundborne vibration impacts. Consequently, the FTA adopted vibration standards for buildings which were used to evaluate potential impacts related to Proposed Project construction. Based on FTA criteria, construction impacts relative to structural damage from groundborne vibration would be considered significant if the following thresholds were to occur as shown in Table 6.23, above.

There are no buildings immediately adjacent to the Project Site's property lines. The Project Site is bordered by streets, an alleyway, and surface parking. As such, the Proposed Project's construction activities would have no groundborne vibration impact to any surrounding structures. As such, the Proposed Project's construction activities would have no groundborne vibration impact to any surrounding structures.

Table 6.24
Estimated Structural Vibration Damage Levels at Nearest Structures

No.	Sensitive Land Use	Distance from Project Site (ft)	Estimated Vibration Levels (PPV in/sec)	Threshold of Significance [a]	Significant Impact?
1	Commercial buildings west of the Project Site, across the alley	12	0.17	0.3	No
Source: Source: Federal Transit Administration, Office of Planning and Environment Federal Transit Administration, Transit Noise and Vibration Impact Assessment (Table 12-3) May 2006. Parker Environmental Consultants, 2019.					

Operation

The Proposed Project is a mixed-use development and would not involve the use of stationary equipment that would result in high vibration levels. Although groundborne vibration at the Project Site and immediate vicinity may currently result from heavy-duty vehicular travel (e.g., refuse trucks and transit buses) along Main Street, 12th Street and the alleyway, the proposed land uses would not result in a substantial increase in the use of these heavy-duty vehicles on the public roadways. While refuse trucks would be used for the removal of solid waste at the Project Site, the collection of refuse is temporary and would occur within the enclosed parking structure which would effectively attenuate groundborne vibration and noise impacts. ***As such, vibration impacts associated with operation of the Proposed Project would be less than significant.***

c) For a project located within the vicinity of a private airstrip or an airport land use plan, or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. A significant impact may occur if the Proposed Project were located within an airport land use plan and would introduce substantial new sources of noise or substantially add to existing sources of noise within or in the vicinity of the Project Site. There are no airports or private air strips within a two-mile radius of the Project Site, and the Project Site is not within any airport land use plan or airport hazard zone. The Proposed Project would not expose people to excessive noise levels associated with airport uses. ***Therefore, the Proposed Project would not expose people residing or working in the project area to excessive noise levels and no impact would occur.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects identified in Section 3, Project Description, would result in an increase in construction-related and traffic-related noise as well as on-site stationary noise sources in the already urbanized area of the City of Los Angeles. The two closest related projects are Related Project No. 28, located immediately east of the Project Site, across Main Street, and Related Project No. 42, located immediately west of the Project Site, across the alleyway. The Project Applicant has no control over the timing or sequencing of the related projects that have been identified within the Proposed Project study area and it is impossible to predict with any degree of certainty the occurrence of concurrent construction activities. However, it is possible that these related projects when coupled with the noise impacts of the Proposed Project, could result in a cumulatively significant noise impact. Construction-period noise for the Proposed Project and each related project (that has not yet been built) would be localized and mitigated on a project-by-project basis. In addition, each of the related projects would be required to comply with the City's noise ordinance, as well as mitigation measures that may be prescribed pursuant to CEQA provisions that require potentially significant impacts to be reduced with feasible mitigation. As demonstrated above, Project construction noise impacts, with the implementation of Mitigation Measures MM-N-1 through MM-N-5, would result in less than significant impacts. ***As such, because each related project would be required to comply with the City's noise ordinance, cumulative impacts associated with construction noise would be mitigated to less than significant levels.***

XIV. Population and Housing

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐Error! Bookmark not defined.	☒

a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less Than Significant Impact. A significant impact may occur if the Proposed Project would locate new development such as homes, businesses, or infrastructure, with the effect of substantially inducing growth in the proposed area that would otherwise not have occurred as rapidly or in as great a magnitude. The determination of whether the project results in a significant impact on population and housing growth shall be made considering: (a) the degree to which a project would cause growth (i.e., new housing or employment generators) or accelerate development in an undeveloped area that exceeds projected/planned levels for the year of project occupancy/buildout, and that would result in an adverse physical change in the environment; (b) whether the project would introduce unplanned infrastructure that was not previously evaluated in the adopted Community Plan or General Plan; and (c) the extent to which growth would occur without implementation of the project.

In October 2008, SCAG approved and adopted the "2008 Regional Comprehensive Plan for the SCAG Region – Helping Communities Achieve A Sustainable Future" (2008 RCP). The 2008 RCP is a long-term comprehensive plan that provides a strategic vision for handling the region's land use, housing, economic, transportation, environmental, and overall quality of life needs. The 2008 RCP is intended to serve as an advisory document for local agencies in the SCAG region. The following vision statement and guiding principles are based on the region's adopted Compass Growth Vision Principles for Sustaining a Livable Region. These statements further articulate how the RCP can promote and sustain the region's mobility, livability, and prosperity for future generations.

RCP Vision

To foster a Southern California region that addresses future needs while recognizing the interrelationship between economic prosperity, natural resource sustainability, and quality of life. Through measured performance and tangible outcomes, the RCP serves as both a voluntary action plan with short-term guidance and strategic, long-term initiatives that are guided by the following Guiding Principles for sustaining a livable region.

RCP Guiding Principles

- *Improve mobility for all residents.* Improve the efficiency of the transportation system by strategically adding new travel choices to enhance system connectivity in concert with land use decisions and environmental objectives.

- *Foster livability in all communities.* Foster safe, healthy, walkable communities with diverse services, strong civic participation, affordable housing and equal distribution of environmental benefits.

- *Enable prosperity for all people.* Promote economic vitality and new economies by providing housing, education, and job training opportunities for all people.

- *Promote sustainability for future generations.* Promote a region where quality of life and economic prosperity for future generations are supported by the sustainable use of natural resources.

SCAG's Compass Growth Vision Strategy

SCAG's Compass Growth Vision, adopted in 2004, and incorporated into the 2008 RCP, encourages better relationships between housing, transportation, and employment. The Growth Vision is driven by four key principles: (1) Mobility – Getting where we want to go, (2) Livability – Creating positive communities, (3) Prosperity – Long-term health for the region, and (4) Sustainability – Preserving natural surroundings. Additionally, the Compass Growth Vision incorporates a 2% Growth Strategy that will increase the region's mobility by:

- Putting new employment centers and new neighborhoods near major transit systems so that people can have transportation choices other than their cars.

- Designing safe, attractive transit centers and plazas that people enjoy using.

- Creating mini-communities around transit stations, with small businesses, urban housing and restaurants all within an easy walk.

Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

On September 3, 2020, SCAG's Regional Council adopted 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy (2020-2045 RTP/SCS) - a plan that the Regional

Council now calls Connect SoCal. Connect SoCal builds upon and expands land use and transportation strategies established over several planning cycles to increase mobility options and achieve a more sustainable growth pattern.

Based on the regional growth projections in Connect SoCal, the City had an estimated permanent population of approximately 3,933,800 persons and approximately 1,367,000 residences in 2016. By the year 2045, SCAG forecasts that the City will increase to 4,771,300 persons (or a 21% increase since the year 2016) and approximately 1,793,000 residences (or a 31% increase since the year 2016). Employment within the City is expected to grow by 287,600 jobs, which is an approximate 16 percent increase in employment between 2016 and 2045. SCAG's population, housing, and employment projections for the City, Los Angeles County, and the SCAG region as a whole for 2016 and 2045 are further summarized in Table 6.25, below.

Table 6.25
SCAG Population and Housing Projections for the City of Los Angeles, Los Angeles County, and the SCAG Region

Population			
Region	**2016**	**2045**	**%Growth (2016-2045)**
Los Angeles City	3,933,800	4,771,300	21%
Los Angeles County	10,110,000	11,674,000	15%
SCAG Region	18,832,000	22,504,000	19%
Households			
Region	**2016**	**2045**	**%Growth (2016-2045)**
Los Angeles City	1,367,000	1,793,000	31%
Los Angeles County	3,319,000	4,119,000	24%
SCAG Region	6,012,000	7,633,000	27%
Employment			
Region	**2016**	**2045**	**%Growth (2016-2045)**
Los Angeles City	1,848,300	2,135,900	16%
Los Angeles County	4,743,000	5,382,000	13%
SCAG Region	8,389,000	10,049,000	20%

Source: SCAG, Connect SoCal, Demographics and Growth Forecast Appendix, Table 13 – County Forecast of Population, Households, and Employment and Table 14 – Jurisdiction-Level Growth Forecast, adopted September 3, 2020.

The Proposed Project is an infill development project within the Central City Community Plan Area within the City of Los Angeles. With respect to regional growth forecasts, SCAG forecasts the City of Los Angeles Subregion will experience a population increase to 4.77 million persons by 2045. As shown in Table 6.25, below, SCAG population and housing projections from 2016 through 2045 envisions a population growth of 837,500 additional persons (an approximate 21% growth rate) in the City of Los Angeles and 3,672,000 additional persons (an approximate 19%

growth rate) in the entire SCAG Region. The number of households within the City of Los Angeles is anticipated to increase by 426,000 households, or approximately 31% between 2016 and 2045. The number of households within the SCAG Region is anticipated to increase by 1,621,000 households, or approximately 27% between 2016 and 2045. The number of employment opportunities is anticipated to increase by 287,600 jobs (approximately 16%) in the City of Los Angeles between 2016 and 2045, and the SCAG Region is anticipated to increase by 1,660,000 jobs (approximately 20%) between 2016 and 2045.

Construction Impacts

Construction job opportunities created as a result of the Proposed Project are not expected to result in any substantial population growth in the Project area. The work requirements of most construction projects are highly specialized so that construction workers remain at a job site only for the timeframe in which their specific skills are needed to complete a particular phase of the construction process.

Additionally, the construction workers would likely be supplied from the region's labor pool. Construction workers would not be likely to relocate their household as a consequence of working on the Proposed Project, and as such, significant housing or population impacts would not result from construction of the Proposed Project. Therefore, construction-related population growth impacts would be less than significant.

Operational Impacts

The Project Site is currently developed with four commercial/retail buildings with a total of 28,110 square feet of floor area and a paved surface parking lot. The Proposed Project would include the demolition of the existing buildings on-site. The Proposed Project would result in the development of a 30-story mixed-use residential and commercial building with total of 363 dwelling units and 12,500 square feet of commercial/retail uses.

Population generation is shown in Table 6.26, and employee generation is shown in Table 6.26. It is estimated that the Proposed Project would generate approximately 875 residents and roughly 25 employees. Based on the City's current household demographics (e.g., an average of 2.41 persons per household for the Study Area), the construction of 363 additional dwelling units would result in an increase in up to approximately 875 net permanent residents in the City of Los Angeles.[88] The proposed increase in housing units and population would be consistent with the SCAG forecast of additional households and persons in the City of Los Angeles between 2016 and 2045.

[88] *Based on the U.S. Census Bureau, American Community Survey (ACS) PUMS database, the City of Los Angeles' citywide average population for multifamily housing is estimated to be 2.41 persons per household. (Jack Tsao, Data Analyst II, Department of City Planning Demographic Unit, June12, 2020).*

Table 6.26
Project Estimated Population Generation

Land Use	Quantity	Population Generation Rates	Total Population
Project			
Apartments	363 dwelling units	2.41 person / DU [a]	875
		Total Increase in Population	**875**

Note: DU = dwelling unit
[a] *This estimate is based on the U.S. Census Bureau, American Community Survey (ACS) PUMS database. The City of Los Angeles citywide average population for multifamily housing is estimated to be 2.41 persons per household. (Jack Tsao, Data Analyst II, Department of City Planning Demographic Unit, June 12, 2020).*

With respect to employment growth, it can be assumed that most of the jobs and employees generated by the Proposed Project would already reside within the City of Los Angeles. The additional employees generated by the Proposed Project would contribute to a fraction of one percent of SCAG's employment growth forecast for the City of Los Angeles. Thus, the increase in employment opportunities as a result of the Proposed Project is within SCAG's employment growth forecast. It can be assumed that most of the employees generated by the Proposed Project would already reside within the City of Los Angeles or County of Los Angeles. Thus, any population growth generated by the Proposed Project would be well within SCAG's population growth projections.

Table 6.27
Project Estimated Employment Generation

Land Use	Size	Employee Generation Rates	Total Employees[1]
Proposed Project			
Commercial/Retail [b]	12,500 sf	2 employee / 1,000 sf [a]	25
		NET Total Project Employees	**25**

Note: sf = square feet
[a] *The employee generation factor for commercial/retail uses were taken from the City of Los Angeles Department of Transportation VMT Calculator, Version 1.3, (See Appendix J.1, CEQA VMT Analysis, to this SCEA..*

Localized Growth Forecasts

Table 6.25 shows the Southern California Association of Government's (SCAG) population and housing growth for the City of Los Angeles to the year 2045.

The Proposed Project's 363 new units, estimated 875 future residents, and roughly 25 employees would be well within SCAG estimates of growth for the City between 2016 and 2045.

Therefore, the Proposed Project would result in a less than significant impact with respect to population, housing, and employment growth.

Additionally, the Proposed Project would not cause growth (i.e., new housing or employment generators) or accelerate development in an undeveloped area that exceeds projected/planned levels for the year of Proposed Project occupancy/buildout, and that would result in an adverse physical change in the environment; or introduce unplanned infrastructure that was not previously evaluated in the adopted Community Plan or General Plan. ***Therefore, impacts related to infrastructure would be less than significant.***

b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. A significant impact may occur if the Proposed Project would result in the displacement of existing housing units, necessitating the construction of replacement housing elsewhere. The Proposed Project would consist of the development of a mixed-use residential and commercial building on a site that is currently occupied by four commercial/retail buildings and a paved surface parking lot. Therefore, no displacement of existing housing or residents would occur with the development of the Proposed Project. ***Thus, the Proposed Project would not displace substantial numbers of people or housing and no impact would occur.***

Cumulative Impacts

Less Than Significant Impact. The related projects would introduce additional residential related uses to the Project Site area. Any residential related projects would result in direct population growth in the Project Site area.

As discussed in Question XIV(a), the Proposed Project would not exceed the growth projections of SCAG's Connect SoCal plan for the City of Los Angeles subregion. Because the Proposed Project would not displace any residents, and population growth potentially associated with the Proposed Project has already been anticipated per SCAG projections, the Proposed Project's population growth would not be cumulatively considerable. Therefore, the Proposed Project's cumulative impacts to population and housing would be less than significant.

With respect to population growth from permanent employment, jobs in commercial land uses typically do not generate substantial population growth within the region. As such, jobs are generally filled by residents that already reside within close proximity to those jobs. Further, residential neighborhoods would be supportive and complementary to the proposed commercial land uses. ***As such, the related projects would not generate substantial indirect population growth or demand for new housing, and a less than significant impact would occur.***

XV. Public Services

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Fire protection?	☐	☐	☒	☐
b. Police protection?	☐	☐	☒	☐
c. Schools?	☐	☐	☒	☐
d. Parks?	☐	☐	☒	☐
e. Other public facilities?	☐	☐	☒	☐

PROJECT-SPECIFIC IMPACTS

The location of public services (including fire services, police protection services, parks, and libraries) in the Project vicinity and that service the Project Site shown in Figure 6.3, below.

a) Fire protection?

Less Than Significant Impact. A project would normally have a significant impact on fire protection if it requires the addition of a new fire station or the expansion, consolidation or relocation of an existing facility to maintain service. Section 15382 of the CEQA guidelines defines "significant effect on the environment" as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant." Thus, the addition of a new fire station or the expansion, consolidation or relocation of an existing facility to maintain service would only be considered significant if such activities result in a physical adverse impact upon the environment.[89] Moreover, in *City of Hayward v. Board of Trustee of California State University* (2015) 242 Cal. App. 4th 833, the court found that Section 35 of Article XIII of the California Constitution requires local agencies to provide public safety

[89] *City of Hayward et al. v. Board of Trustees of the California State University (2015).*

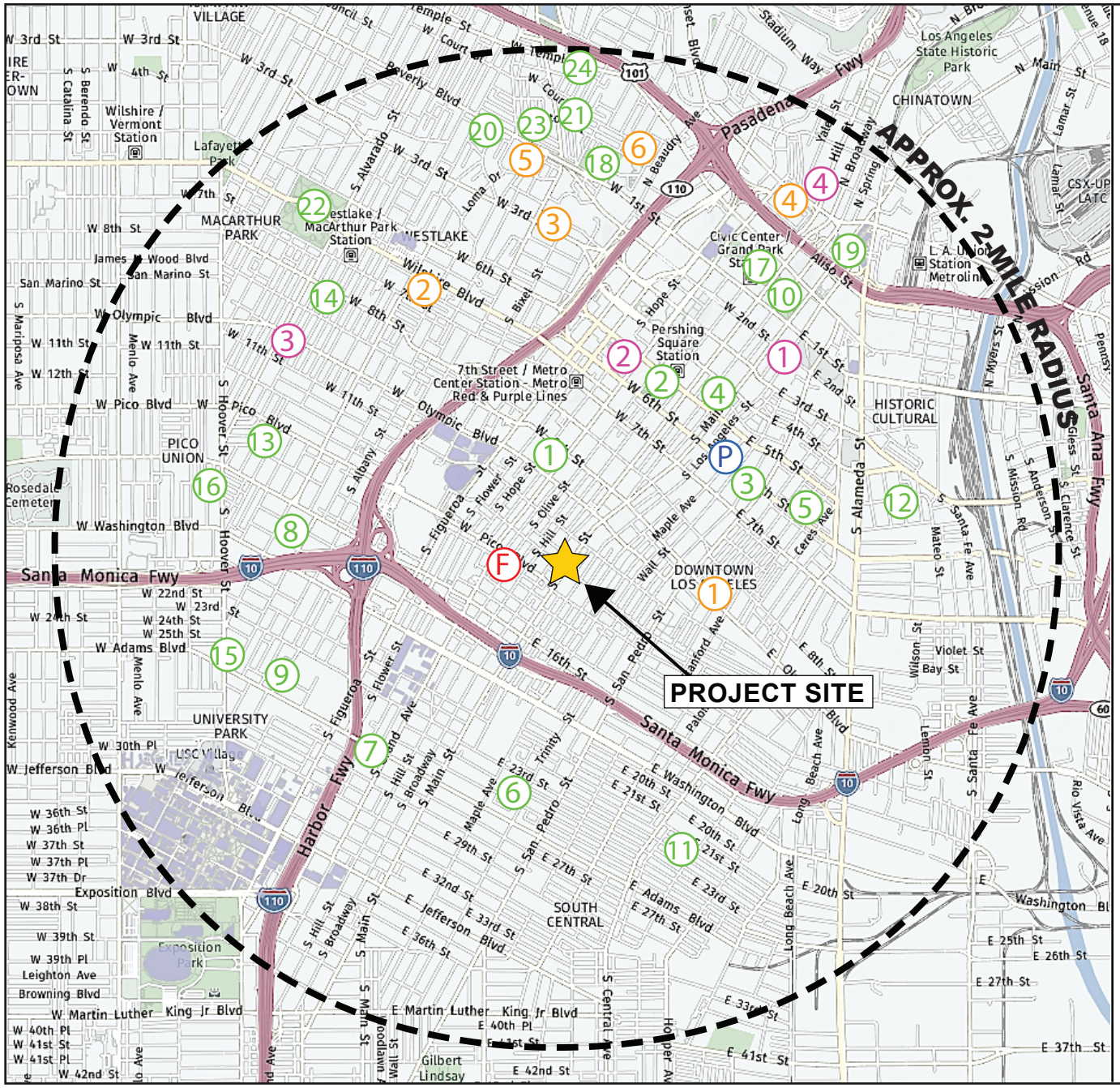
services, including fire protection and emergency medical services, and it is reasonable to conclude that the City will comply with that provision to ensure that public safety services are provided.

The City of Los Angeles Fire Department (LAFD) considers fire protection services for a project adequate if a project is within the maximum response distance and has the minimum fire flow required for the land use proposed. Pursuant to Section 57.507.3.3, Table 507.3.3, of the 2017 City of Los Angeles Fire Code, the maximum response distance between commercial land uses and a LAFD fire station that houses an engine company or truck company is one mile or 1.5 miles, respectively. If either of these distances were exceeded, all structures located in the applicable residential or commercial area would be required to install automatic fire sprinkler systems. With such systems installed, fire protection would be considered adequate even if the project were located beyond the maximum response distance.

Construction

Construction of the Proposed Project would increase the potential for accidental on-site fires from the operation of construction equipment and the use of flammable construction materials. The implementation of best management practices (BMPs) for the operation of mechanical equipment and the use of flammable construction materials by construction contractors and work crews would minimize fire hazards associated with the construction of the Proposed Project. The BMPs that would be implemented during construction of the Proposed Project would include: keeping mechanical equipment in good operating condition, and as required by law, carefully storing flammable materials in appropriate containers, and the immediate and complete cleanup of spills of flammable materials when they occur.

Construction activities also have the potential to affect fire protection services, such as emergency vehicle response times, by adding construction traffic to the street network and potentially requiring partial lane closures during street improvements and utility installations. Thus, construction could have the potential to adversely affect fire access. However, these impacts are considered to be less than significant because emergency access would be maintained to the Project Site and surrounding vicinity during construction through marked emergency access points approved by the LAFD, construction impacts are temporary in nature and do not cause lasting effects, and no complete lane closures are anticipated. Additionally, if any partial street closures are required, flagmen would be used to facilitate the traffic flow until construction is complete. ***Construction activities of the Proposed Project would result in a less than significant impact to fire services.***



LEGEND

F LAFD Station No. 10

P Central Community Police Station

Schools
1. 9th Street Elementary
2. John H. Liechty Middle School
3. Miguel Contreras Learning Complex
4. Ramon C. Cortines School
5. Belmont Senior High
6. Edward R. Roybal Learning Center

Parks
1. Grand Hope Park
2. Pershing Square Park
3. San Julian Park
4. Spring Street
5. 6th & Gladys Street Park
6. Trinity Recreation Center
7. Orthopeadic Hospital Playground
8. Toberman Recreation Center
9. Saint James Park
10. City Hall Park Center
11. Central Park Recreation Center/Pool
12. Arts District Park
13. Alvarado Terrace Park
14. Hope and Peace Park
15. Hoover Recreaton Center
16. Pico Union Park
17. Grand Park
18. Vista Hermosa Park
19. Los Angeles Plaza Park
20. Unidad Park
21. Echo Deep Pool
22. Mac Arthur Park
23. Rockwood Community Park
24. Patton Street Park

Library
1. Central Library
2. Little Tokyo Branch Library
3. Pico Union Library
4. Chinatown Branch Library

Source: Yahoo Maps, 2019.

PARKER ENVIRONMENTAL CONSULTANTS

Figure 6.3
Public Services in the Project Site Vicinity

Operation

A project would normally have a significant impact on fire protection if it requires the addition of a new fire station or the expansion, consolidation or relocation of an existing facility to maintain service that would result in a physical adverse impact upon the environment.

The LAFD considers fire protection services for a project adequate if a project is within the maximum response distance for the land use proposed. Pursuant to LAMC Section 57.507.3.3, the maximum response distance between commercial land uses and a LAFD fire station that houses an engine company or a truck company is one mile or 1.5 miles, respectively. If the distance is exceeded, all structures located in the applicable commercial area would be required to install automatic fire sprinkler systems. With such systems installed, fire protection would be considered adequate even if the Proposed Project is located beyond the maximum response distance. Although the Proposed Project is within the adequate response distance, the Proposed Project would install a fire sprinkler system to ensure safety from any fire hazards that may occur within the building.

The Proposed Project would include up to 363 dwelling units and 12,500 square feet of ground floor commercial/retail and would generate approximately 875 new residents and 25 employees.[90] The Proposed Project would increase the utilization of the Project Site, which is currently occupied by four one-story commercial/retail buildings and would potentially increase the demand for LAFD services. The Project Site is served by LAFD Station No. 10, located at 1335 S. Olive Street, approximately 0.7 miles southwest (driving distance) of the Project Site. Fire Station No. 10 provides a paramedic rescue ambulance, basic life support rescue ambulance, and assessment light force. The next closest fire station that services the Project Site is Fire Station No. 9, located at 430 E. 7th Street, approximately 0.9 miles east (driving distance) of the Project Site. Fire Station No. 9 provides two assessment engines, basic life support truck, two paramedic rescue ambulances, and fast response unit. Based on the response distance criteria specified in LAMC 57.09.07A and the relatively short distance from Fire Station No. 9 to the Project Site (which provides an engine company and truck company), fire protection response would be considered adequate. The Proposed Project would work with LAFD and incorporate LAFD's recommendations relative to fire safety into the building plans. As part of the normal building permit process, the Project Applicant would submit a plot plan for review and approval by the LAFD either prior to the approval of a building permit. The plot plan shall include the following minimum design features: fire lanes, where required, shall be a minimum of 20 feet in width; all structures must be within 300 feet of an approved fire hydrant. There are three hydrants located on Main Street between 11th Street and 12th Street; one located at the southwest corner of 11th Street and Main Street, one located mid-block on the west side of Main Street fronting the Project Site, and one located on the southeast corner of Main Street and 12th Street. Thus, compliance with regulatory compliance measures regarding fire protection and safety would ensure that any impacts upon fire services created by the Proposed Project would be less than significant.

[90] *See Section XIV, Population and Housing.*

Emergency vehicle access to the Project Site would continue to be provided from local and major roadways (i.e. 12th Street and Main Street). All circulation improvements proposed would be in compliance with the Fire Code, including any additional access requirements of the LAFD. Additionally, emergency access to the Project Site would be maintained at all times during both Project construction and operation. Therefore, impacts related to emergency access would be less than significant.

The adequacy of fire protection is also based upon the required fire flow, equipment access, and LAFD's safety requirements regarding needs and service for the area. The required fire flow necessary for fire protection varies with the type of development, life hazard, occupancy, and the degree of fire hazard. Pursuant to LAMC Section 57.09.06, City-established fire flow requirements vary from 2,000 gallons per minute (gpm) in low-density residential areas to 12,000 gpm in high-density commercial or industrial areas. In any instance, a minimum residual water pressure of 20 pounds per square inch (PSI) is to remain in the water system while the required gpm is flowing. Based on correspondence with the LAFD (Appendix H to this SCEA), minimum fire flow requirement for the Proposed Project is 6,000 to 9,000 gallons per minute (gpm) from four to six adjacent hydrants flowing simultaneously. A Service Advisory Request/Fire Service Pressure Flow Report (SAR) would be prepared and approved for the Proposed Project by the Department of Water and Power (LADWP) to ensure that fire flow requirements are considered adequate for the Project Site. With approval from LADWP, development of the Proposed Project would result in a less than significant impact to fire flow requirements. The adequacy of existing water pressure and availability in the Project area with respect to required fire flow would be confirmed by LAFD during the plan check review process. As part of the normal building permit process, the Project Applicant would submit a plot plan for review and approval by the LAFD either prior to the approval of a building permit. The plot plan shall include the following minimum design features: fire lanes, where required, shall be a minimum of 20 feet in width; all structures must be within 300 feet of an approved fire hydrant. Thus, compliance with regulatory compliance measures regarding fire protection and safety would ensure that that fire protection services are adequate within the proposed building and around the Project Site. ***Operation of the Proposed Project would not result in the increased demand for additional LAFD facilities, therefore, the Proposed Project would result in a less than significant impact to fire protection services.***

Regulatory Compliance Measures

RCM-PS-1 **Public Services (LAFD).** The following recommendations of the Fire Department relative to fire safety shall be incorporated into the building plans, which includes the submittal of a plot plan for approval by the Fire Department either prior to the recordation of a final map or the approval of a building permit. The plot plan shall include the following minimum design features:

- Fire lanes, where required, shall be a minimum of 20 feet in width;
- All structures must be within 300 feet of an approved fire hydrant; and

- Entrances to any dwelling unit or guest room shall not be more than 150 feet in distance in horizontal travel from the edge of the roadway of an improved street or approved fire lane.
- Prior to plan check review, the Project Applicant shall consult with the Los Angeles Fire Department regarding the installation of public and/or private fire hydrants, sprinklers, access, and/or other fire protection features within the Project. All required fire protection features shall be installed to the satisfaction of the Los Angeles Fire Department.

b) Police protection?

Less Than Significant Impact. A significant impact may occur if the City of Los Angeles Police Department (LAPD) could not adequately serve a project, necessitating a new or physically altered station that would result in a physical adverse impact upon the environment. Section 15382 of the CEQA guidelines defines "significant effect on the environment" as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant." Thus, the addition of a new police station or police substation, if warranted, would only be considered significant if such activities result in a physical adverse impact upon the environment.[91] Moreover, in *City of Hayward v. Board of Trustee of California State University* (2015) 242 Cal. App. 4th 833, the court found that Section 35 of Article XIII of the California Constitution requires local agencies to provide public safety services, including police protection services, and that it is reasonable to conclude that the city will comply with that provision to ensure that public safety services are provided.

The Project Site is currently served by LAPD Central Bureau, which oversees LAPD operations in the Central, Hollenbeck, Newton, and Rampart areas. The Central Community Police Station, located at 251 East 6th Street, approximately 0.9 mile northeast (driving distance) and five minutes without traffic from the Project Site. The Central Community Police Station area is approximately 4.5 square miles, consists of 52 Reporting Districts, and includes the communities of Chinatown, Little Tokyo, South Park, Central City East, Historic Core, Financial District, Artist Lofts, Olvera Street, Jewelry District, the Convention Center, and the Fashion District. The service boundaries for Central Area are as follows: Stadium Way, Pasadena Freeway (SR-110) to the north, Washington Boulevard, 7th Street to the south, Los Angeles River to the east, and the Harbor Freeway (I-110) to the west.

The Central Community Police Station has approximately 370 sworn personnel and 30 civilian support staff assigned. It is a culturally diverse community with a population of approximately 40,000 people. The offer to resident ratio is: 1 officer to 108 residents in the Central Area.

[91] *City of Hayward et al. v. Board of Trustees of th88e California State University (2015).*

Additionally, there are special service teams available within the LAPD to service Central Area. Central Police Station's emergency response system is directly linked to the LAPD's Communications Division's Dispatch Centers. Communications Division has the responsibility to staff and answer, on a 24-hour basis, the telephones upon which calls for service are received. This includes 911 emergency calls (police, fire, and paramedic). The average response time to emergency calls for service in Central Area during 2018 was 2.8 minutes. The average response time for non-emergency calls for service in Central Area during 2018 was 19.6 minutes.[92] Table 6.28, Central City Police Station Crime Statistics, provides crime statistics for Central City area in the City of Los Angeles.

Table 6.28
Central Area Crime Statistics

Crimes	2018	2017	2016
Homicide	14	21	11
Rape	97	106	90
Robbery	694	720	682
Aggravated Assault	1,072	1,189	909
Burglary	349	375	324
Motor Vehicle Theft	418	395	399
Burglary From Motor Vehicle	1,743	1,368	1,101
Personal / Other Theft	2,995	2,741	2,634

Notes:
Source: LAPD Correspondence Letter, Main Street Tower Project, June 12, 2019 (See Appendix H to this SCEA).

Construction

Construction sites, if left unsecured, have the potential to attract trespassers and/or vandals that would potentially result in graffiti, excess trash, and potentially unsafe conditions for the public. Such occurrences would adversely affect the aesthetic character of the Project Site and surrounding area and could potentially cause public health and safety concerns. As part of the standard condition of approval issued by the Department of Building and Safety, the Applicant will be required to ensure the Project Site is secure and does not pose a nuisance to pedestrians or adjacent property owners during construction. Temporary construction fencing shall be placed along the periphery of the active construction areas to screen as much of the construction activity from view at the local street level and to keep unpermitted persons from entering the construction area. ***As such, with adherence to regulations and project conditions, Proposed Project impacts would be less than significant during the construction period.***

[92] *Los Angeles Police Department Correspondence Letter, Main Street Tower Project, June 12, 2019 (See Appendix H to this SCEA).*

Operation

Development of the Proposed Project would result in a net increase of residents, employees, visitors, and patrons to the Project Site, thereby generating a potential increase in the number of service calls from the Project Site over the current conditions. Responses to thefts, vehicle burglaries, vehicle damage, traffic-related incidents, and crimes against persons would be anticipated to escalate as a result of the increased on-site activity and increased traffic on adjacent streets and arterials. Upon completion of the Proposed Project, the Applicant would provide the Central Area Commanding Officer with a diagram of each portion of the Proposed Project. The diagram should include access routes and any additional information that might facilitate police response. The Proposed Project would include adequate and strategically positioned functional and thematic lighting to enhance public safety. Visually obstructed and infrequently accessed "dead zones" would be limited. The building and layout design of the Proposed Project would also include crime prevention features, such as nighttime security lighting and secure parking facilities. In addition, the continuous visible and non-visible presence of people at all times of the day would provide a sense of security during evening and early morning hours. As such, the Proposed Project residents and employees would be able to monitor suspicious activity at the building entry points. ***These preventative and proactive security measures would decrease the amount of service calls to the LAPD. With incorporation of the security design features, which will be confirmed through the Site Plan Review process, construction of the Proposed Project would not result in the increased demand for additional LAPD facilities, therefore, the Proposed Project would result in a less than significant impact upon police services.***

Project Design Features

PDF-PS-1 **Public Services (Police – Demolition / Construction Sites).** Fences shall be constructed around the site to minimize trespassing, vandalism, short-cut attractions and attractive nuisances.

PDF-PS-2 **Public Services (Police – Operation).** The plans shall incorporate the design guidelines relative to security, semi-public and private spaces, which may include but not be limited to: surveillance cameras, access control to building, secured parking facilities, walls/fences with key systems, well-illuminated public and semi-public space designed with a minimum of dead space to eliminate areas of concealment, location of toilet facilities or building entrances in high-foot traffic areas, and provision of security guard patrol throughout the project site if needed.

c) Schools?

Less Than Significant Impact. A significant impact may occur if a project includes substantial employment or population growth, which could generate a demand for school facilities that would exceed the capacity of the Los Angeles Unified School District (LAUSD). The Project Site is located in LAUSD Board District 2. The Project Site is currently served by one elementary

school, one middle school, and four high schools. Table 6.29, Resident Schools Serving the Project Site, details the names, grades served, and location of each school.

Table 6.29
Resident Schools Serving the Project Site

School Name	Grades	Address
9th Street Elementary School	K-5	835 Stanford Avenue
John H. Leichty Middle School	6-8	650 S. Union Avenue
Miguel Contreras Learning Complex (includes: Academic Leadership Community, School of Business and Tourism, School of Social Justice, and School of Global Studies)	9-12	322 S. Lucas Avenue
Ramon C. Cortines School of Visual and Performing Arts	9-12	450 N. Grand Avenue
Belmont Senior High School	9-12	1575 W. 2nd Street
Edward R. Roybal Learning Center	9-12	1200 W. Colton Street

Source: Los Angeles Unified School District, Resident School Identifier, website: http://rsi.lausd.net/ResidentSchoolIdentifier/, accessed July 2021.

As shown in Table 6.30, Proposed Project Estimated Student Generation, the Proposed Project would generate approximately 87 elementary students, 24 middle school students, 50 high school students, and 9 special day class (SDC) students for a total of approximately 170 students. Based on correspondence with LAUSD, dated May 29, 2019 (see Appendix H to this SCEA), all of the schools serving the Project Site do not experience overcrowding except the John H. Leichty Middle School. Pursuant to Government Code Section 65995, the mandatory payment of developer fees to the LAUSD is deemed to provide full and complete mitigation of school facilities impacts. Payment of applicable development school fees to the LAUSD would offset additional student enrollment at schools serving the Project Site.

Table 6.30
Proposed Project Estimated Student Generation

Land Use	Size	Elementary School Students	Middle School Students	High School Students	SDC Students	Total Students
Proposed Project						
Multi-Family [a]	363 du	83	23	48	8	162
Commercial/Retail [b]	12,500 sf	4	1	2	1	8
Total Project Student Generation:		**87**	**24**	**50**	**9**	**170**

Notes: SDC = special day class, sf = square feet; du = dwelling units; emp = employees

[a] *Student generation rates are as follows for multi-family residential uses: 0.2269 elementary, 0.0611 middle and 0.1296 high school students, and 0.0194 SDC students per unit.*

[b] *Per Table 15 of the 2020 LAUSD Developer Fee Justification Study, the number of students generated by the Proposed Project's commercial/retail uses is based on the neighborhood shopping center's generation factor of 2.71 employees per square feet and 0.2354 students per employee. Since the LAUSD Developer Fee Justification Study does not specify the grade levels of students that are generated from non-residential land uses, the total number of students for the elementary, middle, high school, and SDCs was estimated based on the same ratio as the residential generation (51% elementary school, 15% middle school, 30% high school, and 5% SDC).*

Source: Los Angeles Unified School District, 2020 Developer Fee Justification Study, March 2020.

As such, the Project Applicant would be required to pay all applicable developer fees to the LAUSD to offset the Proposed Project's demands upon local schools. Pursuant to Government Code Section 65995, payment of development fees authorized by SB 50 are deemed to be "full and complete school facilities mitigation." Prior to issuance of a building permit, the General Manager of the City of Los Angeles, Department of Building and Safety, or designee, shall ensure that the Applicant has paid all applicable school facility development fees in accordance with California Government Code Section 65995. ***With the payment of School Development Fee, the Proposed Project's potential impact upon public school services would be less than significant.***

Regulatory Compliance Measures

RCM-PS-2 **Public Services (Schools).** The Applicant shall pay school fees to the Los Angeles Unified School District to offset the impact of additional student enrollment at schools serving the project area.

d) Parks?

Less Than Significant Impact. A significant impact would occur if the recreation and park services available could not accommodate the projected population increase resulting from implementation of a project or if the proposed project resulted in the construction of new recreation and park facilities that create significant direct or indirect impacts to the environment.

The Public Recreation Plan (PRP), a portion of the Service Systems Element of the City of Los Angeles General Plan, provides standards for the provision of recreational facilities throughout the City and includes Local Recreation Standards. The desired long-range standard for local parks is based on two acres per 1,000 persons for neighborhood parks and two acres per 1,000 persons for community parks or four acres per 1,000 persons of combined neighborhood and community parks. However, the PRP also notes that these long-range standards may not be reached during the life of the plan, and, therefore, includes more attainable short- and intermediate-range standards of one (1) acre per 1,000 persons for neighborhood parks and one (1) acre per 1,000 persons for community parks, or two (2) acres per 1,000 people of combined neighborhood and community parks. These standards are Citywide goals and are not intended to be requirements for individual development projects. The Public Recreation Element of the City's General Plan also recognizes that the achievement of such goals is not the responsibility of individual development projects and that such goals will be met by "seek[ing] federal, state and private funds to implement acquisition and development of parks and recreational facilities."

The Project Site is located within a highly urbanized area of the Central City community and, as shown in Table 6.31, Recreation and Park Facilities within the Project Area, has access to approximately 69 acres of parkland and public recreation facilities within a two-mile radius. As summarized in Table 6.31 below, these facilities range in size from a 0.2-acre pocket park to the 29.86-acre MacArthur Park. The Proposed Project would provide approximately 39,601 square feet (1.04 acres) of total common open space and amenities on-site available exclusively to

serve Project residents and guests, which meets the minimum usable open space requirement in LAMC. The Proposed Project includes a variety of on-site amenities including, but not limited to, a fifth level amenity deck and roof deck, thereby exceeding the required square feet of open space required by the LAMC. In addition, the Project Applicant would be required to pay all applicable fees pursuant to the Parks Dedication and Fee Update Ordinance (Ordinance No. 184,505) or Quimby Fees, which would be used to provide additional park facilities in the Project area. **With payment of the mandatory developer fees, the Proposed Project's increased demands upon public parkland and recreation facilities would be reduced to less than significant levels.**

Regulatory Compliance Measure

RCM-PS-3 **Recreation (Increased Demand for Parks or Recreational Facilities).** Pursuant to Sections 12.33 and/or 17.12 of the Los Angeles Municipal Code, the Project Applicant shall pay the applicable Quimby fees for construction of dwelling units.

e) Other public facilities?

Less Than Significant Impact. A significant impact may occur if a project includes substantial employment or population growth that could generate a demand for other public facilities (such as libraries), which would exceed the capacity available to serve the Project Site. The determination of whether the project results in a significant impact on libraries is made considering the following factors: (a) the net population increase resulting from the Project; (b) the demand for library services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to library services (renovation, expansion, addition or relocation) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for library services (e.g., on-site library facilities or direct financial support to the Los Angeles Public Library).

Within the City, the Los Angeles Public Library (LAPL) provides library services at the Central Library, seven regional branch libraries, 56 community branches and two bookmobile units, consisting of a total of five individual bookmobiles. Approximately 6.5 million books and other materials comprise the LAPL collection. The LAPL branches currently serving the Project Site include:

- Central Library (538,000 square feet) located at 630 W. 5th Street, approximately 0.75 miles north of the Project Site;
- Little Tokyo Branch Library (12,500 square feet), located at 203 S. Los Angeles, Street, approximately 1.1 miles north of the Project Site;

Table 6.31
Recreation and Park Facilities within the Project Area

Park Name	Size (acres)	Park Amenities	Approx. Distance from Project Site (miles)
1. Grand Hope Park	2.50	Clock tower, open space (lawns), and children's play area	0.50
2. Pershing Square Park	4.44	Ice skating rink (seasonal), stage, sunken amphitheater	0.80
3. San Julian Park	0.30	Open space, benches, picnic tables	0.86
4. Spring Street Park	0.56	Open space, benches, and children's play area	0.87
5. 6th & Gladys Street Park	0.34	Open space and basketball court	0.94
6. Trinity Recreation Center	2.06	Auditorium, basketball courts (lighted/outdoor), open space, children's play area.	1.05
7. Orthopedic Hospital Universal Access Playground	0.17	Children's playground	1.11
8. Toberman Recreation Center	2.20	Auditorium, barbecue pits, baseball diamond (lighted), children's play area, community room, indoor gym, picnic tables	1.14
9. Saint James Park	0.98	Children's play area, open space	1.31
10. City Hall Park Center	1.20	Open space and benches	1.31
11. Central Park Recreational Center and Pool	0.70	Basketball courts (lighted/indoor), children's play area, pool	1.33
12. Arts District Park	0.54	Children's play area, picnic area	1.36
13. Alvarado Terrace Park	0.91	Children's play area and gazebo	1.37
14. Hope and Peace Park	0.57	Basketball courts and benches	1.41
15. Hoover Recreation Center	2.46	Basketball courts, children's play area, picnic tables, indoor gym, barbecue pits, kitchen, gym	1.43
16. Pico Union Park	0.75	Children's play area, picnic tables	1.47
17. Grand Park	12.00	Children's play area, fountain, open space	1.50
18. Vista Hermosa Park	2.13	Children's play area, picnic tables, soccer field	1.60
19. Los Angeles Plaza Park (El Pueblo de Los Angeles Monument)	2.60	Open space, benches, museums, and Olvera Street	1.69
20. Unidad Park (Beverly Park)	0.33	Children's play area, benches	1.76
21. Echo Deep Pool	1.04	Year-round indoor pool which offers various programming	1.78
22. Mac Arthur Park	29.86	Lake, recreation center, open space, benches, children's play area, auditorium, picnic tables, walking paths, auditorium, class room, and paddle boats	1.83
23. Rockwood Community Park	0.38	Children's play area, benches	1.78
24. Patton Street Park	0.20	Children's play area, outdoor fitness equipment, walking path, benches	1.88
Total Parkland (Approximate):	**69.22**		

Sources: Park distances, size, and amenities were determined using:
(1) City of Los Angeles Department of Recreation and Parks, Facility Locator, http://www.laparks.org/; and
(2) Navigate LA, http://navigatela.lacity.org/navigatela/, accessed February 2019.
Parker Environmental Consultants, 2019.

- Echo Park Branch Library (17,543 square feet), located at 1410 W. Temple Street, approximately 1.9 miles north of the Project Site;
- Pico Union Branch (12,500 square feet), located at 1030 S. Alvarado Street, approximately 1.4 miles northwest of the Project Site; and
- Chinatown Branch Library (14,500 square feet), located at 639 N. Hill Street, approximately 1.7 miles northeast of the Project Site.[93]

LAPL Criteria for New Libraries (formerly Site Selection Guidelines) recommended sizes for libraries are 12,500 square foot facilities for communities with less than a population of 45,000 and 14,500 square foot facilities for communities with a population of more than 45,000. At 500,000 square feet the Central Library far exceeds these criteria and currently meets the library demands of the surrounding community.

Construction

Construction workers of the Proposed Project would not typically frequent libraries during work hours, but are more likely to use libraries near their homes during non-work hours. **Therefore, potential impacts to library service and facilities would be less than significant during construction of the Proposed Project.**

Operation

The Proposed Project would generate approximately 875 residents. The additional 875 residents represent a negligible amount of the current service population of the Pico Union Branch Library, Little Tokyo Branch Library, Echo Park Branch Library, and Chinatown Branch Library, and would be accommodated in the future service population of the Central Library, which serves the entire City. The LAPL has indicated that there are no current plans to build new libraries that would serve the Project area.[94] ***Therefore, potential impacts to library service and facilities by residents would be less than significant.***

Cumulative Impacts

Less Than Significant Impact. Development of the residential related projects is projected to generate additional employment, housing, and resident population within the Project Site area, which would likely generate additional demands upon fire protection services, police protection services, schools, parks, and library services. As part of the City's annual budget review process, the City assesses the needs for public services and allocates funds via existing mechanisms (e.g., sales taxes, government funding, and developer fees), to which the

[93] *City of Los Angeles Public Library, Aurial Granger, Management Assistant, Facilities & Event Management, Main Street Tower Project Request for Information, June 21, 2019 (see Appendix H).*

[94] *City of Los Angeles Public Library, Aurial Granger, Management Assistant, Facilities & Event Management, Main Street Tower Project Request for Information, June 21, 2019. (see Appendix H)*

Proposed Project and related projects would contribute. The cumulative impacts upon each of the service providers is addressed below.

Fire

With respect to fire services, the Proposed Project, in combination with the related projects, could increase the demand for fire protection services in the LAFD service area. Specifically, there could be increased demands for additional LAFD staffing, equipment, and facilities over time. Over time, LAFD would continue to monitor population growth and land development throughout the City and identify additional resource needs including staffing, equipment, trucks and engines, ambulances, other special apparatuses, and possibly station expansions or new station construction that may become necessary to achieve the desired level of service. To the extent cumulative development causes the need for additional fire stations to be built throughout the City, the development of such stations would be on small infill lots within existing developed areas and would generally be exempt from CEQA as a Class 32 infill project and is not likely to cause a significant impact upon the environment. Nevertheless, the siting and development of any new fire stations would be subject to further CEQA review and evaluated on a case-by-case basis. ***However, as the LAFD does not currently have any plans for new fire stations to be developed in proximity to the Project Site, cumulative impacts upon LAFD services would be less than significant.***

Police

With respect to police services, the Proposed Project, in combination with the related projects, would increase the demand for police protection services in the Project area. Specifically, there would be an increased demand for additional LAPD staffing, equipment, and facilities over time. This need would be funded via existing mechanisms (e.g., sales taxes, government funding, and developer fees), to which the Proposed Project and related projects would contribute. In addition, each of the related projects would be individually subject to LAPD review and would be required to comply with all applicable safety requirements of the LAPD and the City of Los Angeles in order to adequately address police protection service demands. Furthermore, each of the related projects would likely install and/or incorporate adequate crime prevention design features in consultation with the LAPD, as necessary, to further decrease the demand for police protection services. To the extent cumulative development causes the need for additional police stations to be built throughout the City, the development of such stations would be on small infill lots within existing developed areas and would not likely cause a significant impact upon the environment. Nevertheless, the siting and development of any new police stations would be subject to further CEQA review and evaluated on a case-by-case basis. However, as the LAPD does not currently have any plans for new police stations to be developed in proximity to the Project Site, no impacts are currently anticipated to occur. ***On this basis, the Proposed Project would not make a cumulatively considerable impact to police protection services, and cumulative impacts on police protection would be less than significant.***

Schools

With respect to cumulative impacts upon schools, the Proposed Project, in combination with related projects is expected to result in a cumulative increase in the demand for school services within the LAUSD service area. Development of the related projects would likely generate additional demands upon school services. These related projects would have the potential to generate students that would attend the same schools as the Proposed Project. However, each of the new housing developments would be responsible for paying mandatory school fees to mitigate the increased demand for school services. ***Cumulative impacts on schools would be less than significant.***

Parks

With respect to cumulative impacts upon parks, development of the Proposed Project in conjunction with related projects could result in an increase in permanent residents residing in the greater Project area. Additional cumulative development would contribute to lowering the City's existing parkland to population ratio, which is currently below the preferred standard. However, each of the residential related projects are required to comply with payment of Parks and Recreation Fees, to the extent applicable. Each residential related project would also be required to comply with the on-site open space requirements of the LAMC. ***Therefore, with payment of the applicable recreation fees on a project-by-project basis, the Proposed Project would not make a cumulatively considerable impact to parks and recreational facilities, and cumulative impacts would be less than significant.***

Libraries

Development of the related projects is projected to generate additional housing and residents within the study area, which would likely generate additional demands upon library services. This increase in resident population would result in a cumulative increase in demands upon public library services. To meet the increased demands upon the City's Public Library system, Los Angeles voters passed a Library Bond Issue for $178.3 million to improve, renovate, expand, and construct 32 branch libraries. Since the Program's inception in 1998, the Library Department and the Department of Public Works, Bureau of Engineering have made considerable progress in the design and construction of the branch library facilities. Based on the growth forecasts utilized in the 2015-2020 Strategic Plan, much of this growth has already been accounted for in planning new and expanded library facilities. The LAPL offers more than 6.5 million items, including books, magazines, photos, movies, e-books, podcasts, audiobooks, and streaming video; 1,000 online courses; and more than 18,000 public programs.[95] The LAPL is committed to increase the number of people who use the library services, to increase the number of library cardholders and actively promote the robustly market programs and services to increase residents' overall engagement with the libraries.[96] Moreover, the Central Library far exceeds the LAPL criteria for its service area. ***Thus, the additional population generated by the Proposed Project and the related projects would not make a cumulatively considerable impact upon the City's library system.***

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[95] *Los Angeles Public Library Strategic Plan 2015–2020, June 2015.*

[96] *Los Angeles Public Library Strategic Plan 2015-2020, June 2015.*

XVI. Recreation

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

a) Would the project Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facilities would occur or be accelerated?

Less Than Significant Impact. For the purpose of this SCEA, a significant impact may occur if the project would include substantial employment or population growth, which would increase the use of existing neighborhood and regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated. The determination of whether the project results in a significant impact on recreation and parks shall be made considering the following factors: (a) the net population increase resulting from the proposed project; (b) the demand for recreation and park services anticipated at the time of project buildout compared to the expected level of service available. Consider, as applicable, scheduled improvements to recreation and park services (renovation, expansion, or addition) and the project's proportional contribution to the demand; and (c) whether the project includes features that would reduce the demand for park services (e.g., on-site recreation facilities, land dedication, or direct financial support to the Department of Recreation and Parks).

The Proposed Project would generate approximately 875 residents[97] and would provide a minimum of 39,601 square feet of open space areas, including common open space areas within a 5th level amenity deck and roof deck. The availability of these on-site recreation amenities and opportunities would serve to reduce the demand for off-site park services. Notwithstanding the availability of on-site recreational amenities and open space areas, it is

[97] *U.S. Census Bureau, American Community Survey (ACS) PUMS database. The City of Los Angeles citywide average population for multifamily housing is estimated to be 2.41 persons per household. (Jack Tsao, Data Analyst II, Department of City Planning Demographic Unit, June12, 2020).*

reasonable to assume that the future occupants of the Proposed Project would utilize recreation and park facilities in the surrounding area. As noted in Table 6.31, above, there are 24 existing, new, and recently improved parks within the Project Area totaling approximately 69 acres that are available to serve the future residents, guests, and retail visitors to the Project Site. Notable new additions to the downtown area are Patton Street, Park, Spring Street Park, and Arts District Park. In addition, the Proposed Project would provide approximately 39,601 square feet (1.12 acres) of open space and recreational facilities on-site that would be available exclusively to serve Project residents and their guests including, but not limited to, a fifth level amenity deck and roof deck. The availability of these on-site recreation amenities and opportunities would serve to reduce the demand for off-site park services, and accordingly the Proposed Project would not substantially increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. In addition, the Project Applicant would be required to pay all applicable fees pursuant to the Parks Dedication and Fee Update Ordinance (Ordinance No. 184,505) or Quimby Fees, which would be used to provide additional park facilities in the Project area. which would be used to provide additional park facilities in the Project area. Therefore, the Proposed Project's impact upon parks and recreational facilities would be reduced to a less-than-significant level. ***Accordingly, the Proposed Project's impact upon parks and recreational facilities would be less than significant.***

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

Less Than Significant Impact. A significant impact may occur if a project includes the construction or expansion of park facilities and such construction would have a significant adverse effect on the environment. As noted above, there are 24 existing, new, or recently improved parks within the Project Area totaling approximately 69 acres that are available to serve the future residents, guests, and retail visitors to the Project Site. The Proposed Project would also provide approximately 39,601 square feet of open space and recreational facilities on-site. Citywide park standards are Citywide goals and are not intended to be requirements for individual development projects. The Public Recreation Element of the City's General Plan also recognizes that the achievement of such goals is not the responsibility of individual development projects and that such goals will be met by "seek[ing] federal, state and private funds to implement acquisition and development of parks and recreational facilities." The Proposed Project's increased demands upon recreational facilities would not in and of itself require or result in the construction of a new park, which might have an adverse physical effect on the environment. ***Thus, impacts to park and recreational facilities would be less than significant.***

Cumulative Impacts

Less Than Significant Impact. The Proposed Project in combination with the related projects would be expected to increase the cumulative demand for parks and recreational facilities in the City. A number of new parks and recently renovated park improvements have been made in the

downtown area to accommodate cumulative demands created by increased residential development. Similar to the Proposed Project's requirement to pay fees to improve recreation and park facilities, the related projects that include residential units would be required to pay park mitigation fees or applicable Quimby fees to mitigate impacts upon park and recreational facilities and to provide additional funds to meet Citywide park goals. Additionally, each related project would be subject to the provisions of the LAMC for providing on-site open space, which is proportionately based on the amount of new development. ***Because the Proposed Project would have a less than significant incremental contribution to the potential cumulative impact on recreational resources, the Proposed Project would have a less than significant cumulative impact on such resources.***

XVII. Transportation

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b)?	☐	☐	☒	☐
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d. Result in inadequate emergency access?	☐	☐	☒	☐

The following section summarizes and incorporates by reference the information provided in the Main Street Tower, Supplemental Vehicle Miles Traveled Analysis, prepared by Crain & Associates, dated November 21, 2019. The Supplemental VMT Analysis and the City of Los Angeles Department of Transportation (LADOT) correspondence of approval for the Supplemental VMT Analysis, dated December 19, 2019 are provided in Appendix J.1 to this SCEA.

On July 22, 2019, LADOT issued a traffic assessment report to the Department of City Planning on the proposed Main Street Tower Mixed-Use Project (ENV-2018-7379-EAF/VTT-82463/ZA-2018-7378-ZV-TDR-SPR), DOT Case No. CEN18-47813, approving the previously prepared Traffic Impact Analysis dated June 4, 2019. On July 30, 2019, pursuant to Senate Bill (SB) 743 and the recent changes to Section 15064.3 of the CEQA Guidelines, the City of adopted VMT as the criteria by which to determine transportation impacts under CEQA. Therefore, in response to this action the Applicant submitted a Supplemental VMT analysis for the Proposed Project in addition to the previous analysis submitted in July 2019. The Supplemental VMT analysis addresses the current CEQA threshold questions pursuant to CEQA Guidelines Section 15064.3 subdivision (b) and SB 375. Accordingly, the previously approved July 2019 Traffic Impact Study has been included as Appendix J.2 as a non-CEQA transportation analysis for informational purposes under the City's Site Plan Review authority as established in Section 16.05 of the LAMC. The recommended project requirements identified in LADOT's December 19, 2019 assessment letter have been incorporated into the Project as Regulatory Compliances Measures RCM-TRAFFIC-1 and RCM-TRAFFIC-2 and as Project Design Features PDF-TRAFFIC-1 through PDF TRAFFIC-3, below.

Regulatory Compliance Measures

RCM-TRAFFIC-1: **Parking Requirements.** In accordance with the LAMC, the project shall provide a total of 373 residential and commercial vehicle parking spaces 23 short-term bicycle parking spaces and 172 long-term bicycle parking spaces on-site.

RCM-TRAFFIC-2: **Highway Dedication and Street Widening Requirements.** Per the Mobility Element of the General Plan, Main Street, Modified Avenue I, would require a 34-foot half-width roadway within a 50-foot half-width right-of-way; 12th Street, a Modified Collector Street, would require a 20-foot half-width roadway within a 32-foot half-width right-of-way; and the adjacent alley would require a 10-foot half-width right-of-way. The applicant shall provide the required street dedication and improvements in accordance with Case No. VTT-82463.

RCM-TRAFFIC-3 **Development Review Fees.** Section 19.15 of the LAMC identifies specific fees for traffic study review, condition clearance, and permit issuance. The applicant shall comply with any applicable fees per this ordinance.

Project Design Features

PDF-TRAFFIC-1 **Project Access and Circulation.** In order to minimize and prevent last minute building design changes, the applicant shall contact DOT for driveway width and internal circulation requirements prior to the commencement of building or parking layout design.

PDF-TRAFFIC-2 **Worksite Traffic Control Requirements.** The Applicant shall prepare and submit a construction work site traffic control plan to DOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of any construction work. Refer to http://ladot.lacity.org/what-wedo/plan-review to determine which section to coordinate review of the work site traffic control plan. The plan shall identify the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. All construction related truck traffic be restricted to off-peak hours to the extent feasible.

PDF-TRAFFIC-3 **Pedestrian Safety.** The Proposed Project shall include the following features to improve pedestrian facilities and to provide a safe and walkable pedestrian environment, to increase the number of walking trips, and provide for on-site facilities to reduce the need to make vehicle trips off-site.

- Improve sidewalks adjacent to and within the Project.

- Add pedestrian amenities such as: landscaping and setbacks, shade, benches, pedestrian- scale lighting, etc., along Main Street and 12th Street.
- Provide pedestrian-scale retail commercial uses along street frontages.
- Provide an on-site transit information kiosk.
- Provide on-site concierge service to facilitate use of transit, taxis, shuttles, and transportation network companies.

a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less Than Significant Impact. A significant impact may occur if a project would conflict with a program plan, ordinance, or policy designed to maintain adequate effectiveness of an overall circulation system, including transit, roadway, bicycle and pedestrian facilities. In accordance with the City's TAG, a project that generally conforms with, and does not obstruct the City's development policies and standards will generally be considered to be consistent. Table 6.32, below, provides responses to the list of policy related questions, as recommended by LADOT, in order to help determine whether the project conflicts with the City's circulation system policies. As indicated in Table 6.32, with incorporation of the PFDs referenced above, the proposed Project is in conformance with the applicable policies and programs corresponding to the proposed Project and would not preclude the City's implementation of any adopted policy and/or program. ***Therefore, the proposed Project would not conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities, and impacts would be less than significant.***

Table 6.32
Questions to Determine Project Applicability to Plans, Policies and Programs

#	Guiding Questions	Response
	Existing Plan Applicability	
1	Does the Project include additions or a new construction along a street designated as a Boulevard I, and II, and/or Avenue I, II, or III on property zoned R3 or less restrictive zone? (screening question)	**No Conflict.** The Proposed Project would conform to the standard street, sidewalk, and alleyway dimensions pursuant to the Mobility Plan 2035 standards. Main Street, a Modified Avenue I street, requires a 34-foot half-width roadway within a 50-foot half-width right-of-way. Main Street is currently improved to these standards with a 15-foot wide sidewalk along the Project's frontage. The Proposed Project would maintain a 16-foot sidewalk and no further dedications or widenings would be required. 12th Street is a designated Modified Collector Street and requires a 20-foot half-width roadway within a 32-foot half-width right-of-way. 12th Street currently has a 20-foot half-width and a 10-foot wide sidewalk fronting the Project Site. The Proposed Project would provide a 2-foot dedication to accommodate a 12-foot sidewalk, which is consistent with the standards pursuant to the Mobility Plan 2035.

		The Mobility Plan 2035 states that alleys shall have a standard width of 20 feet with a 10-foot half width. The adjacent alley is currently 12 feet wide with a 6-foot half width. The Proposed Project would provide a standard 10-foot half-width on the east side of the alley fronting the Project Site. As such, the Proposed Project would be consistent with the alley standards as specified in the Mobility Plan 2035. Thus, as the Proposed Project would accommodate the required street, sidewalk, and alleyway standards, there would be no conflict with the Mobility Plan 2035 street designations.
2	Is the Project Site along any network identified in the City's Mobility Plan?	**No Conflict.** Main Street, between Venice Boulevard and 9th Street is identified as a Moderate Plus Transit Enhanced street on the Transit Enhanced Network Map, a designated Tier 1 Protected Bicycle Lane on the Bicycle Lane Network Map, and a pedestrian segment within the Pedestrian Enhanced Districts Map in the Mobility Plan 2035. At the time of preparing this report, a Tier 1 bike lane on Main Street fronting the Proposed Project has not been programmed for completion before the Project design year of 2026 so there are no definitive details on roadway layouts to accommodate the improvements, and so they are not included in the project analysis. The Main and Spring Forward Project, which was recently approved by the City Council in October 2019, proposes transit improvements within the right-of-way to improve pedestrian walkability and protected bike lanes along Main Street between Cesar Chavez Avenue to 9th Street. However, these improvements do not extend to the Project Site. The Proposed Project would not conflict with the current southbound bike lane on the west side of Main Street. As such, no conflict would occur. The Proposed Project is not located in the High Injury Network (HIN). As such the Proposed Project would not conflict with any of the network programs or policies of the Mobility Plan 2035.
3	Are dedications or improvements needed to serve long-term mobility needs identified in the Mobility Plan 2035?	**No Conflict.** As noted above, the Proposed Project would provide a two-foot dedication on 12th Street to accommodate a 12-foot wide sidewalk. The Proposed Project would also provide a 10-foot setback from the centerline of the alley to accommodate the City's standard alley dimensions. No roadway improvements or dedications are required along Main Street. As such, the Proposed Project would not be in conflict with long-term mobility needs identified in the Mobility Plan 2035.
4	Does the Project require placement of transit furniture in accordance with the City's Coordinated Street Furniture and Bus Bench Program?	**No Conflict.** The Proposed Project does not require placement of transit furniture in accordance with the City's Coordinated Street Furniture and Bus Bench Program. As such, no conflict would occur.

5	Is the Project Site in an Identified Transit Oriented Community?	**No Conflict.** The Project is located in a Tier 3 Transit Oriented Community. As discussed in Section II, Project Description, the Project Site is designated as a "Transit Priority Area" per the Department of City Planning's Zoning Information File ZI No. 2452, Transit Priority Areas (TPAs) / Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA. The Proposed Project is consistent with the Connect SoCal policies to develop high density housing in proximity to high quality transit areas and employment centers. As such, the Proposed Project would not conflict with policies associated with TOC areas.
6	Is the Project Site on a roadway identified in the City's High Injury Network?	**No Conflict.** The Project Site is not identified in the City's High Injury Network. As such, no conflict would occur.
7	Does the Project propose repurposing existing curb space? (Bike corral, car-sharing, parklet, electric vehicle charging, loading zone, curb extension, etc.)	**No Conflict**. Thus, the Proposed Project would not be in conflict with long-term mobility needs identified in the Mobility Plan 2035.
8	Does the Project propose narrowing or shifting existing sidewalk placement?	**No Conflict**. The Proposed Project would provide a 16-foot wide sidewalk along Main Street and a 12-foot wide sidewalk along 12th Street. As such, no conflict would occur. See also responses to questions 2 and 7 above.
9	Does the Project propose paving, narrowing, shifting or removing an existing parkway?	**No Conflict**. The Project does not propose any modifications to an existing parkway.
10	Does the Project propose modifying, removing, or otherwise affect existing bicycle infrastructure (ex: driveway proposed along street with bicycle facility)	**No Conflict**. The Project will not modify, remove, or otherwise affect existing bicycle infrastructure. As discussed above, Main Street is a designated Tier 1 Protected Bicycle Lane on the Bicycle Lane Network Map. Currently the west side of Main Street is striped to provide a southbound bike lane. The Proposed Project would not conflict with the existing bike lane. Primary access to the Proposed Project and its loading dock will be provided via the alley. A secondary driveway would be located on Main Street in the same general location as the existing driveway curb cut. As the Proposed Project would not increase the number of curb cuts or turning movements on Main Street, there would be no conflict with existing bicycle infrastructure.
11	Is the Project Site adjacent to an alley? If yes, will the Project make use of, modify, or restrict alley access?	**No Conflict**. The Project Site is adjacent to an alleyway which borders the Project Site to the west. This alley is currently a substandard width of 12 feet, whereas the standard alley width standard is 20 feet with a 10-foot half width. The Proposed Project would provide for a 10-foot half width on the east side of the alley fronting the project to conform to the City's standard alley width dimensions. As such, no conflict would occur.

12	Does the Project create a cul-de-sac or is the Project Site adjacent to an existing cul-de-sac? If yes, is the cul-de-sac consistent with design goal in Mobility Plan 2035 (maintain through bicycle and pedestrian access)?	**No Conflict**. The Project Site is not located adjacent to a cul-de-sac. As such there would be no conflict with the Mobility Plan 2035.
	Access: Driveways and Loading	
13	Does the Project Site introduce a new driveway or loading access along an arterial (Avenue or Boulevard)?	**No Conflict**. As noted above, the Proposed Project would maintain the existing driveway curb cut on Main Street to provide access to a secondary access driveway. The Proposed Project's main access and loading dock will be accessed via the alley. These improvements would be implemented in coordination with LADOT and thus would not be in conflict with long-term mobility needs identified in the Mobility Plan 2035.
14	If yes to 13, Is a non-arterial frontage or alley access available to serve the driveway or loading access needs?	NA.
15	Does the Project Site include a corner lot? (avoid driveways too close to intersections)	**No Conflict**. The Project Site includes a corner lot at the intersection of 12th Street and Main Street. The Proposed Project would maintain the existing driveway on Main Street, which is approximately 370 feet north of 12th Street and more than 175 feet south of 11th Street. As such, the Proposed Project would not be too close to an intersection. Furthermore, site access and driveway design would be designed and developed in consultation with the LADOT, LADBS, and the LAFD, and would not be in conflict with long-term mobility needs identified in the Mobility Plan 2035.
16	Does the Project propose driveway width in excess of City standard?	**No Conflict**. Per LADOT's Manual of Policies and Procedures, Section 321, it is recommended that two-way driveways serving multi-family residential projects with more than 25 parking spaces are 30 feet in width. The Project's driveway width is 30 feet wide and would thus be in conformance with City standards.
17	Does the Project propose more driveways than required by City maximum standard?	**No Conflict**. The Project proposes one two-way driveway along Main Street as a secondary point of access. The Proposed Project's main access driveway to the parking structure would be provided via the alley, which is compliant with LADOT's Manual of Policies and Procedures, Section 321.
18	Are loading zones proposed as part of the Project?	**No Conflict**. The Proposed Project incorporates one loading zones on the west side of the Project Site adjacent to the alley. As such, the project would be consistent with City policies that recommend loading be located away from arterial streets.
19	Does the Project include "drop-off" zones or areas? If yes, are such areas located to the side or rear of the building?	**No Conflict**. The Proposed Project's passenger loading and drop-off area is located internal to the parking garage and will be accessible via the alley. As such, the Proposed Project would not conflict with Mobility Plan 2035 policies regarding drop off areas.

20	Does the Project propose modifying, limiting/restricting, or removing public access to a public right-of-way (e.g., vacating public right-of-way)?	**No Conflict.** The Project does not propose to modify, limit or remove public access to the public right-of-way. Thus, no conflict would occur.

b) Conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b)?

Less Than Significant Impact. CEQA Guidelines Section 15064.3(b)(1) states for land use projects, vehicle miles traveled exceeding an applicable threshold of significance may indicate a significant impact. Generally, projects within one-half mile of either an existing major transit stop or a stop along an existing high quality transit corridor should be presumed to cause a less than significant transportation impact. Projects that decrease vehicle miles traveled in the project area compared to existing conditions should be presumed to have a less than significant transportation impact.

On July 30, 2019, the City of Los Angeles adopted LADOT's CEQA Transportation Assessment Guidelines (TAG), which sets forth the revised thresholds of significance for evaluating transportation impacts as well as screening and evaluation criteria for determining impacts in conformance with SB 743. The adopted TAG establishes VMT as the City's formal method of evaluating a project's transportation impacts. As part of the preparation of this version of the City's TAG, the City updated its travel demand simulation model and transportation impact thresholds to be consistent with the VMT impact methodology.

VMT Screening

To determine whether the Project requires further VMT analysis, the Project's existing and proposed land uses were inputted into the VMT Calculator. As shown in Appendix J.1, Supplemental VMT Analysis, the Housing (Multi-Family) and Retail (General Retail) land use rates were applied to the corresponding proposed Project uses. For screening purposes, the Retail (General Retail) land use rates were applied to the existing land use, as no specialty retail land use code is available within the VMT Calculator. Based on the VMT Calculator, the Project would generate 717 net daily trips and 3,027 net daily VMT (proposed minus existing). As the Project would generate more than 250 net daily trips and would result in a net increase in daily VMT, the Project would meet both screening criteria and further VMT analysis is required.

VMT Thresholds

LADOT has identified thresholds for significant VMT impacts by sub-area of the City, by Area Planning Commission (APC) area. The State of California Office of Planning and Research (OPR) has found that a VMT per capita or per employee that is 15% or more below that of existing development is a reasonable and achievable threshold in determining significant transportation impacts under CEQA. CEQA allows lead agencies to set or apply their own

significance thresholds. LADOT set its significance thresholds as follows: a residential project would result in a significant VMT impact if it would generate household VMT per capita more than 15% below the existing average household VMT per capita for the APC area in which it is located. Similarly, an office project would result in a significant VMT impact if it would generate work VMT per employee more than 15% below the existing average work VMT per employee for the APC area in which it's located. (LADOT Guidelines, page 17.)

The Project is located in the Central APC. For this area of the City the following specific thresholds have been identified:

- Household VMT Per Capita: 6.0
- VMT Per Employee: 7.6

VMT Analysis

In accordance with the City's TAG methodology, the VMT Calculator was utilized to determine household VMT per capita and the work VMT per employee. To be conservative, although the Project proposes to incorporate TDM strategies (such as reducing the Project parking supply from the standard amount required per City Municipal Code and providing short- and long-term bicycle parking supplies), implementation of these strategies was not considered for the Project's VMT calculation. The VMT Calculator determined that the residential portion of the Project would generate a household VMT per capita of 5.1. Since the Project is located within the Central Area Planning Commission area, the appropriate threshold of significance with which to compare the Project's household VMT estimate is 6.0 daily household VMT per capita, as shown in Table 6.33. Therefore, the Project is expected to have a less-than-significant VMT impact based on the residential component. Since the Project's retail component would not exceed 50,000 square feet, the retail component was determined not to have a significant VMT impact and the work VMT per employee was not calculated for the Project. Thus, the residential and retail components of the proposed Project would result in less-than-significant VMT impacts under the updated TAG.

Table 6.33
VMT Analysis

Category	*Household*			*Work [a]*		
Scenario	*Household VMT Threshold*	*Household VMT Per Capita*	*Significant Impact?*	*Work VMT Threshold*	*Work VMT per Employee*	*Significant Impact?*
Proposed Project	6.0	5.1	No	7.6	0	No
Source: Crain and Associates, Main Street Tower, 1123-1161 S. Main Street Supplemental Vehicle Miles Traveled Analysis, December 21, 2019 (see Appendix J.1 to this SCEA)						

c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less Than Significant Impact. A significant impact may occur if the Proposed Project includes new roadway design or introduces a new land use or features into an area with specific transportation requirements and characteristics that have not been previously experienced in that area, or if project site access or other features were designed in such a way as to create hazard conditions. The Proposed Project would not include unusual or hazardous design features.

Current vehicular access is provided by a driveway located along Main Street that provides access to the surface parking lot on the Project Site. The Proposed Project would provide two full-access driveways, including one along Main Street and one along the adjacent alleyway. Additional entrance-only and exit-only driveways would be located along the alleyway to provide access to the handicapped parking spaces. The width of the driveways would conform to LADOT minimum standards for a commercial driveway and include a single inbound and single outbound travel lane. The circulation aisle widths of the parking areas are designed to allow adequate and safe circulation of vehicles without significant conflicts and conform to LADOT parking aisle width standards. Each of the full-access driveways would provide direct access to the parking garage. The Proposed Project would include new driveways with vehicular access to the Project Site, which, if not properly designed and constructed, could potentially conflict with pedestrian circulation in the Project area. Environmental impacts may result from Project implementation due to hazards to safety from design features (e.g., sharp curves or dangerous intersections) or incompatible uses. ***However, Regulatory Compliance Measure RCM-TRAFFIC-2 and Project Design Feature PDF-TRAFFIC-1, above, would ensure potential impacts associated with dedication requirements and project access and circulation are reduced to a less than significant level. The Worksite Traffic Control Requirements (PDF-TRAFFIC-2) would formalize how construction would be carried out and identify specific actions that would be required to reduce effects on the surrounding community. The implementation of these Project Design Features would ensure any traffic impacts from construction are less than significant.***

d) Result in inadequate emergency access?

Less Than Significant Impact. A significant impact may occur if the project design would not provide emergency access meeting the requirements of the LAFD, or in any other way threatened the ability of emergency vehicles to access and serve the Project Site or adjacent uses. As previously discussed in Section IX(f), the Project Site is not located in a disaster route according to the Los Angeles Central Area Disaster Route Map of Los Angeles County.[98] Additionally, based on the City of Los Angeles Safety Element, the Project Site is not located on an identified disaster route or an adopted emergency response or evacuation plan.[99] Development of the Project Site may require temporary and/or partial street closures due to construction activities. Nonetheless, while such closures may cause temporary inconvenience,

[98] *Los Angeles County Department of Public Works, City of Los Angeles Central Area Disaster Route Map, August 13, 2008.*

[99] *City of Los Angeles, Safety Element Exhibit H, Critical Facilities and Lifeline Systems in the City of Los Angeles, April 1995.*

they would not be expected to substantially interfere with emergency response or evacuation plans. The Proposed Project would not cause permanent alterations to vehicular circulation routes and patterns, impede public access or travel upon public rights-of-way. Further, the Proposed Project would be developed in a manner that satisfies the emergency response requirements of the LAFD. There are no hazardous design features included in the access design or site plan for the Proposed Project that could impede emergency access. Furthermore, the Proposed Project would be subject to the site plan review requirements of the LAFD and the LAPD to ensure that all access roads, driveways and parking areas would remain accessible to emergency service vehicles. ***Therefore, the Proposed Project would not be expected to result in inadequate emergency access and impacts would be less than significant.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects would result in an increase in average daily vehicle trips and peak hour vehicle trips in the Central City Community Plan Area. As noted in Question XVII(b), above, the Proposed Project's increase in VMT would be less than the threshold for a significant impact to occur, and the Proposed Project's contribution to cumulative impacts is less than significant and would not be cumulative considerable. ***Therefore, the Proposed Project's cumulative impact is considered less than significant.***

XVIII. Tribal Cultural Resources

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☒	☐
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☒	☐

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1 (k)?

b) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?

Responses to a and b: Less Than Significant Impact. For purposes of this analysis, Dudek was retained to prepare a Tribal Cultural Resources Report to assess the potential for significance of the Project to impact resources associated with California Native American tribes. The following section is based on the following technical report:

- Dudek, Tribal Cultural Resources Report for The Main Street Tower Project, City of Los Angeles, Los Angeles County, California, September 2021.

The northern half of the Project Site was recently razed and converted into a parking lot, while the southern half of the Project Site is currently developed with four commercial buildings. The project site is located within a highly urbanized area, surrounded by existing and planned development. Surrounding uses in the immediate vicinity of the Project Site include commercial, office and residential uses to the east and west; residential uses to the north; commercial and office uses to the west; and commercial and residential uses to the south. One residential building to the northeast of the Project Site at the corner of South Broadway and West 11th Street, is currently under renovation.

The Project Site is situated in the valley representing Downtown Los Angeles, approximately 13 miles northeast of the Pacific Ocean and approximately 1.2 miles west of the Los Angeles River. Existing development is underlain by Quaternary alluvium and marine deposits, generally dating between the Pliocene and the Holocene. Soils are dominated by the Urban land, commercial, complex, associated with low-slope alluvial conditions (USDA 2019). Due the size and nature of past development associated with the surroundings structures and existing paved area native subsurface soils with potential to support the presence of cultural deposits have likely been disturbed.

Dudek conducted a California Historical Resources Information System (CHRIS) records search at the South Central Coastal Information Center (SCCIC) on January 31, 2019 for the proposed Project Site and surrounding 0.5 mile search buffer. This search included their collections of mapped prehistoric, historic, and built environment resources, Department of Parks and Recreation (DPR) Site Records, technical reports, and ethnographic references. The records search indicated that 38 previous cultural resource studies have been conducted within the records search area between 1978 and 2017. Of these studies, none overlap the Project Site.

A total of 47 previously recorded cultural resources have been documented within a half-mile of the Project Site. None of these intersect the Project Site. Of these, 46 are historic-era buildings or structures. The remaining resource consists of a historic-era trash deposit. No cultural resources of Native American origin are documented within the Project Site or surrounding half-mile search area of files held at the SCCIC. No resources identified within the records search area are documented in association with historic-era Zanja features, which has been represented on historical maps to have run 0.25 miles west of the Project Site. No physical evidence of the Zanja system has been documented to date in the vicinity. A brief history and explanation of the Zanja system is provided below.

The Zanja System

As previously mentioned, Report LA-13229 has mapped segments of the Zanja Madre running approximately 0.25 miles northwest and 0.19 miles to the southeast of the Project Site area. The Zanja Madre network and subsequent additional zanja segments were Los Angeles' original irrigation system, and the network is thought to have run throughout the city in various branches, predominantly along major roads. The water conveyance system consisted of interconnected ditches known as "zanjas" and was established in 1781 at the same time that El Pueblo de la Reyna de Los Angeles (The Town of Los Angeles) was founded. The first segment of the system was known as the Zanja Madre, and is thought to have run from a point on the Los Angeles River north of the city, south near present-day Main Street terminating near the Plaza, present-day Union Station. Though researchers and the public often use the term "Zanja Madre" to refer to the larger water conveyance network, this term more accurately describes just the initial component established during the Spanish Period. The Zanja system largely faded into disuse by the early twentieth century as the system began to face increased criticism for its inefficiency and imprecision.

Native American Correspondence

As part of the process of identifying cultural resources within or near the Project Site, Dudek contacted the NAHC to request a review of the Sacred Lands File (SLF) on January 29, 2019. The NAHC emailed a response on January 31, 2019, which indicated that the SLF search was completed with negative results. Documents related to the NAHC SLF search are included in Appendix K to this SCEA. Based on the fact that the Project Site has been subject to ground disturbance activities in the past and is not known to be associated with any cultural or sacred sites, and no substantial evidence has been provided to support a conclusion that the Proposed Project would have a significant impact upon tribal cultural resources, the probability for the discovery of a known site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American Tribe is considered low. Thus, in the absence of any known cultural resources no mitigation measures are required. ***Nonetheless, adherence to the regulatory compliance measures referenced above in Section V, Cultural Resources, would ensure impacts associated with the accidental discovery of any archaeological resources or human remains, including Native American resources would be less than significant.***

Cumulative Impacts

Development of the Proposed Project, in combination with the related projects in the Project Site vicinity, would result in the continued redevelopment and revitalization of the surrounding area. Impacts to tribal cultural resources tend to be site-specific and are assessed on a site-by-site basis. The analysis of the Proposed Project's impacts to tribal cultural resources concluded that the Proposed Project would have no significant impacts with respect to cultural resources following appropriate mitigation. ***Therefore, the Proposed Project's incremental contribution to a cumulative impact would not be considerable, and cumulative impacts to tribal cultural resources would be less than significant.***

XIX. Utilities and Service Systems

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

PROJECT-SPECIFIC IMPACTS

a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. A significant impact may occur if a project would increase water consumption or wastewater generation to such a degree that the capacity of facilities currently serving the Project Site would be exceeded. The determination of whether a project results in a significant impact on water shall be made considering the following factors: (a) the total estimated water demand for the project; (b) whether sufficient capacity exists in the water infrastructure that would serve the project, taking into account the anticipated conditions at

project buildout; (c) the amount by which the project would cause the projected growth in population, housing or employment for the Community Plan area to be exceeded in the year of the project completion; and (d) the degree to which scheduled water infrastructure improvements or project design features would reduce or offset service impacts.

Water Treatment Facilities and Existing Infrastructure

The LADWP ensures the reliability and quality of water supply through an extensive distribution system that includes more than 7,200 miles of pipes, more than 100 storage tanks and reservoirs within the City, and eight storage reservoirs along the Los Angeles Aqueducts. Much of the water flows north to south, entering Los Angeles at the Los Angeles Aqueduct Filtration Plant (LAAFP) in Sylmar, which is owned and operated by LADWP. Water entering the LAAFP undergoes treatment and disinfection before being distributed throughout the LADWP's Water Service Area. The LAAFP has the capacity to treat approximately 600 million gallons per day (mgd). [100] In 2017, the LADWP's water system supplied 4 million customers with nearly 160 billion gallons of treated water, resulting in an average daily water demand of approximately 438 mgd. Therefore, the LAAFP has a remaining capacity of treating approximately 162 mgd.[101]

Based on information provided by the LADWP, the Project Site is currently served by a 12- inch cast iron pipe beneath the west side of S. Main Street, a 24-inch steel pipe on the south side of S. 12th Street and reduced to a 12-inch ductile iron pipe at the west side of the intersection of 12th Street and Main Street.[102] As noted in the services response letter, LADWP has indicated that it should be able to provide the domestic needs of the Project from the existing water system and there are no known deficiencies in the water system serving the Project Site.[103] A final determination on the Project's water system will be made in consultation with the Project Engineer and the LADF after the residual fire pressure requirements are established in consultation with the LAFD.

As shown in Table 6.34, the Proposed Project would generate a net increase in water demand of approximately 40,105 gallons per day (gpd) of water (or approximately 45 acre feet per year), which is significantly below available capacity.[104] Because the Proposed Project's employment growth is within SCAG's forecast, the Proposed Project's increased water demand would not

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[100] *U.S. Department of Energy, website: https://betterbuildingssolutioncenter.energy.gov/showcase-projects/los-angeles-aqueduct-filtration-plant-modernization—-oxygen-plant-replacement, accessed February 2019.*

[101] *Los Angeles Department of Water and Power, Water, L.A.'s Drinking Water Quality Report, website: http://www.ladwp.com/, accessed February 2019.*

[102] *Los Angeles Department of Water and Power, Water and Electricity Connection Services Request Response letter, June 6, 2019 (see Appendix H).*

[103] *Los Angeles Department of Water and Power, Water and Electricity Connection Services Request Response letter, June 6, 2019 (see Appendix H).*

[104] *The Project Site is developed with 28,110 square feet of retail space. However, at the time the environmental analysis commenced only 26,710 square feet of the site was occupied with active retail land uses and 1,400 square feet was vacant. As such, the Proposed Project's net water demand was conservatively estimated based on the 26,710 square feet of active uses.*

measurably reduce the LAAFP's capacity. Therefore, no new or expanded water treatment facilities would be required. **With respect to water treatment facilities, the Proposed Project would have a less-than-significant impact.**

Table 6.34
Proposed Project Estimated Water Demand

Type of Use	Size	Water Demand Rate (gpd/unit) [a]	Total Water Demand (gpd)
Existing Uses (to be removed)			
Commercial/Retail	26,710 sf	0.025 gpd/sf	668
		Total Existing Water Demand:	**668**
Proposed Project			
Residential Units (363 total)			
Studio	122 du	75 gpd/du	9,150
One Bedroom	133 du	110 gpd/du	14,630
Two Bedroom	96 du	150 gpd/du	14,400
Three Bedroom	12 du	190 gpd/du	2,280
		Subtotal Residential:	***40,460***
Commercial			
Commercial/Retail	12,500 sf	0.025 gpd/sf	313
		Subtotal Commercial:	***313***
		Total Project Site Water Demand:	**40,773**
		Less Existing Water Demand:	*(668)*
		Net Water Demand:	**40,105 gpd**

Notes: sf =square feet; du = dwelling units
[a] *Consumption Rates based on City of Los Angeles Department of Public Works, Bureau of Sanitation, Sewer Generation Factor for Residential and Commercial Categories table, effective April 6, 2012. It is assumed that all water usage would convert to wastewater.*
Source: Parker Environmental Consultants, 2019.

Although no further upgrades are anticipated at this time, in the event that water main and/or other infrastructure upgrades are required for the proposed development, such infrastructure improvements would be conducted within the right-of-way easements serving the Project area. Any such improvement would generally be exempt from CEQA as a Class 32 project and would not create a significant impact to the physical environment. This is largely due to the fact that (a) any disruption of service would be of a short-term nature, (b) the replacement of the water mains would be within public rights-of-way, and (c) any foreseeable infrastructure improvements would be limited to the immediate project vicinity. ***Therefore, potential impacts resulting from water infrastructure improvements would be less than significant.***

Regulatory Compliance Measures

RCM-PU-1 **Water Connection.** As part of the normal construction/building permit process, the Applicant shall confirm with the City that the capacity of the existing water infrastructure can supply the domestic needs of the Project during the construction and operation phase.

RCM-PU-2 **Low Impact Development Plan.** Prior to issuance of grading permits, the Applicant shall submit a Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan to the City of Los Angeles Bureau of Sanitation Watershed Protection Division for review and approval. The Low Impact Development Plan and/or Standard Urban Stormwater Mitigation Plan shall be prepared consistent with the requirements of the Development Best Management Practices Handbook.

RCM-PU-3 **Water.** The project shall comply with Ordinance No. 170,978 (Water Management Ordinance), which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season).

RCM-PU-4 The Proposed Project would be required to provide a schedule of plumbing fixtures and fixture fittings that reduce potable water use within the development in order to exceed the prescriptive water conservation plumbing fixture requirements of Sections 4.303.1.1 through 4.303.1.4.4 of the California Plumbing Code in accordance with the California Building Energy Efficiency Standards by 20%. It must also provide irrigation design and controllers that are weather- or soil moisture-based and automatically adjust in response to weather conditions and plants' needs.

Wastewater Treatment Facilities and Existing Infrastructure

A project would normally have a significant wastewater impact if: (a) the project would cause a measurable increase in wastewater flows to a point where, and a time when, a sewer's capacity is already constrained or that would cause a sewer's capacity to become constrained; or (b) the project's additional wastewater flows would substantially or incrementally exceed the future scheduled capacity of any one treatment plant by generating flows greater than those anticipated in the Wastewater Facilities Plan or General plan and its elements.

The Los Angeles Bureau of Sanitation (BOS) provides sewer service to the Proposed Project area. Sewage from the Project Site is conveyed via sewer infrastructure to the Hyperion Water Reclamation Plant (HWRP). The Hyperion Water Reclamation Plant treats an average daily flow of 275 million gallons per day (mgd) on a dry weather day. Because the amount of wastewater entering the HWRP can double on rainy days, the plant was designed to accommodate both dry and wet weather days with a maximum daily flow of 450 mgd and a peak wet weather flow of 800 mgd.[105] This equals a remaining capacity of 175 mgd of wastewater able to be treated at

[105] *City of Los Angeles Department of Public Works, Bureau of Sanitation, Hyperion Water Reclamation Plant, website: https://www.lacitysan.org/san/faces/wcnav_externalId/s-lsh-wwd-cw-p-hwrp?_adf.ctrl-state=t4yrq0jkq_4&_afrLoop=10780400868530458#!, accessed February 2019.*

the HWRP. As shown in Table 6.35 below, the Proposed Project would generate approximately 40,105 gpd of wastewater, representing a fraction of one percent of the available capacity.

Table 6.35
Proposed Project Estimated Wastewater Generation

Type of Use	Size	Wastewater Demand Rate (gpd/unit)	Total Wastewater Demand (gpd) [a]
Existing Uses (to be removed)			
Commercial/Retail	26,710 sf [b]	0.025 gpd/sf	668
		Total Existing Wastewater Generation:	**668**
Proposed Project			
Residential Units (363 total)			
Studio	122 du	75 gpd/du	9,150
One Bedroom	133 du	110 gpd/du	14,630
Two Bedroom	96 du	150 gpd/du	14,400
Three Bedroom	12 du	190 gpd/du	2,280
		Subtotal Residential:	***40,460***
Commercial			
Commercial/Retail	12,500 sf	0.025 gpd/sf	313
		Subtotal Commercial:	***313***
		Total Project Site Wastewater Generation:	**40,773**
		Less Existing Wastewater Generation:	*(668)*
		Net Wastewater Generation:	**40,105 gpd**

Notes: sf =square feet; du = dwelling units
[a] *City of Los Angeles Department of Public Works, Bureau of Sanitation, Sewage Generation Factor for Residential and Commercial Categories, effective April 6, 2012.*
[b] *The Project Site is developed with 28,110 square feet of retail space. However, at the time the environmental analysis commenced only 26,710 square feet of the site was occupied with active retail land uses and 1,400 square feet was vacant. As such, the Proposed Project's net wastewater generation was conservatively estimated based on the 26,710 square feet of active uses*
Source: Parker Environmental Consultants, 2019.

The Project Site area is presently served by a network of sewer lines that are located beneath most of the major streets that convey sewage from the Project Site to the HWRP. As part of the pre-construction process, detailed gauging and evaluation would be needed as part of the permit process to identify a specific sewer connection point for the Project Site. Through the rules and regulations established in the City of Los Angeles Sewer Allocation Ordinance (No. 166,060), BOS does not make a determination of sewer capacity until LADBS has established that the Proposed Project's plans and specifications are acceptable for plan check. This process ensures that the system can accept the anticipated wastewater flows from the Proposed Project at the time of connection, as opposed to prematurely committing to projects that are in the environmental review or entitlement process. At the time of connection, BOS will check the gauging of the sewer lines and make the appropriate decisions on how best to connect to the local sewer lines at the time of construction. The Applicant has received a Sewer Capacity Availability Request (SCAR), dated May 23, 2019, that verify the anticipated sewer flows and points of connection and to assess the condition and capacity of the sewer lines receiving additional sewer flows from the Proposed Project. The BOS has determined that the sewer

system has sufficient capacity to serve the Proposed Project. Based on the configuration of sewer lines serving the Proposed Project, the Proposed Project's sewer flows would be connected to the existing lines under Main Street. Such connections involve trenching, excavating and backfilling the sewer lines beneath the public right-of-way and would be localized in nature and would generally involve partial lane closures for a relatively short duration of time typically lasting a few days to a few weeks. ***Therefore, impacts to sewer capacity and infrastructure would be less than significant.***

Stormwater Drainage Facilities

As described in Question X(c), the Proposed Project would not result in a significant increase in site runoff, or any changes in the local drainage patterns. The Proposed Project would be required to demonstrate compliance with Low Impact Development (LID) standards and retain or treat the first ¾-inch of rainfall in a 24-hour period or the rainfall from an 85th percentile 24-hour runoff event, whichever is greater. The Proposed Project Site is currently developed with four commercial/retail buildings and surface parking. One commercial building on site is currently vacant. Runoff from the Project Site currently is and would continue to be directed towards existing storm drains in the Project vicinity. As stated previously in response to Checklist Question X(a), the Proposed Project shall comply with NPDES requirements and the LID regulations, and implement Best Management Practices (BMPs) during the construction and operation of the Proposed Project.

The appropriate design and application of BMPs devices and facilities shall be determined by the Watershed Protection Division of the Bureau of Sanitation, Department of Public Works. Thus, development of the Proposed Project would not create or contribute to runoff water, which may exceed the capacity of existing or planned stormwater drainage systems. ***Therefore, Proposed Project impacts on stormwater drainage infrastructure would be considered less than significant.***

Electricity

The Project Site is currently served by three underground 4.8kV circuits adjacent to the Project Site along S. Main Street, one 4.8 kV circuit adjacent to the Project Site along 12th Street, and two underground 34.5 kV circuits adjacent to the Project Site along 12th Street.[106] As such, electric service is available and would be provided to the Project Site. The LADWP has confirmed that there are no known deficiencies in the electricity service serving the Project Site, but the LADWP may require space for a minimum of two pads for electrical equipment within the property with the required clearances.[107] The estimated power requirements for the Proposed Project is part of the total load growth forecast for the City of Los Angeles and has been taken into account in the panned growth of the City's power system.

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[106] *Los Angeles Department of Water and Power, Water and Electricity Connection Services Request Response letter, June 6, 2019 (see Appendix H).*

[107] *Los Angeles Department of Water and Power, Water and Electricity Connection Services Request Response letter, June 6, 2019 (see Appendix H).*

The Project Site is located in a highly urbanized area in the Central City area. The surrounding area is served by overhead electrical systems. The Proposed Project would require on-site transformation and may require line extensions on public streets. In the event infrastructure upgrades are required for the proposed development, such infrastructure improvements would be conducted within the right-of-way easements serving the Project area and would not create a significant impact to the physical environment. This is largely due to the fact that (a) any disruption of service would be short-term, (b) upgrades would be conducted within public rights-of-way, and (c) any foreseeable infrastructure improvements would be limited to the immediate Project vicinity. Any such infrastructure improvement would generally be exempt from CEQA as a Class 32 project. ***Therefore, potential impacts resulting from electricity infrastructure improvements would be less than significant.***

Natural Gas

Natural gas is provided by Southern California Gas. Adequate natural gas service and supplies are available in the immediate project vicinity and would be provided to the Project Site. The availability of natural gas is dependent upon adequate fuel supplies and a reliable distribution system. As discussed in response to Checklist Question VI(a), above, SoCalGas' natural gas storage fields have a combined theoretical storage working inventory capacity of approximately 137.1 Bcf.[108] The Proposed Project's natural gas demand is estimated to be approximately 1,414,966 cubic feet per month, which represents a very small fraction of one percent of the SCG's existing natural gas storage capacity. Therefore, the proposed Project's natural gas demand would be within the SCG's existing natural gas storage capacity of 112.5 billion cubic feet as of 2018. S natural gas is already supplied to the project Site, establishing new service connections would be localized in nature and would involve minimal trenching and backfilling of soil within the Project Site. ***As such, the Proposed Project would not result in the relocation or construction of new or expanded natural gas facilities with the potential to cause significant environmental effects.***

Telecommunications

Adequate telecommunications services exist within in the immediate Project vicinity and would be provided to the Project Site based on demand. Construction and operation of the Proposed Project would not necessitate the construction of off-site telecommunication facilities that would have the potential to cause significant environmental impacts**. *As such, Proposed Project impacts to telecommunication facilities would be less than significant.***

b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less Than Significant Impact. A significant impact may occur if a project would increase water consumption to such a degree that new water sources would need to be identified. The

[108] *SoCalGas 2019 GRC Filing, Exhibit SCG-10-R, p. NPN-3 and NPN-4.*

determination of whether the Proposed Project results in a significant impact on water shall be made considering the following factors: (a) the total estimated water demand for the project; (b) whether sufficient capacity exists in the water infrastructure that would serve the project, taking into account the anticipated conditions at project buildout; (c) the amount by which the project would cause the projected growth in population, housing or employment for the Community Plan area to be exceeded in the year of the project completion; and (d) the degree to which scheduled water infrastructure improvements or project design features would reduce or offset service impacts.

The City's water supply comes from local groundwater sources, the Los Angeles-Owens River Aqueduct, State Water Project, and from the Metropolitan Water District (MWD) of Southern California, which is obtained from the Colorado River Aqueduct. The MWD utilizes a land-use based planning tool that allocates projected demographic data from the SCAG into water service areas for each of MWD's member agencies. The 2015 Urban Water Management Plan (UWMP), which estimates future demand based on population and growth estimated reported in SCAG's RTP/SCS, projects a total water demand and supply of 675,685 AFY in 2040. With its current water supplies, planned future water conservation, and planned future water supplies, LADWP will be able to reliably provide water to its customers through the 25-year planning period covered by the 2015 UWMP. Through various conservation strategies, the LADWP will be able to reduce the City's water demand during dry years to respond to any reductions to water supplies during multiple dry years.

As shown in Table 6.34, the Proposed Project's net increase for water demand would be 40,105 gallons per day. The Proposed Project's population, housing, and employment growths are within SCAG's forecast. Accordingly, the Proposed Project's anticipated water demand has been accounted for and would not exceed the water demand estimates of the City's 2015 UWMP. Thus, the Proposed Project would have a less-than-significant impact on water demand.

In addition, high efficiency water closets, high efficiency urinals, water saving showerheads, and low flow faucets must be installed in new construction. The flow rates of new plumbing fixtures must comply with the most stringent of the following: Los Angeles City Ordinance No. 184248, Los Angeles Ordinance No. 184,692, the 2017 Los Angeles Plumbing Code, the 2016 California Green Building Standards Code (CAL Green) and the 2017 Los Angeles Green Building Code. With respect to landscaping, the Proposed Project would be required to comply with Los Angeles City Ordinance No. 170,978 and the City of Los Angeles Irrigation Guidelines, which imposes numerous water conservation measures in landscape, installation, and maintenance (e.g., use drip irrigation and soak hoses in lieu of sprinklers to lower the amount of water lost to evaporation and overspray, set automatic sprinkler systems to irrigate during the early morning or evening hours to minimize water loss due to evaporation, and water less in the cooler months and during the rainy season).

The City enacted legislation to address the water supply shortages caused by the recent statewide drought. Los Angeles City Ordinance No. 181,288 (Emergency Water Conservation

Plan) imposes phased water rationing during drought conditions and imposes penalties for users that do not comply. When water rationing is in effect, landscape irrigation is prohibited between the hours of 9:00 AM and 4:00 PM. Specific watering days and maximum irrigation rates are also defined in this ordinance. ***Compliance with the regulatory compliance measures identified above would reduce the Proposed Project's demands for potable water resources to a less than significant level.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project, related projects and the cumulative growth throughout the City of Los Angeles, would further increase the demand for potable water within the City of Los Angeles. Through the 2015 Urban Water Management Plan, the LADWP has demonstrated that it can provide adequate water supplies for the City of Los Angeles through the year 2040, with implementation of conservation strategies and proper supply management. This estimate is based in part on demographic projections obtained for the LADWP service area from the Metropolitan Water District (MWD). The MWD utilizes a land-use based planning tool that allocates projected demographic data from the Southern California Association of Governments (SCAG) into water service areas for each of MWD's member agencies. MWD's demographic projections use data reported in SCAG's RTP/SCS. As discussed previously in Section XIV, Population and Housing, the Proposed Project's population and employment growth is consistent with SCAG's growth projections for the City of Los Angeles subregion. Similar to the Proposed Project, each related project would be evaluated to determine whether the water demand was accounted for in the UWMP or would otherwise be required to obtain approval from the LADWP certifying that the LADWP has sufficient water supplies available to serve the project. ***As such, the additional water demands generated by the Proposed Project are accounted for in the 2015 Urban Water Management Plan, and impacts associated with increased water demand would not be cumulatively considerable, and cumulative impacts on water supply would be less than significant.***

c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. A project would normally have a significant wastewater impact if: (a) the project would cause a measurable increase in wastewater flows to a point where, and a time when, a sewer's capacity is already constrained or that would cause a sewer's capacity to become constrained; or (b) the project's additional wastewater flows would substantially or incrementally exceed the future scheduled capacity of any one treatment plant by generating flows greater than those anticipated in the Wastewater Facilities Plan or General Plan and its elements. A significant impact would also occur if a project exceeds wastewater treatment requirements of the applicable Regional Water Quality Control Board. Section 13260 of the California Water Code states that persons discharging or proposing to discharge waste that could affect the quality of the waters of the State, other than into a community sewer system, shall file a Report of Waste Discharge containing information which may be required by the appropriate Regional Water Quality Control Board (RWQCB). The RWQCB then authorizes an

NPDES permit that ensures compliance with wastewater treatment and discharge requirements. The LARWQCB enforces wastewater treatment and discharge requirements for properties in the Project area.

Wastewater from the Project Site is conveyed via municipal sewage infrastructure maintained by the Los Angeles Bureau of Sanitation to the Hyperion Water Reclamation Plant (HWRP). The HWRP is a public facility and, therefore, is subject to the State's wastewater treatment requirements. Wastewater from the Project Site is and would continue to be treated according to the wastewater treatment requirements enforced by the LARWQCB. As demonstrated above, HWRP has sufficient capacity for the Proposed Project. ***Therefore, a less than significant impact would occur.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects would further increase regional demands on the HWRP's capacity.

Local Wastewater Generation

Similar to the Proposed Project, each related project would be required to submit a SCAR and obtain approval by the Department of Public Works to ensure adequate sewer capacity for each related project. Since the Proposed Project would require approval from BOSs, signifying that the sewer lines serving the Project Site have adequate capacity, the Proposed Project would not be expected to contribute to a local cumulative impact. Locally, the Proposed Project would not be cumulatively considerable.

Regional Wastewater Generation

The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the HWRP's service to the City of Los Angeles and surrounding area. However, it is anticipated that the 175 mgd of available capacity in the HWRP would not be significant reduced with the cumulative wastewater generation from the related projects and Proposed Project. ***As such, cumulative impacts with respect to wastewater demand would be less than significant.***

d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less Than Significant Impact. A significant impact may occur if a project were to increase solid waste generation to a degree such that the existing and projected landfill capacity would be insufficient to accommodate the additional solid waste. The determination of whether a project results in a significant impact on solid waste shall be made considering the following factors: (a) amount of projected waste generation, diversion, and disposal during demolition, construction, and operation of the project, considering proposed design and operational features that could reduce typical waste generation rates; (b) need for additional solid waste collection

route, or recycling or disposal facility to adequately handle project-generated waste; and (c) whether the project conflicts with solid waste policies and objectives in the Source Reduction and Recycling Element (SRRE) or its updates, the Solid Waste Management Policy Plan (SWMPP), Framework Element of the Curbside Recycling Program, including consideration of the land use-specific waste diversion goals contained in Volume 4 of the SRRE.

Solid waste generated within the City is disposed of at privately owned landfill facilities throughout Los Angeles County. While the Bureau of Sanitation provides waste collection services to single-family and some small multi-family developments, private haulers provide waste collection services for most multi-family residential and commercial developments within the City. Solid waste transported by both public and private haulers is recycled, reused, transformed at a waste-to-energy facility, or disposed of at a landfill. Under the City's RENEW LA Plan, adopted in February 2006, the City committed to reaching Zero Waste. The goal of Zero Waste as defined by the RENEW LA Plan is to reduce, reuse, recycle, or convert the resources currently going to disposal so as to achieve an overall diversion rate of 90 percent or more by the year 2025 and becoming a Zero Waste city by 2030.[109] State law (AB 341) currently requires at least 50% solid waste diversion and establishes a state-wide goal of not less than 75% of solid waste generated be source reduced, recycled, or composted by the year 2020. As of 2012, the City of Los Angeles achieved a landfill diversion rate of 76.4%, based upon the calculation methodology adopted by the State of California.[110]

Moreover, state law requires mandatory commercial recycling in all businesses and multi-family complexes and imposes additional reporting requirements on local agencies, including the City of Los Angeles. In order to meet these requirements and goals, the City has established an exclusive, competitive franchise system for the collection, transportation and processing of commercial and multi-family solid waste that will aid the City in meeting its diversion goals by, among other things: (i) requiring franchisees to meet diversion targets; (ii) increasing the capacity for partnership between the City and solid waste haulers; (iii) allowing the City to establish consistent methods for diversion of recyclables and organics; (iv) increasing the City's ability to track diversion, which will enable required reporting and monitoring of state mandated commercial and multi-family recycling; (v) increasing the City's ability to ensure diversion quality in the processing facilities handling its waste and recyclables; and (vi) increasing the City's capacity to enforce compliance with federal, state, county, and local standards.

In 2017, the City of Los Angeles entered into exclusive franchise agreements with waste haulers to provide solid waste, commingled recyclables, and organics collection, transfer, disposal and processing services to commercial and multifamily establishments in the City. The companies that were awarded the contract for each franchise secured a dedicated waste stream, increasing the financial viability to develop new organic waste processing and conversion technology facilities in the vicinity of the City of Los Angeles.

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[109] *City of Los Angeles, Solid Waste Integrated Resources Plan – A Zero Waste Master Plan, October 2013, Final Adoption, April 2015.*

[110] *City of Los Angeles, Bureau of Sanitation, Zero Waste Progress Report, March 2013.*

The Project Site is located within the Downtown Commercial Waste Franchise Zone, which is serviced under contract to NASA Services, Inc. Under the existing contract, the service provider is required to deliver all solid waste resources collected to the following certified facilities:

- Central Los Angeles Recycling and Transfer Station (CLARTS), located at 2201 E. Washington Boulevard and
- Puente Hills Material Recovery Facilities, located at 2808 S. Workman Mill Road.[111]

All solid waste is disposed onto these two recycling and transfer facilities. Then all trash and non-recyclables materials are transferred to a landfill that accepts non-recyclable waste. It is assumed that the Proposed Project's solid waste would be disposed of at the Sunshine Canyon Landfill. The Sunshine Canyon Landfill is jointly operated by the City and the County, has a remaining capacity of 68.0 million tons. The Sunshine Canyon Landfill has an estimated remaining life of 20 years.[112]

The Proposed Project would follow all applicable solid waste policies and objectives that are required by law, statute, or regulation. Under the requirements of the hauler's AB 939 Compliance Permit from the Bureau of Sanitation, all construction and demolition debris would be delivered to a Certified Construction and Demolition Waste Processing Facility. Debris from demolition of any asphalt surface parking located on the Project Site would be recycled/recovered and would not be deposited in area landfills. Based on the calculations provided in Table 6.36, it is estimated that the proposed construction activities would generate approximately 3,780 tons of debris during the demolition and construction process that would be exported to a landfill located within the City. In order to meet the diversion goals of the California Integrated Waste Management Act and the City of Los Angeles, the Applicant shall salvage and recycle construction and demolition materials to ensure that a minimum of 70 percent of construction-related solid waste that can be recycled is diverted from the waste stream to be landfilled. Solid waste diversion would be accomplished though the on-site separation of materials and/or by contracting with a solid waste disposal facility that can guarantee a minimum diversion rate of 70 percent. Pursuant to Section 66.32 of the LAMC, the Proposed Project's solid waste contractor must obtain, in addition to all other required permits, an AB 939 Compliance Permit from the Bureau of Sanitation.

[111] *City of Los Angeles, Personal Services Contract Between The City of Los Angeles and NASA Services, Inc., for Exclusive Franchise to Provide Collection, Transfer, Processing, and Disposal Services for Solid Resources to Commercial Establishments and Applicable Multifamily Establishments in the Downtown Zone.*

[112] *County of Los Angeles Department of Public Works, The Countywide Integrated Waste Management Plan 2017 Annual Report, April 2019.*

Table 6.36
Estimated Construction and Demolition Debris

Construction Activity	Size	Rate [a]	Generated Waste (tons)
Demolition			
Commercial/Retail	28,110 sf	155 lbs/sf	2,179
Surface Asphalt	22,757 sf [b]	2,400 lbs/cy	506
Construction			
Residential	330,935 sf	4.38 lbs/sf	725
Ground-floor Commercial/Lobby	47,089 sf	3.89 lbs/sf	92
Parking Levels	143,058 sf [c]	3.89 lbs/sf	278
		Total Debris:	**3,780**

Notes: sf= square feet
[a] *USEPA Report No EPA530-98-010, Characterization of Building Related Construction and Demolition Debris in the United States, July 1998.*
[b] *It is estimated that approximately 22,757 sf of paved asphalt encompasses the Project Site and approximately ½-inch deep.*
[c] *Parking garage area was estimated by multiplying the Project Site by three levels since there are three levels of above grade parking.*
Source: Parker Environmental Consultants, 2019.

As shown in Table 6.37, below, Estimated Operational Solid Waste Generation, the Proposed Project's net generation during operation of the Proposed Project would be 4,135 pounds per day, as compared to the existing uses on the Project Site. However, this estimate is conservative, as it does not factor in any recycling or waste diversion programs. The Proposed Project's solid waste would be handled by private waste collection services. The amount of solid waste generated by the Proposed Project is within the available capacities at area landfills and Project impacts to regional landfill capacity would be less than significant. In compliance with AB 341, recycling bins shall be provided at appropriate locations to promote recycling of paper, metal, glass and other recyclable material. These bins shall be emptied and recycled accordingly as a part of the Proposed Project's regular solid waste disposal program. The Project Applicant shall only contract for waste disposal services with a company that recycles solid waste in compliance with AB 341. ***The amount of solid waste generated by the Proposed Project is within the available capacities of area landfills, and the Proposed Project's impacts to regional landfill capacity would be less than significant.***

Table 6.37
Expected Operational Solid Waste Generation

Type of Use	Size [b]	Solid Waste Generation Rate [a] (lbs/unit/day)	Total Solid Waste Generated (lbs/day)
Existing Uses (to be removed)			
Commercial/Retail (26,710 sf)	54 emp	10.53 lbs/employee/day	569
Total Existing Solid Waste Generation:			**569**
Proposed Project			
Residential	363 du	12.23 lbs/du/day	4,440
Commercial/Retail (12,500 sf)	25 emp	10.53 lbs/employee/day	264
Total Project Solid Waste Generation:			**4,704**
Less Existing:			*(569)*
NET TOTAL Solid Waste Generation:			**4,135**

Notes: sf = square feet
[a] *Includes all materials discarded, whether or not they are later recycled or disposed of in a landfill.*
[b] *The employee generation factor for commercial/retail uses were taken from the City of Los Angeles Department of Transportation VMT Calculator (see Appendix J.1 CEQA VMT Analysis, November 17, 2020).*
Source: Parker Environmental Consultants, 2019.

Regulatory Compliance Measures

RCM-PU-5 **Solid Waste Recycling - Construction/Demolition.** In compliance with LAMC Section 66.32.1, the Project shall incorporate the following:

- Prior to the issuance of any demolition or construction permit, the Applicant shall provide a copy of the receipt or contract from a waste disposal company providing services to the project, specifying recycled waste service(s), to the satisfaction of the Department of Building and Safety. The demolition and construction contractor(s) shall only contract for waste disposal services with a company that recycles demolition and/or construction-related wastes.
- To facilitate on-site separation and recycling of demolition- and construction-related wastes, the contractor(s) shall provide temporary waste separation bins on-site during demolition and construction. These bins shall be emptied and the contents recycled accordingly as a part of the project's regular solid waste disposal program.

RCM-PU-6 **Solid Waste Recycling – Operational.** In compliance with LAMC Section 66.32 and AB 341, the Project shall incorporate the following:

- All waste shall be disposed of properly. Use appropriately labeled recycling bins to recycle demolition and construction materials including: solvents, water-based paints, vehicle fluids, broken asphalt and concrete, bricks, metals, wood, and vegetation. Non-recyclable materials/wastes shall be taken to an appropriate landfill. Toxic wastes must be discarded at a licensed regulated disposal site.

- Recycling bins shall be provided at appropriate locations to promote recycling of paper, metal, glass, and other recyclable material. These bins shall be emptied and recycled accordingly as a part of the Project's regular solid waste disposal program.

e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less Than Significant Impact. A significant impact may occur if a project would generate solid waste that was not disposed of in accordance with applicable regulations. Solid waste management in the State is primarily guided by the California Integrated Waste Management Act of 1989 (AB 939), which emphasizes resource conservation through reduction, recycling, and reuse of solid waste. AB 939 establishes an integrated waste management hierarchy consisting of (in order of priority): (1) source reduction; (2) recycling and composting; and (3) environmentally safe transformation and land disposal. In addition, AB 1327 provided for the development of the California Solid Waste Reuse and Recycling Access Act of 1991, which requires the adoption of an ordinance by any local agency governing the provision of adequate areas for the collection and loading of recyclable materials in development projects. Furthermore, Assembly Bill 341 (AB 341), which became effective on July 1, 2012, requires businesses and public entities that generate four cubic yards or more of waste per week and multi-family dwellings with five or more units, to recycle. The purpose of AB 341 is to reduce greenhouse gas emissions by diverting commercial solid waste from landfills and expand opportunities for recycling in California. In addition, in March 2006, the Los Angeles City Council adopted RENEW LA, a 20-year plan with the primary goal of shifting from waste disposal to resource recovery within the City, resulting in "zero waste" by 2030. The "blueprint" of the plan builds on the key elements of existing reduction and recycling programs and infrastructure, and combines them with new systems and conversion technologies to achieve resource recovery (without combustion) in the form of traditional recyclables, soil amendments, renewable fuels, chemicals, and energy. The plan also calls for reductions in the quantity and environmental impacts of residue material disposed in landfills. More recently, in October 2014, Governor Jerry Brown signed AB 1826, requiring businesses to recycle their organic waste on and after April 1, 2016, depending on the amount of waste generated per week. Specifically, beginning April 1, 2016, businesses that generate eight cubic yards of organic waste per week shall arrange for organic waste recycling services. In addition, beginning January 1, 2017, businesses that generate four cubic yards of organic waste per week shall arrange for organic waste recycling services. Mandatory recycling of organic waste is the next step toward achieving California's recycling and greenhouse gas emission goals. Organic waste such as green materials and food materials are recyclable through composting and mulching, and through anaerobic digestion, which can produce renewable energy and fuel. Reducing the amount of organic materials sent to landfills and increasing the production of compost and mulch are part of the AB 32 (California Global Warming Solutions Act of 2006) Scoping Plan.

The Proposed Project would be consistent with the applicable regulations associated with solid waste. Specifically, the Proposed Project would provide adequate storage areas in accordance with the City of Los Angeles Space Allocation Ordinance (Ordinance No. 171,687), which

requires that development projects include an on-site recycling area or room of specified size. The Proposed Project would also comply with AB 939, AB 341, AB 1826 and City waste diversion goals, as applicable, by providing clearly marked, source-sorted receptacles to facilitate recycling. ***Since the Proposed Project would comply with federal, State, and local statutes and regulations related to solid waste, impacts would be less than significant, and no mitigation measures are required.***

Cumulative Impacts

Less Than Significant Impact. Development of the Proposed Project in conjunction with the related projects would further increase regional demands on landfill capacity. The impact of the continued growth of the region would likely have the effect of diminishing the daily excess capacity of the existing landfills serving the City of Los Angeles. Based on the 2017 Los Angeles County Countywide Integrated Waste Management Plan (CoIWMP) Annual Report, the countywide cumulative need for Class III landfill disposal capacity of approximately 126.4 million tons in the year 2032 will not exceed the 2017 remaining permitted Class III landfill capacity of 167.6 million tons.[113] However, solutions to resolve the regional solid waste disposal needs beyond 2030 are continuously being investigated at the state, regional, and local levels. The regional scenario analyses presented in the Countywide Integrated Waste Management Plan – Los Angeles County – Countywide Summary Plan and Citing Element (adopted December 2016) demonstrate that the County could meet its disposal capacity needs by promoting extended producer responsibility, continuing to enhance diversion programs and increasing the Countywide diversion rate, and developing conversion and other alternative technologies. Additionally, by successfully permitting and developing all proposed in-County landfill expansions, utilizing available or planned out-of-County disposal facilities, and developing infrastructure to facilitate exportation of waste to out-of-County landfills, the County may further ensure adequate disposal capacity is available throughout the planning period. Thus, cumulative impacts with respect to regional solid waste impacts would be less than significant.

Furthermore, it should be noted that the City of Los Angeles Solid Waste Management Plan (AB 939) sets forth strategies that would provide adequate landfill capacity through 2037 to accommodate anticipated growth. The Bureau of Sanitation has projected the need for waste disposal capacity based on SCAG's regional population growth projections. The growth associated with Proposed Project is within those projections. Furthermore, projects within the City of Los Angeles must comply with the City's SRRE.

As of 2012, the City of Los Angeles achieved a landfill diversion rate of 76.4%, based upon the calculation methodology adopted by the State of California.[114] Waste diversion rates are required to increase to 75 percent by 2025 and through on-going development of waste management infrastructure over the last decade and innovative source reduction, reuse, recycling and composting programs have been implemented. These programs include Green

[113] *County of Los Angeles, Department of Public Works; Los Angeles County Integrated Waste Management Plan 2017 Annual Report, April 2019.*

[114] *City of Los Angeles, Bureau of Sanitation, Zero Waste Progress Report, March 2013.*

Mulching and Composting workshops, back yard trimming recycling cans, the City-owned Central Los Angeles Refuse Transfer Station (CLARTS) and Residential Special Material and Electronics Recycling or S.A.F.E. Centers. New programs are being implemented to increase the amount of waste diverted by the City, including: multi-family recycling, food waste recycling, commercial recycling and technical assistance and support for City departments to help meet their waste reduction and recycling goals. The City is also developing programs to ultimately meet a goal of zero waste by 2030. Thus, the Proposed Project's contribution to cumulative impacts would continue to decrease as it increases waste diversion rates in accordance with City goals. Moreover, as with the Proposed Project, other related projects would participate in regional source reduction and recycling programs significantly reducing the amount of solid waste deposited in area landfills. ***Therefore, the Proposed Project's contribution to cumulative solid waste impacts would be less than cumulatively considerable, and cumulative impacts with respect to solid waste would be less than significant.***

XX. Wildfire

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones:

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

Responses a through d: No Impact. A potential significant impact upon wildfire hazards could occur if the Project Site were to be located on state responsibility areas or lands classified as very high fire hazard severity zones. Lands subject to this provision have been designated by the City of Los Angeles Fire Department pursuant to Government Code 51178 that were identified and recommended to local agencies by the Director of Forestry and Fire Protection based on criteria that includes fuel loading, slope, fire weather, and other relevant factors. These areas must comply with the Brush Clearance Requirements of the Fire Code. The Very High Fire Hazard Severity Zone (VHFHSZ) was first established in the City of Los Angeles in 1999 and replaced the older "Mountain Fire District" and "Buffer Zone." The Proposed Project Site is not located within a state responsibility area or land classified as a very high fire hazard severity zone. ***Therefore, this checklist question is not applicable to the Proposed Project, and no impact would occur.***

XXI. Mandatory Findings of Significance

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	☒	☐
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	☒	☐
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant Impact. A significant impact would occur only if the Proposed Project results in potentially significant impacts for any of the above issues. The Proposed Project is located in a densely populated urban area and would have no unmitigated significant impacts with respect to biological resources or California's history or pre-history. As noted in the analysis above, the Project Site is developed with four commercial/retail buildings and surface parking lot and does not support any substantial habitat of a fish or wildlife species. Vegetation on the Project Site is limited to trees in the public right-of-way. Compliance with standard regulatory compliance measures would reduce potential impacts upon migratory bird species associated with the proposed tree removals, should construction commence during the breeding season.

Additionally, although no known direct impacts to historic resources are anticipated, compliance with existing regulations would ensure any impacts upon cultural resources are less than significant level in the unlikely event any such historic, or archaeological materials are accidentally discovered during the construction process.

With respect to paleontological resources, excavations that extend down below five feet may encounter significant fossil vertebrate specimens. Any substantial excavations below the uppermost layers in the Proposed Project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains discovered while not impeding development. With adherence to regulatory compliance, any impacts to paleontological resources would be less than significant. ***Therefore, with adherence to regulatory compliance measures, the Proposed Project would not have the potential to degrade the quality of the environment, reduce or threaten any fish or wildlife species (endangered or otherwise), or eliminate important examples of the major periods of California history or pre-history.***

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Less Than Significant Impact. A significant impact may occur if the Proposed Project, in conjunction with other related projects in the area of the Project Site, would result in impacts that would be less than significant when viewed separately, but would be significant when viewed together. As concluded in this analysis, the Proposed Project's incremental contribution to cumulative impacts related to aesthetics, agriculture and forestry resources, air quality, biological resources, cultural resources, energy, geology/soils, greenhouse gas emissions, hazards/hazardous materials, hydrology/water quality, land use/planning, mineral resources, noise, population/housing, public services, recreation, transportation/traffic, utilities, tribal cultural resources, and wildland fire hazards would be less than significant. ***As such, the Proposed Project's contribution to cumulative impacts would be less than significant.***

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Less Than Significant with Mitigation Incorporated. A significant impact may occur if the Proposed Project has the potential to result in significant impacts, as discussed in the preceding sections. Based on the preceding environmental analysis, the Proposed Project would not have significant environmental effects on human beings, either directly or indirectly after mitigation where applicable. ***Thus, with mitigation, any potentially significant impacts to humans would be less than significant.***

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8. References, Acronyms, and Abbreviations

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2. Acronyms and Abbreviations

AAM	Annual Arithmetic Mean
AB	Assembly Bill
ACM	Asbestos-containing materials
AEP	Association of Environmental Professionals
AFY	Acre-feet per year
APN	Assessor Parcel Number
AQMP	Air Quality Management Plan
ASTM	American Society of Testing and Materials
ASTs	above-ground storage tanks
ATCS	Adaptive Traffic Control System
Basin	South Coast Air Basin
BMPs	Best Management Practices
C/D	construction/demolition

CAA	Clean Air Act
CAAQS	California ambient air quality standards
Caltrans	California Department of Transportation
Cal/EPA	California Environmental Protection Agency
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAT	Climate Action Team
CBC	California Building Code (2007)
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
Cf	Cubic feet
CFC	Chlorofluorocarbons
CGS	California Geological Survey
CH_4	Methane
CHRIS	California Historical Resources Information Systems
CHMIRS	California Hazardous Material Incident Report System
CiSWMPP	City of Los Angeles Solid Waste Management Policy Plan
CIWMA	California Integrated Waste Management Act
CLARTS	Central Los Angeles Refuse Transfer Station
CMP	Congestion Management Plan
CNEL	Community Noise Exposure Level
CO	carbon monoxide
CO_2	carbon dioxide
CO2e	carbon dioxide equivalent
COHb	carboxyhemoglobin
COPC	Chemical of Potential Concern
CORRACTS	Corrective Action Treatment, Storage, and Disposal Facilities
CPA	Community Plan Area
CPT	cone penetrometer test
CPU	Crime Prevention Unit
CRA/LA	Community Redevelopment Agency of the City of Los Angeles
CUP	conditional use permit
CWA	Clean Water Act
CWC	California Water Code
cy	cubic yards
dB	decibel
dBA	A-weighted decibel scale
d/D	flow level
DHS	California Department of Health and Services
DOGGR	California Department of Conservation Division of Oil, Gas, and Geothermal Resources
DWP	Department of Water and Power
DWR	California Department of Water Resources

du	dwelling unit
EIR	Environmental Impact Report
EMS	Emergency Medical Service
EOO	Emergency Operations Organization
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
EZ	Los Angeles State Enterprise Zone
FAR	Floor Area Ratio
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FTIP	Federal Transportation Improvement Program
GBCI	Green Building Certification Institute
GHG	greenhouse gas
gpd	gallons per day
gpm	gallons per minute
GWP	Global Warming Potential
HFC	hydrofluorocarbons
HQTA	High-Quality Transit Areas
HSA	Hyperion Service Area
HTP	Hyperion Treatment Plant
HVAC	Heating, Ventilation and Air Conditioning
I-101	Hollywood Freeway
ISO	Interim Control Ordinance
ITE	Institute of Transportation Engineers
km	kilometers
kV	kilovolt
kWh	kilowatt-hours
LAA	Los Angeles Aqueduct
LAAFP	Los Angeles Aqueduct Filtration Plant
LABC	City of Los Angeles Building Code
LABS	Los Angeles Department of Public Works Bureau of Sanitation
LADBS	Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADRP	Los Angeles Department of Recreation and Parks
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	Los Angeles Police Department
LAPL	Los Angeles Public Library
LARWQCB	Los Angeles Regional Water Quality Control Board
LAUSD	Los Angeles Unified School District
LBP	Lead-based paint
lbs/day	pounds per day
LCFS	Low Carbon Fuel Standard
L_{dn}	day-night average noise level
LEED	Leadership in Energy and Environmental Design
L_{eq}	equivalent energy noise level/ambient noise level
LID	Low Impact Development
LOS	Level of Service

LST	localized significance thresholds
LUST	leaking underground storage tank
LUTP	Land Use/Transportation Policy
MBTA	Migratory Bird Treaty Act
MCE	Maximum Considered Earthquake
MEP	maximum extent practicable
MERV	Minimum Efficiency Reporting Value
Metro	Los Angeles County Metropolitan Transit Authority
mgd	million gallons per day
mi	miles
MPO	Metropolitan Planning Organization
MS4	medium and large municipal separate storm sewer systems
msl	mean sea level
mm	millimeters
M_{max}	maximum moment magnitude
MTA	Metropolitan Transportation Authority
MWD	Metropolitan Water District
MWh	Mega-Watt hours
N_2O	nitrous oxide
NAAQS	National ambient air quality standards
NAHC	Native American Heritage Commission
NFRAP	No Further Remedial Action Planned Sites
NO_2	nitrogen dioxide
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
O_3	Ozone
OAL	California Office of Administrative Law
OPR	Office of Planning and Research
Pb	lead
PCB	polychlorinated biphenyl
PCE	tetrachloroethylene
PEC	Potential environmental concern
PFC	perfluorocarbons
PGA	peak horizontal ground acceleration
PM	particulate matter
PM_{10}	respirable particulate matter
$PM_{2.5}$	fine particulate matter
ppd	pounds per day
ppm	parts per million
PRC	Public Resources Code
PSI	pounds per square inch
PUC	Public Utilities Commission (also see CPUC)
PWS	Public water suppliers
RCP	Regional Comprehensive Plan
RCPG	Regional Comprehensive Plan and Guide
RCRA	Resource Conservation Recovery Act
RD	Reporting District
REC	Recognized Environmental Condition
ROG	Reactive Organic Gases

ROWD	Report of Waste Discharge
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCG	Southern California Gas Company
SCH	State Clearinghouse
sf	square feet
SF_6	sulfur hexafluoride
SIP	State Implementation Plan
SLF	Sacred Lands File
SLIC	Spills, Leaks, Investigation and Cleanup
SO_2	sulfur dioxide
SO_4	sulfates
SOx	sulfur oxides
SOPA	Society of Professional Archeologist
SPT	Standard Penetration Test
SR-110	Harbor Freeway
SRA	source receptor area
SRRE	Source Reduction and Recycling Element
SUSMP	Standard Urban Storm Water Mitigation Plan
SWAT	Solid Waste Assessment Test
SWF/LF	Solid Waste Information System
SWFP	Solid Waste Facility Permit
SWMP	Stormwater Management Plan
SWMPP	Solid Waste Management Policy Plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resource Control Board
TAC	Toxic Air Contaminants
TCM	transportation control measures
TDM	Transportation Demand Management Plan
TFAR	Transfer of Floor Area Rights
TIA	Traffic Impact Assessment
TOD	Transit Oriented District
TPH	total petroleum hydrocarbons
TSD	Treatment, Storage, and Disposal
TSP	Transportation Specific Plan
ULSD	Ultra Low Sulfur Diesel
US-101	Hollywood Freeway
U.S.EPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGBC	United States Green Building Council
USGS	U.S. Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan

V/C	Volume-to-Capacity
VCP	Voluntary Cleanup Plan
VdB	Vibration decibels
VHFHSZ	Very High Fire Hazard Severity Zone
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound
VRF	Variable Refrigerant Flow Air-conditioning
WE	Water Efficiency
WMA	Watershed Management Area
WMUDS	Waste Management Unit Database System
WSA	Water Supply Assessment
µg/m3	micrograms per cubic meter
ZIMAS	Zoning Information and Map Access System

APPENDIX A:

AIR QUALITY MODELING WORKSHEETS

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Main Street Tower (Existing)

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	26.71	1000sqft	1.12	26,710.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2019
Utility Company					
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data based on Site Plans dated 12/12/18

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR EXISTING CONDITIONS SCENARIO

Off-road Equipment -

Vehicle Trips - Trip rates are based on 26,710 sf of actively used space, as mentioned in the Traffic Impact Assessment dated 6/4/19. Trip rates were adjusted to incorporate trip reductions (transit/walk adjustment and pass-by adjustmnet.

Energy Use - Assumes historical Title 24 for existing conditions scenario

Trips and VMT - IGNORE CONSTRUCTION

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	13355	14055
tblAreaCoating	Area_Nonresidential_Interior	40065	42165
tblLandUse	LotAcreage	0.61	1.12
tblSolidWaste	SolidWasteGenerationRate	28.05	4.20
tblTripsAndVMT	HaulingTripLength	20.00	1.00
tblTripsAndVMT	VendorTripLength	6.90	1.00
tblTripsAndVMT	VendorTripNumber	4.00	1.00
tblTripsAndVMT	WorkerTripLength	14.70	1.00
tblTripsAndVMT	WorkerTripNumber	9.00	1.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	37.55
tblVehicleTrips	SU_TR	25.24	18.99
tblVehicleTrips	WD_TR	42.70	32.09
tblWater	IndoorWaterUseRate	1,978,477.05	296,290.09
tblWater	OutdoorWaterUseRate	1,212,614.97	181,597.15

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.2555	3.0733	1.1738	2.9700e-003	1.7200e-003	0.1275	0.1292	4.9000e-004	0.1173	0.1178	0.0000	295.2406	295.2406	0.0918	0.0000	297.5345
Maximum	**0.2555**	**3.0733**	**1.1738**	**2.9700e-003**	**1.7200e-003**	**0.1275**	**0.1292**	**4.9000e-004**	**0.1173**	**0.1178**	**0.0000**	**295.2406**	**295.2406**	**0.0918**	**0.0000**	**297.5345**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.2555	3.0733	1.1738	2.9700e-003	1.7200e-003	0.1275	0.1292	4.9000e-004	0.1173	0.1178	0.0000	295.2406	295.2406	0.0918	0.0000	297.5345
Maximum	**0.2555**	**3.0733**	**1.1738**	**2.9700e-003**	**1.7200e-003**	**0.1275**	**0.1292**	**4.9000e-004**	**0.1173**	**0.1178**	**0.0000**	**295.2406**	**295.2406**	**0.0918**	**0.0000**	**297.5345**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Energy	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Mobile	2.1251	11.4179	28.1532	0.0913	7.3372	0.1079	7.4451	1.9634	0.1016	2.0650		9,277.9526	9,277.9526	0.5066		9,290.6175
Total	**2.7270**	**11.4310**	**28.1669**	**0.0914**	**7.3372**	**0.1089**	**7.4461**	**1.9634**	**0.1026**	**2.0660**		**9,293.6272**	**9,293.6272**	**0.5069**	**2.9000e-004**	**9,306.3856**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Energy	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Mobile	2.1251	11.4179	28.1532	0.0913	7.3372	0.1079	7.4451	1.9634	0.1016	2.0650		9,277.9526	9,277.9526	0.5066		9,290.6175
Total	**2.7270**	**11.4310**	**28.1669**	**0.0914**	**7.3372**	**0.1089**	**7.4461**	**1.9634**	**0.1026**	**2.0660**		**9,293.6272**	**9,293.6272**	**0.5069**	**2.9000e-004**	**9,306.3856**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	4/9/2019	8/26/2019	5	100	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	4.00	231	0.29

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction	5	1.00	1.00	0.00	1.00	1.00	1.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2520	3.0035	1.1465	2.8800e-003		0.1273	0.1273		0.1171	0.1171		285.6053	285.6053	0.0904		287.8644
Total	**0.2520**	**3.0035**	**1.1465**	**2.8800e-003**		**0.1273**	**0.1273**		**0.1171**	**0.1171**		**285.6053**	**285.6053**	**0.0904**		**287.8644**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0700e-003	0.0693	0.0197	8.0000e-005	9.5000e-004	1.6000e-004	1.1100e-003	2.8000e-004	1.5000e-004	4.3000e-004		8.6680	8.6680	1.3400e-003		8.7016
Worker	1.4100e-003	5.9000e-004	7.6000e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.2000e-004		0.9674	0.9674	5.0000e-005		0.9686
Total	**3.4800e-003**	**0.0698**	**0.0273**	**9.0000e-005**	**1.7200e-003**	**1.7000e-004**	**1.8900e-003**	**4.9000e-004**	**1.6000e-004**	**6.5000e-004**		**9.6353**	**9.6353**	**1.3900e-003**		**9.6702**

3.2 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2520	3.0035	1.1465	2.8800e-003		0.1273	0.1273		0.1171	0.1171	0.0000	285.6053	285.6053	0.0904		287.8644
Total	**0.2520**	**3.0035**	**1.1465**	**2.8800e-003**		**0.1273**	**0.1273**		**0.1171**	**0.1171**	**0.0000**	**285.6053**	**285.6053**	**0.0904**		**287.8644**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0700e-003	0.0693	0.0197	8.0000e-005	9.5000e-004	1.6000e-004	1.1100e-003	2.8000e-004	1.5000e-004	4.3000e-004		8.6680	8.6680	1.3400e-003		8.7016
Worker	1.4100e-003	5.9000e-004	7.6000e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.2000e-004		0.9674	0.9674	5.0000e-005		0.9686
Total	**3.4800e-003**	**0.0698**	**0.0273**	**9.0000e-005**	**1.7200e-003**	**1.7000e-004**	**1.8900e-003**	**4.9000e-004**	**1.6000e-004**	**6.5000e-004**		**9.6353**	**9.6353**	**1.3900e-003**		**9.6702**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.1251	11.4179	28.1532	0.0913	7.3372	0.1079	7.4451	1.9634	0.1016	2.0650		9,277.9526	9,277.9526	0.5066		9,290.6175
Unmitigated	2.1251	11.4179	28.1532	0.0913	7.3372	0.1079	7.4451	1.9634	0.1016	2.0650		9,277.9526	9,277.9526	0.5066		9,290.6175

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Regional Shopping Center	857.12	1,002.96	507.22	2,848,540	2,848,540
Total	857.12	1,002.96	507.22	2,848,540	2,848,540

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Regional Shopping Center	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
NaturalGas Unmitigated	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Regional Shopping Center	133.184	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Total		**1.4400e-003**	**0.0131**	**0.0110**	**8.0000e-005**		**9.9000e-004**	**9.9000e-004**		**9.9000e-004**	**9.9000e-004**		**15.6687**	**15.6687**	**3.0000e-004**	**2.9000e-004**	**15.7618**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Regional Shopping Center	0.133184	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Total		**1.4400e-003**	**0.0131**	**0.0110**	**8.0000e-005**		**9.9000e-004**	**9.9000e-004**		**9.9000e-004**	**9.9000e-004**		**15.6687**	**15.6687**	**3.0000e-004**	**2.9000e-004**	**15.7618**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Unmitigated	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5289					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Total	**0.6005**	**3.0000e-005**	**2.7500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.8500e-003**	**5.8500e-003**	**2.0000e-005**		**6.2400e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5289					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Total	**0.6005**	**3.0000e-005**	**2.7500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.8500e-003**	**5.8500e-003**	**2.0000e-005**		**6.2400e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Main Street Tower (Existing)

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	26.71	1000sqft	1.12	26,710.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2019
Utility Company					
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data based on Site Plans dated 12/12/18

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR EXISTING CONDITIONS SCENARIO

Off-road Equipment -

Vehicle Trips - Trip rates are based on 26,710 sf of actively used space, as mentioned in the Traffic Impact Assessment dated 6/4/19. Trip rates were adjusted to incorporate trip reductions (transit/walk adjustment and pass-by adjustmnet.

Energy Use - Assumes historical Title 24 for existing conditions scenario

Trips and VMT - IGNORE CONSTRUCTION

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	13355	14055
tblAreaCoating	Area_Nonresidential_Interior	40065	42165
tblLandUse	LotAcreage	0.61	1.12
tblSolidWaste	SolidWasteGenerationRate	28.05	4.20
tblTripsAndVMT	HaulingTripLength	20.00	1.00
tblTripsAndVMT	VendorTripLength	6.90	1.00
tblTripsAndVMT	VendorTripNumber	4.00	1.00
tblTripsAndVMT	WorkerTripLength	14.70	1.00
tblTripsAndVMT	WorkerTripNumber	9.00	1.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	37.55
tblVehicleTrips	SU_TR	25.24	18.99
tblVehicleTrips	WD_TR	42.70	32.09
tblWater	IndoorWaterUseRate	1,978,477.05	296,290.09
tblWater	OutdoorWaterUseRate	1,212,614.97	181,597.15

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.2554	3.0750	1.1701	2.9800e-003	1.7200e-003	0.1275	0.1292	4.9000e-004	0.1173	0.1178	0.0000	296.0877	296.0877	0.0916	0.0000	298.3781
Maximum	**0.2554**	**3.0750**	**1.1701**	**2.9800e-003**	**1.7200e-003**	**0.1275**	**0.1292**	**4.9000e-004**	**0.1173**	**0.1178**	**0.0000**	**296.0877**	**296.0877**	**0.0916**	**0.0000**	**298.3781**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.2554	3.0750	1.1701	2.9800e-003	1.7200e-003	0.1275	0.1292	4.9000e-004	0.1173	0.1178	0.0000	296.0877	296.0877	0.0916	0.0000	298.3781
Maximum	**0.2554**	**3.0750**	**1.1701**	**2.9800e-003**	**1.7200e-003**	**0.1275**	**0.1292**	**4.9000e-004**	**0.1173**	**0.1178**	**0.0000**	**296.0877**	**296.0877**	**0.0916**	**0.0000**	**298.3781**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Energy	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Mobile	2.2247	11.1342	30.0429	0.0966	7.3372	0.1072	7.4444	1.9634	0.1009	2.0643		9,802.1047	9,802.1047	0.5090		9,814.8300
Total	**2.8266**	**11.1473**	**30.0567**	**0.0967**	**7.3372**	**0.1082**	**7.4454**	**1.9634**	**0.1019**	**2.0653**		**9,817.7793**	**9,817.7793**	**0.5093**	**2.9000e-004**	**9,830.5981**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Energy	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Mobile	2.2247	11.1342	30.0429	0.0966	7.3372	0.1072	7.4444	1.9634	0.1009	2.0643		9,802.1047	9,802.1047	0.5090		9,814.8300
Total	**2.8266**	**11.1473**	**30.0567**	**0.0967**	**7.3372**	**0.1082**	**7.4454**	**1.9634**	**0.1019**	**2.0653**		**9,817.7793**	**9,817.7793**	**0.5093**	**2.9000e-004**	**9,830.5981**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	4/9/2019	8/26/2019	5	100	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	4.00	231	0.29

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction	5	1.00	1.00	0.00	1.00	1.00	1.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2520	3.0035	1.1465	2.8800e-003		0.1273	0.1273		0.1171	0.1171		285.6053	285.6053	0.0904		287.8644
Total	**0.2520**	**3.0035**	**1.1465**	**2.8800e-003**		**0.1273**	**0.1273**		**0.1171**	**0.1171**		**285.6053**	**285.6053**	**0.0904**		**287.8644**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9100e-003	0.0710	0.0164	9.0000e-005	9.5000e-004	1.5000e-004	1.1000e-003	2.8000e-004	1.4000e-004	4.2000e-004		9.4583	9.4583	1.2100e-003		9.4885
Worker	1.5100e-003	5.4000e-004	7.1500e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.2000e-004		1.0241	1.0241	5.0000e-005		1.0253
Total	**3.4200e-003**	**0.0715**	**0.0236**	**1.0000e-004**	**1.7200e-003**	**1.6000e-004**	**1.8800e-003**	**4.9000e-004**	**1.5000e-004**	**6.4000e-004**		**10.4824**	**10.4824**	**1.2600e-003**		**10.5138**

3.2 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2520	3.0035	1.1465	2.8800e-003		0.1273	0.1273		0.1171	0.1171	0.0000	285.6053	285.6053	0.0904		287.8644
Total	**0.2520**	**3.0035**	**1.1465**	**2.8800e-003**		**0.1273**	**0.1273**		**0.1171**	**0.1171**	**0.0000**	**285.6053**	**285.6053**	**0.0904**		**287.8644**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9100e-003	0.0710	0.0164	9.0000e-005	9.5000e-004	1.5000e-004	1.1000e-003	2.8000e-004	1.4000e-004	4.2000e-004		9.4583	9.4583	1.2100e-003		9.4885
Worker	1.5100e-003	5.4000e-004	7.1500e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.8000e-004	2.1000e-004	1.0000e-005	2.2000e-004		1.0241	1.0241	5.0000e-005		1.0253
Total	**3.4200e-003**	**0.0715**	**0.0236**	**1.0000e-004**	**1.7200e-003**	**1.6000e-004**	**1.8800e-003**	**4.9000e-004**	**1.5000e-004**	**6.4000e-004**		**10.4824**	**10.4824**	**1.2600e-003**		**10.5138**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.2247	11.1342	30.0429	0.0966	7.3372	0.1072	7.4444	1.9634	0.1009	2.0643		9,802.1047	9,802.1047	0.5090		9,814.8300
Unmitigated	2.2247	11.1342	30.0429	0.0966	7.3372	0.1072	7.4444	1.9634	0.1009	2.0643		9,802.1047	9,802.1047	0.5090		9,814.8300

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Regional Shopping Center	857.12	1,002.96	507.22	2,848,540	2,848,540
Total	857.12	1,002.96	507.22	2,848,540	2,848,540

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Regional Shopping Center	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
NaturalGas Unmitigated	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Regional Shopping Center	133.184	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Total		**1.4400e-003**	**0.0131**	**0.0110**	**8.0000e-005**		**9.9000e-004**	**9.9000e-004**		**9.9000e-004**	**9.9000e-004**		**15.6687**	**15.6687**	**3.0000e-004**	**2.9000e-004**	**15.7618**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Regional Shopping Center	0.133184	1.4400e-003	0.0131	0.0110	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.6687	15.6687	3.0000e-004	2.9000e-004	15.7618
Total		**1.4400e-003**	**0.0131**	**0.0110**	**8.0000e-005**		**9.9000e-004**	**9.9000e-004**		**9.9000e-004**	**9.9000e-004**		**15.6687**	**15.6687**	**3.0000e-004**	**2.9000e-004**	**15.7618**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Unmitigated	0.6005	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5289					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Total	**0.6005**	**3.0000e-005**	**2.7500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.8500e-003**	**5.8500e-003**	**2.0000e-005**		**6.2400e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5289					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.8500e-003	5.8500e-003	2.0000e-005		6.2400e-003
Total	**0.6005**	**3.0000e-005**	**2.7500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.8500e-003**	**5.8500e-003**	**2.0000e-005**		**6.2400e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Main Street Tower (Proposed)

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	373.00	Space	1.12	143,058.00	0
Apartments High Rise	363.00	Dwelling Unit	0.00	330,935.00	944
Regional Shopping Center	12.50	1000sqft	0.00	12,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2026
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project data per Site Plan dated 12/12/18

Construction Phase - Approximate 30-month construction timeline

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Trips and VMT - Assumes 14 cy haul truck capacity and approximately 30 miles to disposal site

Demolition - Approximately 3,780 tons of construction and demolition debris

Grading - Approximately 5,434 cy of soil for export and approximately 5,434 cy of soil for import for foundations

Vehicle Trips - Trip rates were adjusted to incorporate trip reductions (internal capture, transit/walk adjustment, and pass-by trips). Trip reductions per Traffic Impact Study dated 6/4/19

Woodstoves - No woodstoves or fireplaces proposed

Land Use Change -

Sequestration - 91 trees proposed on-site

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Mitigation - Mitigation scenario assumes LAMC and LA Green Building code compliance.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	96.00
tblConstructionPhase	NumDays	300.00	400.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	30.00	129.00

tblConstructionPhase	NumDays	20.00	22.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	308.55	0.00
tblFireplaces	NumberNoFireplace	36.30	0.00
tblFireplaces	NumberWood	18.15	0.00
tblGrading	AcresOfGrading	322.50	75.00
tblGrading	MaterialExported	0.00	5,434.00
tblGrading	MaterialImported	0.00	5,434.00
tblLandUse	LandUseSquareFeet	149,200.00	143,058.00
tblLandUse	LandUseSquareFeet	363,000.00	330,935.00
tblLandUse	LotAcreage	3.36	1.12
tblLandUse	LotAcreage	5.85	0.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	Population	1,038.00	944.00
tblOffRoadEquipment	HorsePower	221.00	367.00
tblOffRoadEquipment	HorsePower	187.00	158.00
tblOffRoadEquipment	LoadFactor	0.50	0.48
tblOffRoadEquipment	LoadFactor	0.41	0.38
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblTripsAndVMT	HaulingTripNumber	1,359.00	1,553.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	50.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	54.00	50.00
tblVehicleTrips	ST_TR	4.98	2.32
tblVehicleTrips	ST_TR	49.97	33.81
tblVehicleTrips	SU_TR	3.65	1.70
tblVehicleTrips	SU_TR	25.24	17.07
tblVehicleTrips	WD_TR	4.20	1.96
tblVehicleTrips	WD_TR	42.70	28.88
tblWoodstoves	NumberCatalytic	18.15	0.00
tblWoodstoves	NumberNoncatalytic	18.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5444	37.6094	28.7646	0.0813	6.9781	1.4468	8.4249	3.4674	1.3312	4.7987	0.0000	7,979.4251	7,979.4251	2.3133	0.0000	8,037.2579
2024	3.6718	35.4891	33.2705	0.0861	10.2332	1.3614	11.5946	4.2664	1.2526	5.5190	0.0000	8,397.3880	8,397.3880	2.3128	0.0000	8,414.8501
2025	24.4073	22.6764	32.5110	0.0848	4.0423	0.7198	4.7621	1.0813	0.6967	1.7780	0.0000	8,269.6980	8,269.6980	0.6801	0.0000	8,286.6994
2026	24.3970	7.1884	12.7845	0.0237	0.7266	0.3150	1.0415	0.1927	0.3104	0.5031	0.0000	2,277.7601	2,277.7601	0.1884	0.0000	2,282.4712
Maximum	**24.4073**	**37.6094**	**33.2705**	**0.0861**	**10.2332**	**1.4468**	**11.5946**	**4.2664**	**1.3312**	**5.5190**	**0.0000**	**8,397.3880**	**8,397.3880**	**2.3133**	**0.0000**	**8,414.8501**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5444	37.6094	28.7646	0.0813	3.3216	1.4468	4.7684	1.6094	1.3312	2.9406	0.0000	7,979.4251	7,979.4251	2.3133	0.0000	8,037.2579
2024	3.6718	35.4891	33.2705	0.0861	6.5767	1.3614	7.9381	2.4084	1.2526	3.6610	0.0000	8,397.3880	8,397.3880	2.3128	0.0000	8,414.8501
2025	24.4073	22.6764	32.5110	0.0848	4.0423	0.7198	4.7621	1.0813	0.6967	1.7780	0.0000	8,269.6980	8,269.6980	0.6801	0.0000	8,286.6994
2026	24.3970	7.1884	12.7845	0.0237	0.7266	0.3150	1.0415	0.1927	0.3104	0.5031	0.0000	2,277.7601	2,277.7601	0.1884	0.0000	2,282.4712
Maximum	**24.4073**	**37.6094**	**33.2705**	**0.0861**	**6.5767**	**1.4468**	**7.9381**	**2.4084**	**1.3312**	**3.6610**	**0.0000**	**8,397.3880**	**8,397.3880**	**2.3133**	**0.0000**	**8,414.8501**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**33.27**	**0.00**	**28.32**	**41.25**	**0.00**	**29.50**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053
Energy	0.0995	0.8503	0.3641	5.4300e-003		0.0687	0.0687		0.0687	0.0687		1,085.0118	1,085.0118	0.0208	0.0199	1,091.4595
Mobile	1.5809	7.9335	19.9372	0.0872	8.4529	0.0632	8.5161	2.2611	0.0587	2.3198		8,911.0925	8,911.0925	0.3891		8,920.8197
Stationary	0.8205	3.6694	2.0922	3.9400e-003		0.1207	0.1207		0.1207	0.1207		419.7571	419.7571	0.0589		421.2283
Total	**10.8635**	**12.7981**	**52.3523**	**0.0981**	**8.4529**	**0.4188**	**8.8716**	**2.2611**	**0.4142**	**2.6753**	**0.0000**	**10,469.8703**	**10,469.8703**	**0.5206**	**0.0199**	**10,488.8128**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053
Energy	0.0947	0.8097	0.3467	5.1700e-003		0.0654	0.0654		0.0654	0.0654		1,033.2319	1,033.2319	0.0198	0.0189	1,039.3719
Mobile	1.5809	7.9335	19.9372	0.0872	8.4529	0.0632	8.5161	2.2611	0.0587	2.3198		8,911.0925	8,911.0925	0.3891		8,920.8197
Stationary	0.8205	3.6694	2.0922	3.9400e-003		0.1207	0.1207		0.1207	0.1207		419.7571	419.7571	0.0589		421.2283
Total	**10.8588**	**12.7575**	**52.3349**	**0.0979**	**8.4529**	**0.4155**	**8.8684**	**2.2611**	**0.4110**	**2.6721**	**0.0000**	**10,418.0904**	**10,418.0904**	**0.5196**	**0.0189**	**10,436.7252**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.04**	**0.32**	**0.03**	**0.27**	**0.00**	**0.78**	**0.04**	**0.00**	**0.79**	**0.12**	**0.00**	**0.49**	**0.49**	**0.19**	**4.78**	**0.50**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/12/2023	7/11/2023	5	22	
2	Grading	Grading	7/12/2023	1/8/2024	5	129	
3	Building Construction	Building Construction	1/9/2024	7/21/2025	5	400	
4	Paving	Paving	7/22/2025	8/20/2025	5	22	
5	Architectural Coating	Architectural Coating	8/21/2025	1/1/2026	5	96	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 1.12

Residential Indoor: 670,143; Residential Outdoor: 223,381; Non-Residential Indoor: 18,750; Non-Residential Outdoor: 6,250; Striped Parking Area: 8,583 (Architectural Coating – sqft)

OffRoad Equipment

Main Street Tower (Proposed) - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	367	0.48
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1		9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Architectural Coating	Aerial Lifts	1	8.00	63	0.31
Architectural Coating	Air Compressors	5	6.00	78	0.48
Architectural Coating	Forklifts	1	8.00	89	0.20

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	10.00	0.00	374.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	0.00	1,553.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	325.00	64.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	65.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6767	0.0000	3.6767	0.5567	0.0000	0.5567			0.0000			0.0000
Off-Road	2.1486	19.6499	22.4217	0.0386		0.9593	0.9593		0.8928	0.8928		3,728.2158	3,728.2158	1.0433		3,754.2983
Total	**2.1486**	**19.6499**	**22.4217**	**0.0386**	**3.6767**	**0.9593**	**4.6360**	**0.5567**	**0.8928**	**1.4495**		**3,728.2158**	**3,728.2158**	**1.0433**		**3,754.2983**

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0798	2.5829	0.8628	0.0121	0.2971	4.8900e-003	0.3019	0.0814	4.6800e-003	0.0861		1,313.5141	1,313.5141	0.0879		1,315.7127
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0245	0.2880	9.6000e-004	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		96.1296	96.1296	2.2600e-003		96.1861
Total	**0.1207**	**2.6074**	**1.1508**	**0.0131**	**0.4088**	**5.6700e-003**	**0.4145**	**0.1111**	**5.4000e-003**	**0.1165**		**1,409.6438**	**1,409.6438**	**0.0902**		**1,411.8988**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6545	0.0000	1.6545	0.2505	0.0000	0.2505			0.0000			0.0000
Off-Road	2.1486	19.6499	22.4217	0.0386		0.9593	0.9593		0.8928	0.8928	0.0000	3,728.2158	3,728.2158	1.0433		3,754.2983
Total	**2.1486**	**19.6499**	**22.4217**	**0.0386**	**1.6545**	**0.9593**	**2.6138**	**0.2505**	**0.8928**	**1.1433**	**0.0000**	**3,728.2158**	**3,728.2158**	**1.0433**		**3,754.2983**

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0798	2.5829	0.8628	0.0121	0.2971	4.8900e-003	0.3019	0.0814	4.6800e-003	0.0861		1,313.5141	1,313.5141	0.0879		1,315.7127
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0245	0.2880	9.6000e-004	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		96.1296	96.1296	2.2600e-003		96.1861
Total	**0.1207**	**2.6074**	**1.1508**	**0.0131**	**0.4088**	**5.6700e-003**	**0.4145**	**0.1111**	**5.4000e-003**	**0.1165**		**1,409.6438**	**1,409.6438**	**0.0902**		**1,411.8988**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6482	0.0000	6.6482	3.3783	0.0000	3.3783			0.0000			0.0000
Off-Road	3.4470	35.7559	27.8656	0.0718		1.4426	1.4426		1.3272	1.3272		6,953.1142	6,953.1142	2.2488		7,009.3336
Total	**3.4470**	**35.7559**	**27.8656**	**0.0718**	**6.6482**	**1.4426**	**8.0908**	**3.3783**	**1.3272**	**4.7054**		**6,953.1142**	**6,953.1142**	**2.2488**		**7,009.3336**

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0565	1.8291	0.6110	8.5600e-003	0.2181	3.4700e-003	0.2216	0.0596	3.3100e-003	0.0629		930.1812	930.1812	0.0623		931.7382
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0245	0.2880	9.6000e-004	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		96.1296	96.1296	2.2600e-003		96.1861
Total	**0.0974**	**1.8536**	**0.8990**	**9.5200e-003**	**0.3299**	**4.2500e-003**	**0.3341**	**0.0892**	**4.0300e-003**	**0.0932**		**1,026.3109**	**1,026.3109**	**0.0645**		**1,027.9243**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9917	0.0000	2.9917	1.5202	0.0000	1.5202			0.0000			0.0000
Off-Road	3.4470	35.7559	27.8656	0.0718		1.4426	1.4426		1.3272	1.3272	0.0000	6,953.1142	6,953.1142	2.2488		7,009.3336
Total	**3.4470**	**35.7559**	**27.8656**	**0.0718**	**2.9917**	**1.4426**	**4.4343**	**1.5202**	**1.3272**	**2.8474**	**0.0000**	**6,953.1142**	**6,953.1142**	**2.2488**		**7,009.3336**

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0565	1.8291	0.6110	8.5600e-003	0.2181	3.4700e-003	0.2216	0.0596	3.3100e-003	0.0629		930.1812	930.1812	0.0623		931.7382
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0409	0.0245	0.2880	9.6000e-004	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		96.1296	96.1296	2.2600e-003		96.1861
Total	**0.0974**	**1.8536**	**0.8990**	**9.5200e-003**	**0.3299**	**4.2500e-003**	**0.3341**	**0.0892**	**4.0300e-003**	**0.0932**		**1,026.3109**	**1,026.3109**	**0.0645**		**1,027.9243**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6482	0.0000	6.6482	3.3783	0.0000	3.3783			0.0000			0.0000
Off-Road	3.3568	33.6477	27.5469	0.0718		1.3572	1.3572		1.2486	1.2486		6,952.5891	6,952.5891	2.2486		7,008.8043
Total	**3.3568**	**33.6477**	**27.5469**	**0.0718**	**6.6482**	**1.3572**	**8.0054**	**3.3783**	**1.2486**	**4.6269**		**6,952.5891**	**6,952.5891**	**2.2486**		**7,008.8043**

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0569	1.8191	0.6198	8.5300e-003	3.4733	3.4300e-003	3.4767	0.8585	3.2800e-003	0.8618		926.9174	926.9174	0.0621		928.4711
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0388	0.0223	0.2685	9.3000e-004	0.1118	7.7000e-004	0.1125	0.0296	7.1000e-004	0.0304		92.9623	92.9623	2.0700e-003		93.0139
Total	**0.0958**	**1.8414**	**0.8883**	**9.4600e-003**	**3.5850**	**4.2000e-003**	**3.5892**	**0.8882**	**3.9900e-003**	**0.8922**		**1,019.8797**	**1,019.8797**	**0.0642**		**1,021.4850**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9917	0.0000	2.9917	1.5202	0.0000	1.5202			0.0000			0.0000
Off-Road	3.3568	33.6477	27.5469	0.0718		1.3572	1.3572		1.2486	1.2486	0.0000	6,952.5891	6,952.5891	2.2486		7,008.8043
Total	**3.3568**	**33.6477**	**27.5469**	**0.0718**	**2.9917**	**1.3572**	**4.3489**	**1.5202**	**1.2486**	**2.7688**	**0.0000**	**6,952.5891**	**6,952.5891**	**2.2486**		**7,008.8043**

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0569	1.8191	0.6198	8.5300e-003	3.4733	3.4300e-003	3.4767	0.8585	3.2800e-003	0.8618		926.9174	926.9174	0.0621		928.4711
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0388	0.0223	0.2685	9.3000e-004	0.1118	7.7000e-004	0.1125	0.0296	7.1000e-004	0.0304		92.9623	92.9623	2.0700e-003		93.0139
Total	**0.0958**	**1.8414**	**0.8883**	**9.4600e-003**	**3.5850**	**4.2000e-003**	**3.5892**	**0.8882**	**3.9900e-003**	**0.8922**		**1,019.8797**	**1,019.8797**	**0.0642**		**1,021.4850**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2815	18.8049	23.2274	0.0406		0.7924	0.7924		0.7686	0.7686		3,753.7370	3,753.7370	0.5385		3,767.1993
Total	**2.2815**	**18.8049**	**23.2274**	**0.0406**		**0.7924**	**0.7924**		**0.7686**	**0.7686**		**3,753.7370**	**3,753.7370**	**0.5385**		**3,767.1993**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1284	4.3428	1.3165	0.0152	0.4096	5.0900e-003	0.4147	0.1179	4.8600e-003	0.1228		1,622.3778	1,622.3778	0.0928		1,624.6977
Worker	1.2619	0.7247	8.7266	0.0303	3.6327	0.0250	3.6577	0.9634	0.0230	0.9864		3,021.2732	3,021.2732	0.0672		3,022.9531
Total	**1.3903**	**5.0675**	**10.0431**	**0.0455**	**4.0423**	**0.0301**	**4.0724**	**1.0813**	**0.0278**	**1.1092**		**4,643.6510**	**4,643.6510**	**0.1600**		**4,647.6508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2815	18.8049	23.2274	0.0406		0.7924	0.7924		0.7686	0.7686	0.0000	3,753.7370	3,753.7370	0.5385		3,767.1993
Total	**2.2815**	**18.8049**	**23.2274**	**0.0406**		**0.7924**	**0.7924**		**0.7686**	**0.7686**	**0.0000**	**3,753.7370**	**3,753.7370**	**0.5385**		**3,767.1993**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1284	4.3428	1.3165	0.0152	0.4096	5.0900e-003	0.4147	0.1179	4.8600e-003	0.1228		1,622.3778	1,622.3778	0.0928		1,624.6977
Worker	1.2619	0.7247	8.7266	0.0303	3.6327	0.0250	3.6577	0.9634	0.0230	0.9864		3,021.2732	3,021.2732	0.0672		3,022.9531
Total	**1.3903**	**5.0675**	**10.0431**	**0.0455**	**4.0423**	**0.0301**	**4.0724**	**1.0813**	**0.0278**	**1.1092**		**4,643.6510**	**4,643.6510**	**0.1600**		**4,647.6508**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1342	17.7090	23.1266	0.0406		0.6903	0.6903		0.6694	0.6694		3,754.0066	3,754.0066	0.5276		3,767.1970
Total	**2.1342**	**17.7090**	**23.1266**	**0.0406**		**0.6903**	**0.6903**		**0.6694**	**0.6694**		**3,754.0066**	**3,754.0066**	**0.5276**		**3,767.1970**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1251	4.3048	1.2821	0.0151	0.4096	5.0000e-003	0.4146	0.1179	4.7700e-003	0.1227		1,613.4301	1,613.4301	0.0912		1,615.7108
Worker	1.2021	0.6626	8.1024	0.0291	3.6327	0.0245	3.6572	0.9634	0.0225	0.9860		2,902.2613	2,902.2613	0.0612		2,903.7916
Total	**1.3272**	**4.9674**	**9.3844**	**0.0442**	**4.0423**	**0.0295**	**4.0718**	**1.0813**	**0.0273**	**1.1087**		**4,515.6915**	**4,515.6915**	**0.1524**		**4,519.5024**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1342	17.7090	23.1266	0.0406		0.6903	0.6903		0.6694	0.6694	0.0000	3,754.0065	3,754.0065	0.5276		3,767.1970
Total	**2.1342**	**17.7090**	**23.1266**	**0.0406**		**0.6903**	**0.6903**		**0.6694**	**0.6694**	**0.0000**	**3,754.0065**	**3,754.0065**	**0.5276**		**3,767.1970**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1251	4.3048	1.2821	0.0151	0.4096	5.0000e-003	0.4146	0.1179	4.7700e-003	0.1227		1,613.4301	1,613.4301	0.0912		1,615.7108
Worker	1.2021	0.6626	8.1024	0.0291	3.6327	0.0245	3.6572	0.9634	0.0225	0.9860		2,902.2613	2,902.2613	0.0612		2,903.7916
Total	**1.3272**	**4.9674**	**9.3844**	**0.0442**	**4.0423**	**0.0295**	**4.0718**	**1.0813**	**0.0273**	**1.1087**		**4,515.6915**	**4,515.6915**	**0.1524**		**4,519.5024**

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4576	4.2908	7.2890	0.0114		0.2093	0.2093		0.1925	0.1925		1,103.3726	1,103.3726	0.3569		1,112.2939
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4576**	**4.2908**	**7.2890**	**0.0114**		**0.2093**	**0.2093**		**0.1925**	**0.1925**		**1,103.3726**	**1,103.3726**	**0.3569**		**1,112.2939**

3.5 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0370	0.0204	0.2493	9.0000e-004	0.1118	7.5000e-004	0.1125	0.0296	6.9000e-004	0.0303		89.3004	89.3004	1.8800e-003		89.3474
Total	**0.0370**	**0.0204**	**0.2493**	**9.0000e-004**	**0.1118**	**7.5000e-004**	**0.1125**	**0.0296**	**6.9000e-004**	**0.0303**		**89.3004**	**89.3004**	**1.8800e-003**		**89.3474**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4576	4.2908	7.2890	0.0114		0.2093	0.2093		0.1925	0.1925	0.0000	1,103.3726	1,103.3726	0.3569		1,112.2939
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4576**	**4.2908**	**7.2890**	**0.0114**		**0.2093**	**0.2093**		**0.1925**	**0.1925**	**0.0000**	**1,103.3726**	**1,103.3726**	**0.3569**		**1,112.2939**

3.5 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0370	0.0204	0.2493	9.0000e-004	0.1118	7.5000e-004	0.1125	0.0296	6.9000e-004	0.0303		89.3004	89.3004	1.8800e-003		89.3474
Total	**0.0370**	**0.0204**	**0.2493**	**9.0000e-004**	**0.1118**	**7.5000e-004**	**0.1125**	**0.0296**	**6.9000e-004**	**0.0303**		**89.3004**	**89.3004**	**1.8800e-003**		**89.3474**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060		1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**		**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2404	0.1325	1.6205	5.8200e-003	0.7266	4.9000e-003	0.7314	0.1927	4.5100e-003	0.1972		580.4523	580.4523	0.0122		580.7583
Total	**0.2404**	**0.1325**	**1.6205**	**5.8200e-003**	**0.7266**	**4.9000e-003**	**0.7314**	**0.1927**	**4.5100e-003**	**0.1972**		**580.4523**	**580.4523**	**0.0122**		**580.7583**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060	0.0000	1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**	**0.0000**	**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2404	0.1325	1.6205	5.8200e-003	0.7266	4.9000e-003	0.7314	0.1927	4.5100e-003	0.1972		580.4523	580.4523	0.0122		580.7583
Total	**0.2404**	**0.1325**	**1.6205**	**5.8200e-003**	**0.7266**	**4.9000e-003**	**0.7314**	**0.1927**	**4.5100e-003**	**0.1972**		**580.4523**	**580.4523**	**0.0122**		**580.7583**

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060		1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**		**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2301	0.1220	1.5141	5.6100e-003	0.7266	4.7400e-003	0.7313	0.1927	4.3600e-003	0.1970		559.8692	559.8692	0.0112		560.1495
Total	**0.2301**	**0.1220**	**1.5141**	**5.6100e-003**	**0.7266**	**4.7400e-003**	**0.7313**	**0.1927**	**4.3600e-003**	**0.1970**		**559.8692**	**559.8692**	**0.0112**		**560.1495**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060	0.0000	1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**	**0.0000**	**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2301	0.1220	1.5141	5.6100e-003	0.7266	4.7400e-003	0.7313	0.1927	4.3600e-003	0.1970		559.8692	559.8692	0.0112		560.1495
Total	**0.2301**	**0.1220**	**1.5141**	**5.6100e-003**	**0.7266**	**4.7400e-003**	**0.7313**	**0.1927**	**4.3600e-003**	**0.1970**		**559.8692**	**559.8692**	**0.0112**		**560.1495**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5809	7.9335	19.9372	0.0872	8.4529	0.0632	8.5161	2.2611	0.0587	2.3198		8,911.0925	8,911.0925	0.3891		8,920.8197
Unmitigated	1.5809	7.9335	19.9372	0.0872	8.4529	0.0632	8.5161	2.2611	0.0587	2.3198		8,911.0925	8,911.0925	0.3891		8,920.8197

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	711.48	842.16	617.10	2,758,505	2,758,505
Enclosed Parking with Elevator	0.00	0.00	0.00		
Regional Shopping Center	361.00	422.63	213.38	606,202	606,202
Total	1,072.48	1,264.79	830.48	3,364,707	3,364,707

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	50	0	50

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Enclosed Parking with Elevator	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Regional Shopping Center	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0947	0.8097	0.3467	5.1700e-003		0.0654	0.0654		0.0654	0.0654		1,033.2319	1,033.2319	0.0198	0.0189	1,039.3719
NaturalGas Unmitigated	0.0995	0.8503	0.3641	5.4300e-003		0.0687	0.0687		0.0687	0.0687		1,085.0118	1,085.0118	0.0208	0.0199	1,091.4595

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	9166.44	0.0989	0.8448	0.3595	5.3900e-003		0.0683	0.0683		0.0683	0.0683		1,078.4043	1,078.4043	0.0207	0.0198	1,084.8127
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	56.1644	6.1000e-004	5.5100e-003	4.6300e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.6076	6.6076	1.3000e-004	1.2000e-004	6.6468
Total		**0.0995**	**0.8503**	**0.3641**	**5.4200e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**1,085.0118**	**1,085.0118**	**0.0208**	**0.0199**	**1,091.4595**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	8.73025	0.0942	0.8046	0.3424	5.1400e-003		0.0651	0.0651		0.0651	0.0651		1,027.0877	1,027.0877	0.0197	0.0188	1,033.1912
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.052226	5.6000e-004	5.1200e-003	4.3000e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004		6.1442	6.1442	1.2000e-004	1.1000e-004	6.1808
Total		**0.0947**	**0.8097**	**0.3467**	**5.1700e-003**		**0.0654**	**0.0654**		**0.0654**	**0.0654**		**1,033.2319**	**1,033.2319**	**0.0198**	**0.0189**	**1,039.3719**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053
Unmitigated	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9019	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662		54.0089	54.0089	0.0519		55.3053
Total	**8.3626**	**0.3450**	**29.9588**	**1.5800e-003**		**0.1662**	**0.1662**		**0.1662**	**0.1662**	**0.0000**	**54.0089**	**54.0089**	**0.0519**	**0.0000**	**55.3053**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9019	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662		54.0089	54.0089	0.0519		55.3053
Total	**8.3626**	**0.3450**	**29.9588**	**1.5800e-003**		**0.1662**	**0.1662**		**0.1662**	**0.1662**	**0.0000**	**54.0089**	**54.0089**	**0.0519**	**0.0000**	**55.3053**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	6	1000	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (750 - 9999 HP)	0.8205	3.6694	2.0922	3.9400e-003		0.1207	0.1207		0.1207	0.1207		419.7571	419.7571	0.0589		421.2283
Total	**0.8205**	**3.6694**	**2.0922**	**3.9400e-003**		**0.1207**	**0.1207**		**0.1207**	**0.1207**		**419.7571**	**419.7571**	**0.0589**		**421.2283**

11.0 Vegetation

Main Street Tower (Proposed)

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	373.00	Space	1.12	143,058.00	0
Apartments High Rise	363.00	Dwelling Unit	0.00	330,935.00	944
Regional Shopping Center	12.50	1000sqft	0.00	12,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2026
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project data per Site Plan dated 12/12/18

Construction Phase - Approximate 30-month construction timeline

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Trips and VMT - Assumes 14 cy haul truck capacity and approximately 30 miles to disposal site

Demolition - Approximately 3,780 tons of construction and demolition debris

Grading - Approximately 5,434 cy of soil for export and approximately 5,434 cy of soil for import for foundations

Vehicle Trips - Trip rates were adjusted to incorporate trip reductions (internal capture, transit/walk adjustment, and pass-by trips). Trip reductions per Traffic Impact Study dated 6/4/19

Woodstoves - No woodstoves or fireplaces proposed

Land Use Change -

Sequestration - 91 trees proposed on-site

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Mitigation - Mitigation scenario assumes LAMC and LA Green Building code compliance.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	96.00
tblConstructionPhase	NumDays	300.00	400.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	30.00	129.00

tblConstructionPhase	NumDays	20.00	22.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	308.55	0.00
tblFireplaces	NumberNoFireplace	36.30	0.00
tblFireplaces	NumberWood	18.15	0.00
tblGrading	AcresOfGrading	322.50	75.00
tblGrading	MaterialExported	0.00	5,434.00
tblGrading	MaterialImported	0.00	5,434.00
tblLandUse	LandUseSquareFeet	149,200.00	143,058.00
tblLandUse	LandUseSquareFeet	363,000.00	330,935.00
tblLandUse	LotAcreage	3.36	1.12
tblLandUse	LotAcreage	5.85	0.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	Population	1,038.00	944.00
tblOffRoadEquipment	HorsePower	221.00	367.00
tblOffRoadEquipment	HorsePower	187.00	158.00
tblOffRoadEquipment	LoadFactor	0.50	0.48
tblOffRoadEquipment	LoadFactor	0.41	0.38
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblTripsAndVMT	HaulingTripNumber	1,359.00	1,553.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	50.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	54.00	50.00
tblVehicleTrips	ST_TR	4.98	2.32
tblVehicleTrips	ST_TR	49.97	33.81
tblVehicleTrips	SU_TR	3.65	1.70
tblVehicleTrips	SU_TR	25.24	17.07
tblVehicleTrips	WD_TR	4.20	1.96
tblVehicleTrips	WD_TR	42.70	28.88
tblWoodstoves	NumberCatalytic	18.15	0.00
tblWoodstoves	NumberNoncatalytic	18.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5391	37.5988	28.7680	0.0816	6.9781	1.4467	8.4248	3.4674	1.3311	4.7986	0.0000	8,003.6436	8,003.6436	2.3114	0.0000	8,061.4290
2024	3.5485	35.4781	34.1917	0.0886	10.2332	1.3613	11.5945	4.2664	1.2525	5.5190	0.0000	8,654.7931	8,654.7931	2.3110	0.0000	8,672.2424
2025	24.3844	22.6465	33.3705	0.0873	4.0423	0.7196	4.7619	1.0813	0.6965	1.7778	0.0000	8,518.3701	8,518.3701	0.6793	0.0000	8,535.3530
2026	24.3744	7.1781	12.9687	0.0241	0.7266	0.3150	1.0415	0.1927	0.3104	0.5031	0.0000	2,316.7045	2,316.7045	0.1893	0.0000	2,321.4374
Maximum	**24.3844**	**37.5988**	**34.1917**	**0.0886**	**10.2332**	**1.4467**	**11.5945**	**4.2664**	**1.3311**	**5.5190**	**0.0000**	**8,654.7931**	**8,654.7931**	**2.3114**	**0.0000**	**8,672.2424**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.5391	37.5988	28.7680	0.0816	3.3216	1.4467	4.7683	1.6094	1.3311	2.9405	0.0000	8,003.6436	8,003.6436	2.3114	0.0000	8,061.4290
2024	3.5485	35.4781	34.1917	0.0886	6.5767	1.3613	7.9380	2.4084	1.2525	3.6609	0.0000	8,654.7931	8,654.7931	2.3110	0.0000	8,672.2424
2025	24.3844	22.6465	33.3705	0.0873	4.0423	0.7196	4.7619	1.0813	0.6965	1.7778	0.0000	8,518.3701	8,518.3701	0.6793	0.0000	8,535.3530
2026	24.3744	7.1781	12.9687	0.0241	0.7266	0.3150	1.0415	0.1927	0.3104	0.5031	0.0000	2,316.7045	2,316.7045	0.1893	0.0000	2,321.4374
Maximum	**24.3844**	**37.5988**	**34.1917**	**0.0886**	**6.5767**	**1.4467**	**7.9380**	**2.4084**	**1.3311**	**3.6609**	**0.0000**	**8,654.7931**	**8,654.7931**	**2.3114**	**0.0000**	**8,672.2424**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**33.27**	**0.00**	**28.32**	**41.25**	**0.00**	**29.50**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053
Energy	0.0995	0.8503	0.3641	5.4300e-003		0.0687	0.0687		0.0687	0.0687		1,085.0118	1,085.0118	0.0208	0.0199	1,091.4595
Mobile	1.6721	7.8238	21.3422	0.0920	8.4529	0.0629	8.5158	2.2611	0.0584	2.3195		9,398.9507	9,398.9507	0.3880		9,408.6515
Stationary	0.8205	3.6694	2.0922	3.9400e-003		0.1207	0.1207		0.1207	0.1207		419.7571	419.7571	0.0589		421.2283
Total	**10.9547**	**12.6884**	**53.7573**	**0.1030**	**8.4529**	**0.4185**	**8.8714**	**2.2611**	**0.4140**	**2.6751**	**0.0000**	**10,957.7285**	**10,957.7285**	**0.5195**	**0.0199**	**10,976.6446**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053
Energy	0.0947	0.8097	0.3467	5.1700e-003		0.0654	0.0654		0.0654	0.0654		1,033.2319	1,033.2319	0.0198	0.0189	1,039.3719
Mobile	1.6721	7.8238	21.3422	0.0920	8.4529	0.0629	8.5158	2.2611	0.0584	2.3195		9,398.9507	9,398.9507	0.3880		9,408.6515
Stationary	0.8205	3.6694	2.0922	3.9400e-003		0.1207	0.1207		0.1207	0.1207		419.7571	419.7571	0.0589		421.2283
Total	**10.9500**	**12.6478**	**53.7399**	**0.1027**	**8.4529**	**0.4152**	**8.8681**	**2.2611**	**0.4107**	**2.6718**	**0.0000**	**10,905.9486**	**10,905.9486**	**0.5185**	**0.0189**	**10,924.5570**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.04**	**0.32**	**0.03**	**0.25**	**0.00**	**0.78**	**0.04**	**0.00**	**0.79**	**0.12**	**0.00**	**0.47**	**0.47**	**0.19**	**4.78**	**0.47**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/12/2023	7/11/2023	5	22	
2	Grading	Grading	7/12/2023	1/8/2024	5	129	
3	Building Construction	Building Construction	1/9/2024	7/21/2025	5	400	
4	Paving	Paving	7/22/2025	8/20/2025	5	22	
5	Architectural Coating	Architectural Coating	8/21/2025	1/1/2026	5	96	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 1.12

Residential Indoor: 670,143; Residential Outdoor: 223,381; Non-Residential Indoor: 18,750; Non-Residential Outdoor: 6,250; Striped Parking Area: 8,583 (Architectural Coating – sqft)

OffRoad Equipment

Main Street Tower (Proposed) - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	367	0.48
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1		9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Architectural Coating	Aerial Lifts	1	8.00	63	0.31
Architectural Coating	Air Compressors	5	6.00	78	0.48
Architectural Coating	Forklifts	1	8.00	89	0.20

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	10.00	0.00	374.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	0.00	1,553.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	325.00	64.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	65.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6767	0.0000	3.6767	0.5567	0.0000	0.5567			0.0000			0.0000
Off-Road	2.1486	19.6499	22.4217	0.0386		0.9593	0.9593		0.8928	0.8928		3,728.2158	3,728.2158	1.0433		3,754.2983
Total	**2.1486**	**19.6499**	**22.4217**	**0.0386**	**3.6767**	**0.9593**	**4.6360**	**0.5567**	**0.8928**	**1.4495**		**3,728.2158**	**3,728.2158**	**1.0433**		**3,754.2983**

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0775	2.5708	0.8200	0.0123	0.2971	4.7700e-003	0.3018	0.0814	4.5600e-003	0.0860		1,338.3039	1,338.3039	0.0850		1,340.4294
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0224	0.3217	1.0300e-003	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		102.7930	102.7930	2.4300e-003		102.8537
Total	**0.1147**	**2.5932**	**1.1417**	**0.0134**	**0.4088**	**5.5500e-003**	**0.4144**	**0.1111**	**5.2800e-003**	**0.1163**		**1,441.0969**	**1,441.0969**	**0.0875**		**1,443.2831**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6545	0.0000	1.6545	0.2505	0.0000	0.2505			0.0000			0.0000
Off-Road	2.1486	19.6499	22.4217	0.0386		0.9593	0.9593		0.8928	0.8928	0.0000	3,728.2158	3,728.2158	1.0433		3,754.2983
Total	**2.1486**	**19.6499**	**22.4217**	**0.0386**	**1.6545**	**0.9593**	**2.6138**	**0.2505**	**0.8928**	**1.1433**	**0.0000**	**3,728.2158**	**3,728.2158**	**1.0433**		**3,754.2983**

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0775	2.5708	0.8200	0.0123	0.2971	4.7700e-003	0.3018	0.0814	4.5600e-003	0.0860		1,338.3039	1,338.3039	0.0850		1,340.4294
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0224	0.3217	1.0300e-003	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		102.7930	102.7930	2.4300e-003		102.8537
Total	**0.1147**	**2.5932**	**1.1417**	**0.0134**	**0.4088**	**5.5500e-003**	**0.4144**	**0.1111**	**5.2800e-003**	**0.1163**		**1,441.0969**	**1,441.0969**	**0.0875**		**1,443.2831**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6482	0.0000	6.6482	3.3783	0.0000	3.3783			0.0000			0.0000
Off-Road	3.4470	35.7559	27.8656	0.0718		1.4426	1.4426		1.3272	1.3272		6,953.1142	6,953.1142	2.2488		7,009.3336
Total	**3.4470**	**35.7559**	**27.8656**	**0.0718**	**6.6482**	**1.4426**	**8.0908**	**3.3783**	**1.3272**	**4.7054**		**6,953.1142**	**6,953.1142**	**2.2488**		**7,009.3336**

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0549	1.8206	0.5807	8.7300e-003	0.2181	3.3800e-003	0.2215	0.0596	3.2300e-003	0.0628		947.7364	947.7364	0.0602		949.2416
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0224	0.3217	1.0300e-003	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		102.7930	102.7930	2.4300e-003		102.8537
Total	**0.0921**	**1.8429**	**0.9024**	**9.7600e-003**	**0.3299**	**4.1600e-003**	**0.3341**	**0.0892**	**3.9500e-003**	**0.0931**		**1,050.5294**	**1,050.5294**	**0.0626**		**1,052.0953**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9917	0.0000	2.9917	1.5202	0.0000	1.5202			0.0000			0.0000
Off-Road	3.4470	35.7559	27.8656	0.0718		1.4426	1.4426		1.3272	1.3272	0.0000	6,953.1142	6,953.1142	2.2488		7,009.3336
Total	**3.4470**	**35.7559**	**27.8656**	**0.0718**	**2.9917**	**1.4426**	**4.4343**	**1.5202**	**1.3272**	**2.8474**	**0.0000**	**6,953.1142**	**6,953.1142**	**2.2488**		**7,009.3336**

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0549	1.8206	0.5807	8.7300e-003	0.2181	3.3800e-003	0.2215	0.0596	3.2300e-003	0.0628		947.7364	947.7364	0.0602		949.2416
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0224	0.3217	1.0300e-003	0.1118	7.8000e-004	0.1126	0.0296	7.2000e-004	0.0304		102.7930	102.7930	2.4300e-003		102.8537
Total	**0.0921**	**1.8429**	**0.9024**	**9.7600e-003**	**0.3299**	**4.1600e-003**	**0.3341**	**0.0892**	**3.9500e-003**	**0.0931**		**1,050.5294**	**1,050.5294**	**0.0626**		**1,052.0953**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6482	0.0000	6.6482	3.3783	0.0000	3.3783			0.0000			0.0000
Off-Road	3.3568	33.6477	27.5469	0.0718		1.3572	1.3572		1.2486	1.2486		6,952.5891	6,952.5891	2.2486		7,008.8043
Total	**3.3568**	**33.6477**	**27.5469**	**0.0718**	**6.6482**	**1.3572**	**8.0054**	**3.3783**	**1.2486**	**4.6269**		**6,952.5891**	**6,952.5891**	**2.2486**		**7,008.8043**

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0553	1.8100	0.5900	8.6900e-003	3.4733	3.3500e-003	3.4766	0.8585	3.2100e-003	0.8618		944.2620	944.2620	0.0601		945.7655
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0352	0.0204	0.3005	1.0000e-003	0.1118	7.7000e-004	0.1125	0.0296	7.1000e-004	0.0304		99.4209	99.4209	2.2300e-003		99.4765
Total	**0.0906**	**1.8303**	**0.8905**	**9.6900e-003**	**3.5850**	**4.1200e-003**	**3.5892**	**0.8882**	**3.9200e-003**	**0.8921**		**1,043.6829**	**1,043.6829**	**0.0624**		**1,045.2420**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9917	0.0000	2.9917	1.5202	0.0000	1.5202			0.0000			0.0000
Off-Road	3.3568	33.6477	27.5469	0.0718		1.3572	1.3572		1.2486	1.2486	0.0000	6,952.5891	6,952.5891	2.2486		7,008.8043
Total	**3.3568**	**33.6477**	**27.5469**	**0.0718**	**2.9917**	**1.3572**	**4.3489**	**1.5202**	**1.2486**	**2.7688**	**0.0000**	**6,952.5891**	**6,952.5891**	**2.2486**		**7,008.8043**

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0553	1.8100	0.5900	8.6900e-003	3.4733	3.3500e-003	3.4766	0.8585	3.2100e-003	0.8618		944.2620	944.2620	0.0601		945.7655
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0352	0.0204	0.3005	1.0000e-003	0.1118	7.7000e-004	0.1125	0.0296	7.1000e-004	0.0304		99.4209	99.4209	2.2300e-003		99.4765
Total	**0.0906**	**1.8303**	**0.8905**	**9.6900e-003**	**3.5850**	**4.1200e-003**	**3.5892**	**0.8882**	**3.9200e-003**	**0.8921**		**1,043.6829**	**1,043.6829**	**0.0624**		**1,045.2420**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2815	18.8049	23.2274	0.0406		0.7924	0.7924		0.7686	0.7686		3,753.7370	3,753.7370	0.5385		3,767.1993
Total	**2.2815**	**18.8049**	**23.2274**	**0.0406**		**0.7924**	**0.7924**		**0.7686**	**0.7686**		**3,753.7370**	**3,753.7370**	**0.5385**		**3,767.1993**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1220	4.3695	1.1979	0.0156	0.4096	4.8700e-003	0.4145	0.1179	4.6600e-003	0.1226		1,669.8770	1,669.8770	0.0872		1,672.0561
Worker	1.1451	0.6627	9.7664	0.0324	3.6327	0.0250	3.6577	0.9634	0.0230	0.9864		3,231.1791	3,231.1791	0.0723		3,232.9870
Total	**1.2671**	**5.0323**	**10.9643**	**0.0480**	**4.0423**	**0.0298**	**4.0722**	**1.0813**	**0.0276**	**1.1090**		**4,901.0560**	**4,901.0560**	**0.1595**		**4,905.0431**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2815	18.8049	23.2274	0.0406		0.7924	0.7924		0.7686	0.7686	0.0000	3,753.7370	3,753.7370	0.5385		3,767.1993
Total	**2.2815**	**18.8049**	**23.2274**	**0.0406**		**0.7924**	**0.7924**		**0.7686**	**0.7686**	**0.0000**	**3,753.7370**	**3,753.7370**	**0.5385**		**3,767.1993**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1220	4.3695	1.1979	0.0156	0.4096	4.8700e-003	0.4145	0.1179	4.6600e-003	0.1226		1,669.8770	1,669.8770	0.0872		1,672.0561
Worker	1.1451	0.6627	9.7664	0.0324	3.6327	0.0250	3.6577	0.9634	0.0230	0.9864		3,231.1791	3,231.1791	0.0723		3,232.9870
Total	**1.2671**	**5.0323**	**10.9643**	**0.0480**	**4.0423**	**0.0298**	**4.0722**	**1.0813**	**0.0276**	**1.1090**		**4,901.0560**	**4,901.0560**	**0.1595**		**4,905.0431**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1342	17.7090	23.1266	0.0406		0.6903	0.6903		0.6694	0.6694		3,754.0066	3,754.0066	0.5276		3,767.1970
Total	**2.1342**	**17.7090**	**23.1266**	**0.0406**		**0.6903**	**0.6903**		**0.6694**	**0.6694**		**3,754.0066**	**3,754.0066**	**0.5276**		**3,767.1970**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1189	4.3314	1.1663	0.0155	0.4096	4.8000e-003	0.4144	0.1179	4.5900e-003	0.1225		1,660.3849	1,660.3849	0.0858		1,662.5293
Worker	1.0876	0.6061	9.0777	0.0311	3.6327	0.0245	3.6572	0.9634	0.0225	0.9860		3,103.9787	3,103.9787	0.0659		3,105.6267
Total	**1.2065**	**4.9375**	**10.2440**	**0.0466**	**4.0423**	**0.0293**	**4.0716**	**1.0813**	**0.0271**	**1.1085**		**4,764.3636**	**4,764.3636**	**0.1517**		**4,768.1560**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1342	17.7090	23.1266	0.0406		0.6903	0.6903		0.6694	0.6694	0.0000	3,754.0065	3,754.0065	0.5276		3,767.1970
Total	**2.1342**	**17.7090**	**23.1266**	**0.0406**		**0.6903**	**0.6903**		**0.6694**	**0.6694**	**0.0000**	**3,754.0065**	**3,754.0065**	**0.5276**		**3,767.1970**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1189	4.3314	1.1663	0.0155	0.4096	4.8000e-003	0.4144	0.1179	4.5900e-003	0.1225		1,660.3849	1,660.3849	0.0858		1,662.5293
Worker	1.0876	0.6061	9.0777	0.0311	3.6327	0.0245	3.6572	0.9634	0.0225	0.9860		3,103.9787	3,103.9787	0.0659		3,105.6267
Total	**1.2065**	**4.9375**	**10.2440**	**0.0466**	**4.0423**	**0.0293**	**4.0716**	**1.0813**	**0.0271**	**1.1085**		**4,764.3636**	**4,764.3636**	**0.1517**		**4,768.1560**

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4576	4.2908	7.2890	0.0114		0.2093	0.2093		0.1925	0.1925		1,103.3726	1,103.3726	0.3569		1,112.2939
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4576**	**4.2908**	**7.2890**	**0.0114**		**0.2093**	**0.2093**		**0.1925**	**0.1925**		**1,103.3726**	**1,103.3726**	**0.3569**		**1,112.2939**

3.5 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0335	0.0187	0.2793	9.6000e-004	0.1118	7.5000e-004	0.1125	0.0296	6.9000e-004	0.0303		95.5070	95.5070	2.0300e-003		95.5578
Total	**0.0335**	**0.0187**	**0.2793**	**9.6000e-004**	**0.1118**	**7.5000e-004**	**0.1125**	**0.0296**	**6.9000e-004**	**0.0303**		**95.5070**	**95.5070**	**2.0300e-003**		**95.5578**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4576	4.2908	7.2890	0.0114		0.2093	0.2093		0.1925	0.1925	0.0000	1,103.3726	1,103.3726	0.3569		1,112.2939
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4576**	**4.2908**	**7.2890**	**0.0114**		**0.2093**	**0.2093**		**0.1925**	**0.1925**	**0.0000**	**1,103.3726**	**1,103.3726**	**0.3569**		**1,112.2939**

3.5 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0335	0.0187	0.2793	9.6000e-004	0.1118	7.5000e-004	0.1125	0.0296	6.9000e-004	0.0303		95.5070	95.5070	2.0300e-003		95.5578
Total	**0.0335**	**0.0187**	**0.2793**	**9.6000e-004**	**0.1118**	**7.5000e-004**	**0.1125**	**0.0296**	**6.9000e-004**	**0.0303**		**95.5070**	**95.5070**	**2.0300e-003**		**95.5578**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060		1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**		**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2175	0.1212	1.8155	6.2300e-003	0.7266	4.9000e-003	0.7314	0.1927	4.5100e-003	0.1972		620.7957	620.7957	0.0132		621.1253
Total	**0.2175**	**0.1212**	**1.8155**	**6.2300e-003**	**0.7266**	**4.9000e-003**	**0.7314**	**0.1927**	**4.5100e-003**	**0.1972**		**620.7957**	**620.7957**	**0.0132**		**621.1253**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060	0.0000	1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**	**0.0000**	**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2175	0.1212	1.8155	6.2300e-003	0.7266	4.9000e-003	0.7314	0.1927	4.5100e-003	0.1972		620.7957	620.7957	0.0132		621.1253
Total	**0.2175**	**0.1212**	**1.8155**	**6.2300e-003**	**0.7266**	**4.9000e-003**	**0.7314**	**0.1927**	**4.5100e-003**	**0.1972**		**620.7957**	**620.7957**	**0.0132**		**621.1253**

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060		1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**		**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2076	0.1116	1.6982	6.0000e-003	0.7266	4.7400e-003	0.7313	0.1927	4.3600e-003	0.1970		598.8136	598.8136	0.0121		599.1157
Total	**0.2076**	**0.1116**	**1.6982**	**6.0000e-003**	**0.7266**	**4.7400e-003**	**0.7313**	**0.1927**	**4.3600e-003**	**0.1970**		**598.8136**	**598.8136**	**0.0121**		**599.1157**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.1917					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9752	7.0665	11.2705	0.0181		0.3103	0.3103		0.3060	0.3060	0.0000	1,717.8909	1,717.8909	0.1772		1,722.3218
Total	**24.1669**	**7.0665**	**11.2705**	**0.0181**		**0.3103**	**0.3103**		**0.3060**	**0.3060**	**0.0000**	**1,717.8909**	**1,717.8909**	**0.1772**		**1,722.3218**

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2076	0.1116	1.6982	6.0000e-003	0.7266	4.7400e-003	0.7313	0.1927	4.3600e-003	0.1970		598.8136	598.8136	0.0121		599.1157
Total	**0.2076**	**0.1116**	**1.6982**	**6.0000e-003**	**0.7266**	**4.7400e-003**	**0.7313**	**0.1927**	**4.3600e-003**	**0.1970**		**598.8136**	**598.8136**	**0.0121**		**599.1157**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6721	7.8238	21.3422	0.0920	8.4529	0.0629	8.5158	2.2611	0.0584	2.3195		9,398.9507	9,398.9507	0.3880		9,408.6515
Unmitigated	1.6721	7.8238	21.3422	0.0920	8.4529	0.0629	8.5158	2.2611	0.0584	2.3195		9,398.9507	9,398.9507	0.3880		9,408.6515

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	711.48	842.16	617.10	2,758,505	2,758,505
Enclosed Parking with Elevator	0.00	0.00	0.00		
Regional Shopping Center	361.00	422.63	213.38	606,202	606,202
Total	1,072.48	1,264.79	830.48	3,364,707	3,364,707

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	50	0	50

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Enclosed Parking with Elevator	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Regional Shopping Center	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0947	0.8097	0.3467	5.1700e-003		0.0654	0.0654		0.0654	0.0654		1,033.2319	1,033.2319	0.0198	0.0189	1,039.3719
NaturalGas Unmitigated	0.0995	0.8503	0.3641	5.4300e-003		0.0687	0.0687		0.0687	0.0687		1,085.0118	1,085.0118	0.0208	0.0199	1,091.4595

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	9166.44	0.0989	0.8448	0.3595	5.3900e-003		0.0683	0.0683		0.0683	0.0683		1,078.4043	1,078.4043	0.0207	0.0198	1,084.8127
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	56.1644	6.1000e-004	5.5100e-003	4.6300e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.6076	6.6076	1.3000e-004	1.2000e-004	6.6468
Total		**0.0995**	**0.8503**	**0.3641**	**5.4200e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**1,085.0118**	**1,085.0118**	**0.0208**	**0.0199**	**1,091.4595**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	8.73025	0.0942	0.8046	0.3424	5.1400e-003		0.0651	0.0651		0.0651	0.0651		1,027.0877	1,027.0877	0.0197	0.0188	1,033.1912
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.052226	5.6000e-004	5.1200e-003	4.3000e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004		6.1442	6.1442	1.2000e-004	1.1000e-004	6.1808
Total		**0.0947**	**0.8097**	**0.3467**	**5.1700e-003**		**0.0654**	**0.0654**		**0.0654**	**0.0654**		**1,033.2319**	**1,033.2319**	**0.0198**	**0.0189**	**1,039.3719**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053
Unmitigated	8.3626	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662	0.0000	54.0089	54.0089	0.0519	0.0000	55.3053

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9019	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662		54.0089	54.0089	0.0519		55.3053
Total	**8.3626**	**0.3450**	**29.9588**	**1.5800e-003**		**0.1662**	**0.1662**		**0.1662**	**0.1662**	**0.0000**	**54.0089**	**54.0089**	**0.0519**	**0.0000**	**55.3053**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8507					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9019	0.3450	29.9588	1.5800e-003		0.1662	0.1662		0.1662	0.1662		54.0089	54.0089	0.0519		55.3053
Total	**8.3626**	**0.3450**	**29.9588**	**1.5800e-003**		**0.1662**	**0.1662**		**0.1662**	**0.1662**	**0.0000**	**54.0089**	**54.0089**	**0.0519**	**0.0000**	**55.3053**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	6	1000	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (750 - 9999 HP)	0.8205	3.6694	2.0922	3.9400e-003		0.1207	0.1207		0.1207	0.1207		419.7571	419.7571	0.0589		421.2283
Total	**0.8205**	**3.6694**	**2.0922**	**3.9400e-003**		**0.1207**	**0.1207**		**0.1207**	**0.1207**		**419.7571**	**419.7571**	**0.0589**		**421.2283**

11.0 Vegetation

APPENDIX B:

TREE REPORT

The Tree Resource,
Tree Report, 1123-1161 S. Main Street,
October 18, 2018.

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TREE REPORT

PREPARED FOR

JADE Enterprises, LLC

PROPERTY

1123-1161 S. Main Street

Los Angeles, CA 90015

CONTACT

Daniel Taban, JADE Enterprises, LLC

213-745-5191

daniel@jadeent.com

October 18, 2018

PREPARED BY

LISA SMITH, **THE TREE RESOURCE**

REGISTERED CONSULTING ARBORIST #464

ISA BOARD CERTIFIED MASTER ARBORIST #WE3782

ISA TREE RISK ASSESSOR QUALIFIED

MEMBER OF AMERICAN SOCIETY OF CONSULTING ARBORISTS

P.O. BOX 49314, LOS ANGELES, CA 90049

T 310-663-2290 **E** lisa@thetreeresource.com

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Tree Maintenance and Pruning	**x**
Diseases and Insects	**x**
Grade Changes	**x**
Inspection	**x**
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TREE REPORT

1123-1161 S. Main St.,
Los Angeles, CA 90015

SUMMARY

PROJECT OVERVIEW	
Site Address	**1123-1161 S. Main St., Los Angeles, CA 90015**
Location and/or Specific Plan	**Downtown**
Project Description	**Mixed use building**

This Tree Report was prepared at the request of the property owner, Jade Enterprises, LLC, who is preparing to build a mixed use building on this property. The subject property is located in the Downtown area of Los Angeles.

PROTECTED TREES, URBAN FORESTRY DIVISION

This property is under the jurisdiction of the City of Los Angeles and guided by the Native Tree Protection Ordinance No. 177,404. **Protected Trees** are defined by this ordinance as oaks (*Quercus* sp) indigenous to California but excluding the scrub oak (*Quercus dumosa*); Southern California black walnut (*Juglans californica* var. californica); Western sycamore *(Platanus racemosa)* and California bay laurel (*Umbellularia californica*) trees with a diameter at breast height (DBH) of four inches (4") or greater.

At this time, I observed NO trees considered protected within the City of Los Angeles Native Protected Tree Ordinance on this property.

NEIGHBOR TREES

I have also inspected the neighboring properties to confirm there are no protected tree species that are adjacent to the construction zone, or in areas of impact.

CITY OF LOS ANGELES STREET TREES, URBAN FORESTRY DIVISION

The proposed project includes sidewalk improvements that will significantly impact nine (9) **City of Los Angeles Street Trees.** These trees are recommended for removal and replacement to the satisfaction of the Urban Forestry Division.

ASSIGNMENT

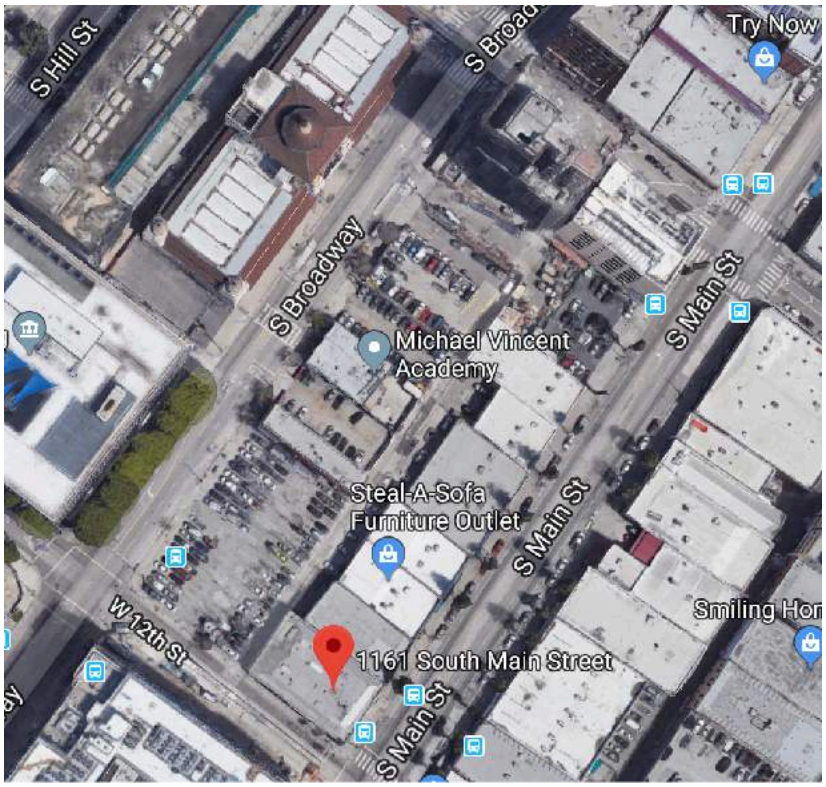
The Assignment included a field observation and inventory of the trees on site; an evaluation of potential construction impacts; and recommendations for the protection of trees to remain. A Tree Location Plot Map is included in Appendix A. Photographs of the subject trees are included in Appendix B.

LIMITS OF THE ASSIGNMENT

The field inspection was a visual, grade level tree assessment. No special tools or equipment were used. No tree risk assessments were performed. My site examination and the information in this report is limited to the date and time the inspection occurred. The information in this report is limited to the condition of the trees at the time of my inspection.

TREE CHARACTERISTICS AND SITE CONDITIONS

Detailed information with respect to size, condition, species and recommendations are included in the Summary of Field Inspections in Appendix C. The trees are numbered on the Tree Location Map in Appendix A.

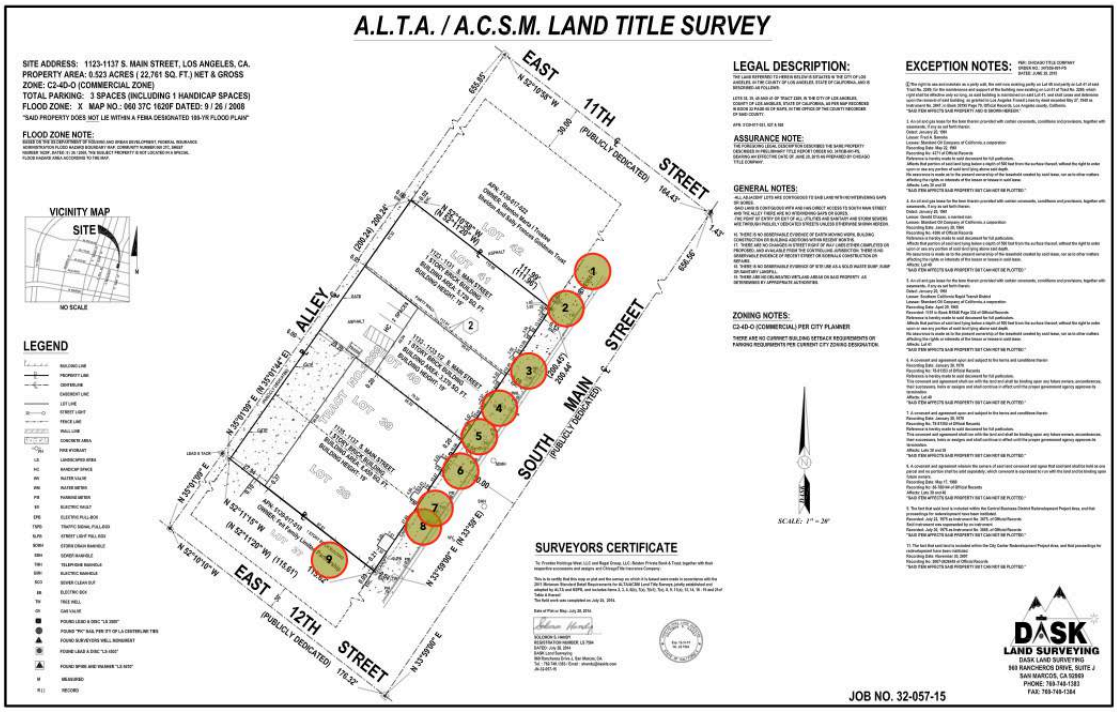


IMPACT ANALYSIS AND SPECIFIC RECOMMENDATIONS

The proposed construction for this project will require the installation of new driveways, sidewalk repair, and extensive soil work to the site. Nine (9) Los Angeles street trees will be impacted by the proposed construction and are recommend for removal and replacement at a two-to-one (2:1) ratio, to the satisfaction of the Urban Forestry Division. Canary Pine tree #5 is a stump and is not required to be replaced. A total of sixteen (16) trees will be planted as replacements.

APPENDIX A - TREE LOCATION MAP on survey, REDUCED

Appendix A: Tree Locations on Project Survey



PROJECT SUMMARY	
Site Address	**1123-1161 S. Main St**
Location	**Downtown**
Project Description	**Mixed Use Building**

KEY

Street Tree

Tree recommended for removal

SUMMARY OF REPLACEMENT

STREET TREES REPLACED 2:1

APPENDIX A - TREE LOCATION MAP on site plan, REDUCED

Appendix A: Tree Locations on Project Site Plan



PROJECT SUMMARY	
Site Address	1123-1161 S. Main St
Location	Downtown
Project Description	Mixed Use Building

KEY

Street Tree

Tree recommended for removal

SUMMARY OF REPLACEMENT

STREET TREES REPLACED 2:1

Table 1. Summary of Data

Total Street Trees	9
Total DEAD trees	1
Total Street Trees to be removed	9
Total Trees to be Replaced	8
Total number of Replacement Trees	16

APPENDIX A - replacement TREE LOCATION MAP, REDUCED

Appendix A: Replacement Tree Locations



PROJECT SUMMARY	
Site Address	**1123-1161 S. Main St**
Location	**Downtown**
Project Description	**Mixed Use Building**

KEY

Replacement Tree

SUMMARY OF REPLACEMENT

STREET TREES REPLACED 2:1

Table 1. Summary of Data

Total Street Trees	9
Total DEAD trees	1
Total Street Trees to be removed	9
Total Trees to be Replaced	8
Total number of Replacement Trees	16

APPENDIX B - PHOTOGRAPHS



PHOTO 1 -Hardscape around Canary Pine #2

APPENDIX B - PHOTOGRAPHS



PHOTO 2 - Canary Pine #3 - hardscape lifting around tree base. This tree is recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS

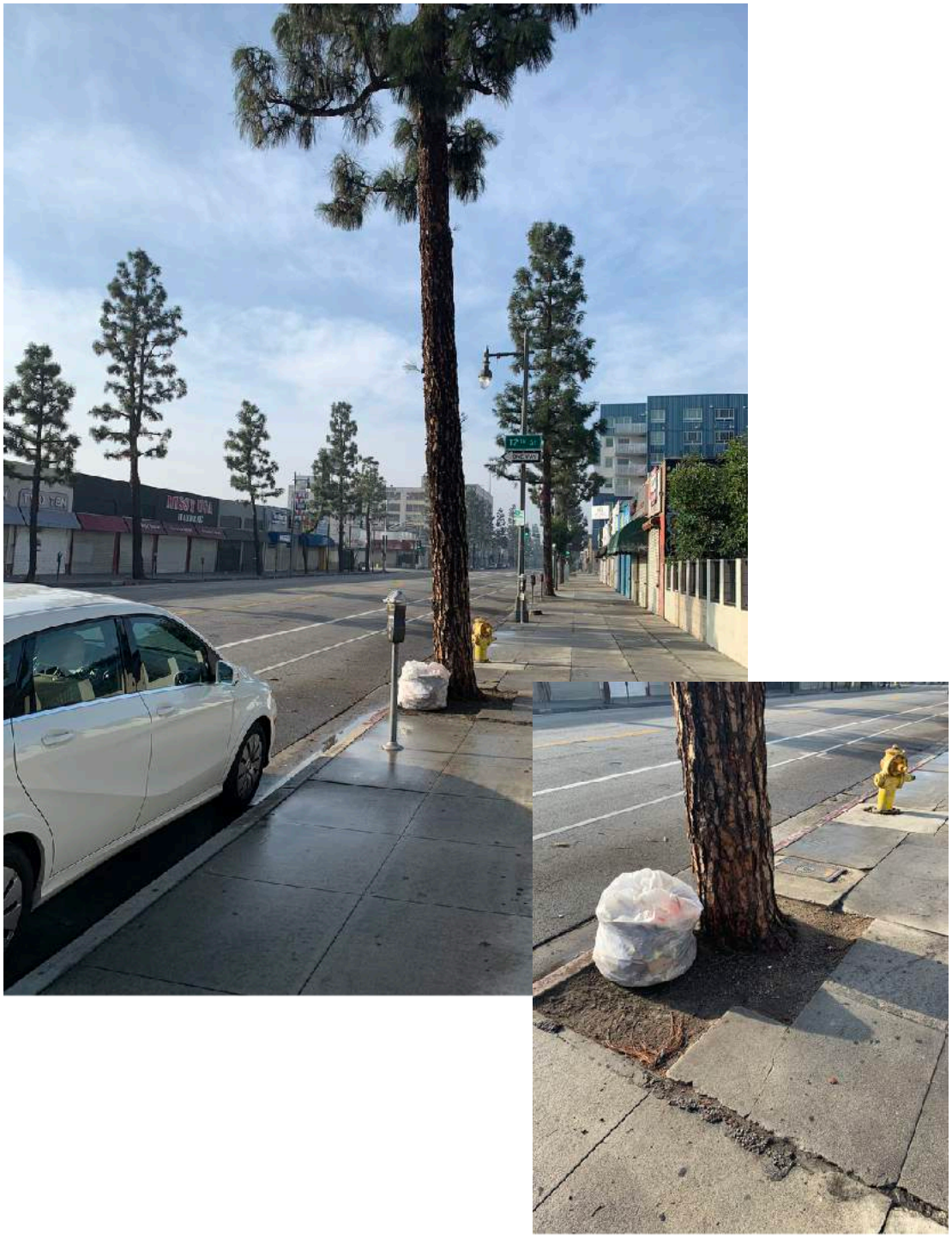


PHOTO 3 -Canary Pine #4 - Note hardscape lifting around base of tree. This tree is recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS

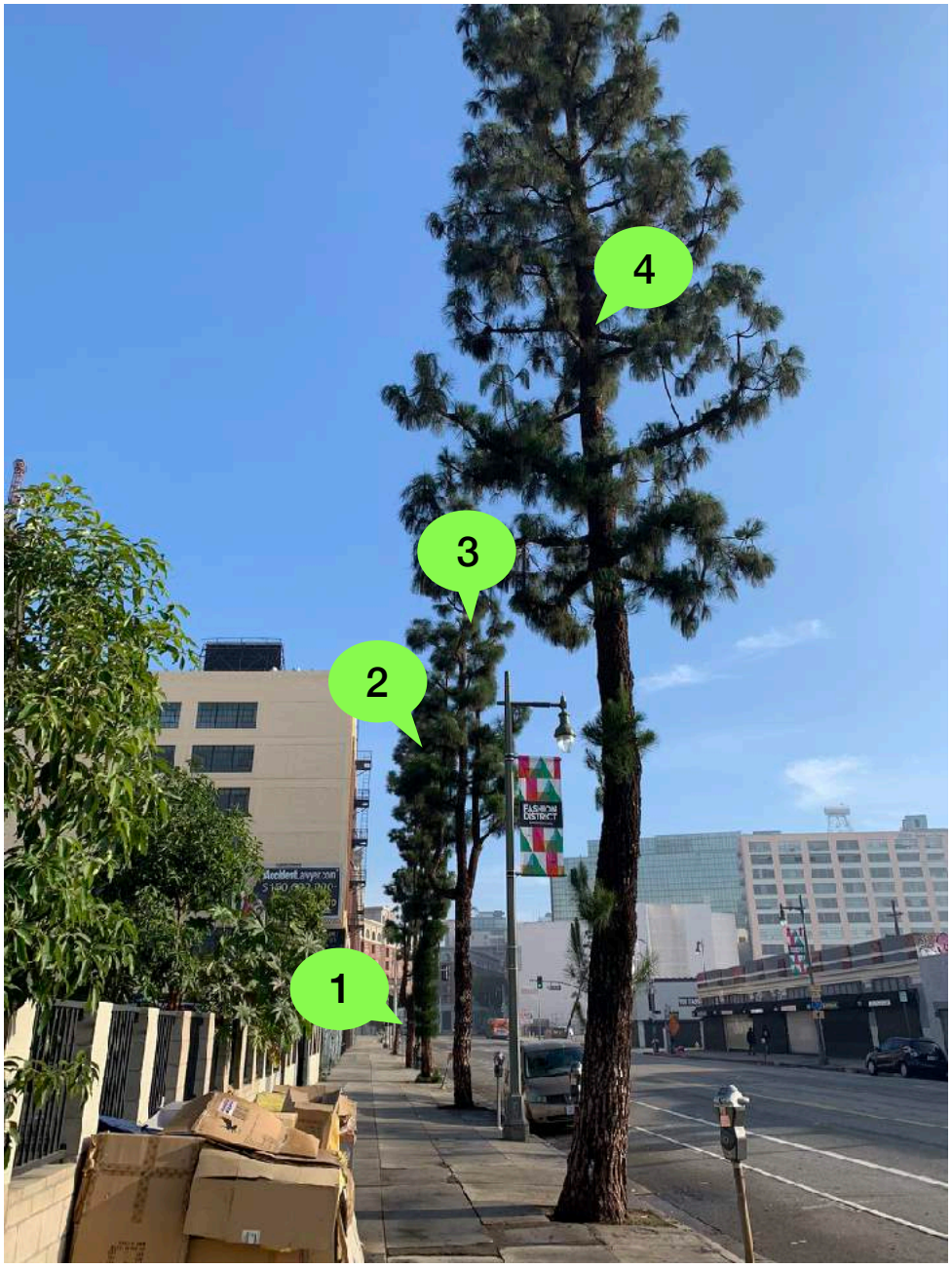


PHOTO 4 - Trees 4, 3, 2 and 1. These trees are recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS



PHOTO 5 - Stump of Tree #5 and Canary Pine #6. This tree is recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS



PHOTO 6 - Canary Pine #6. This tree is recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS





PHOTO 7 -Note hardscape around Canary Pine #6 is lifting

APPENDIX B - PHOTOGRAPHS

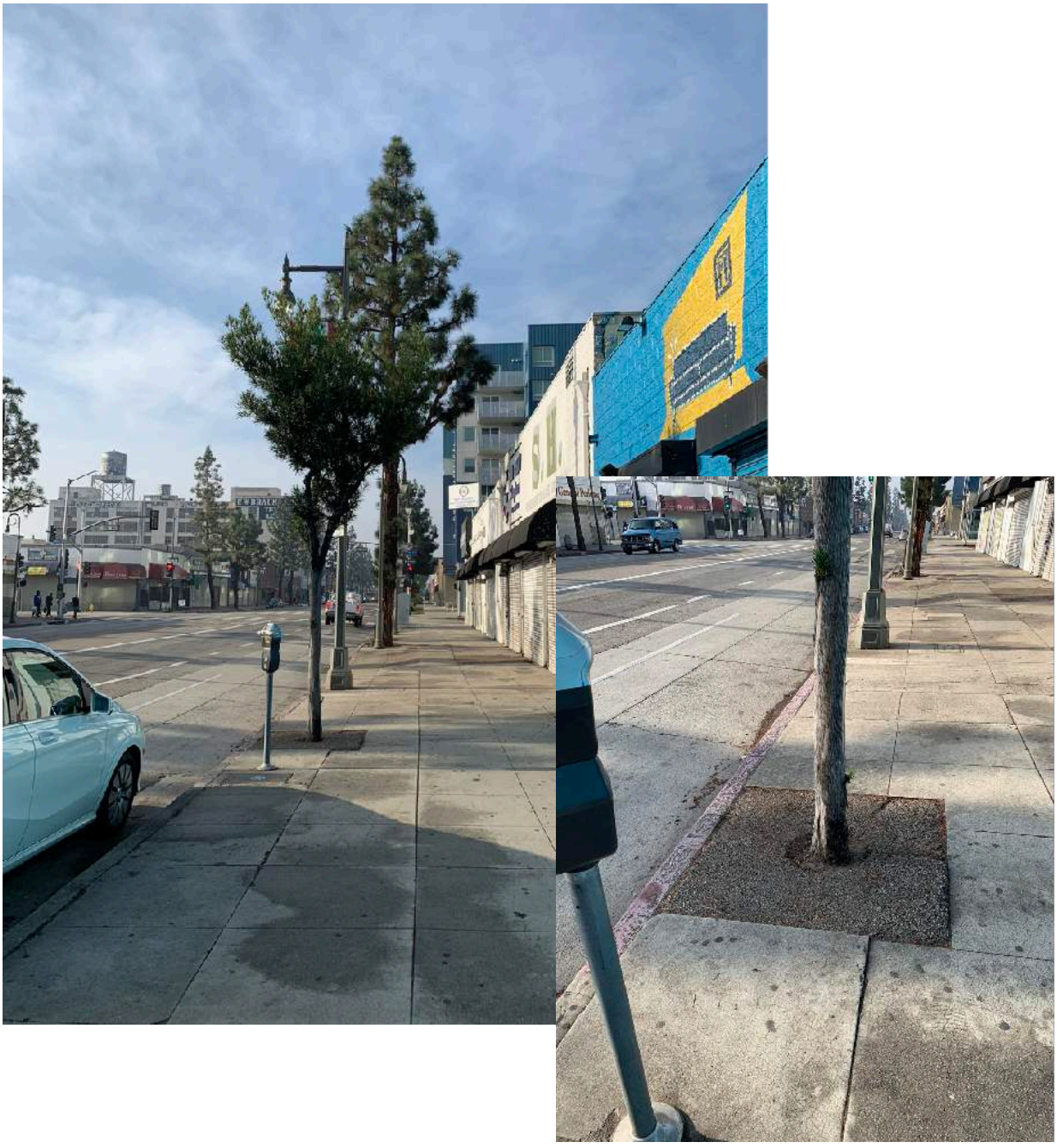


PHOTO 8 - Tree #7 - Podocarpus henkelii located in planter. This tree is recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS

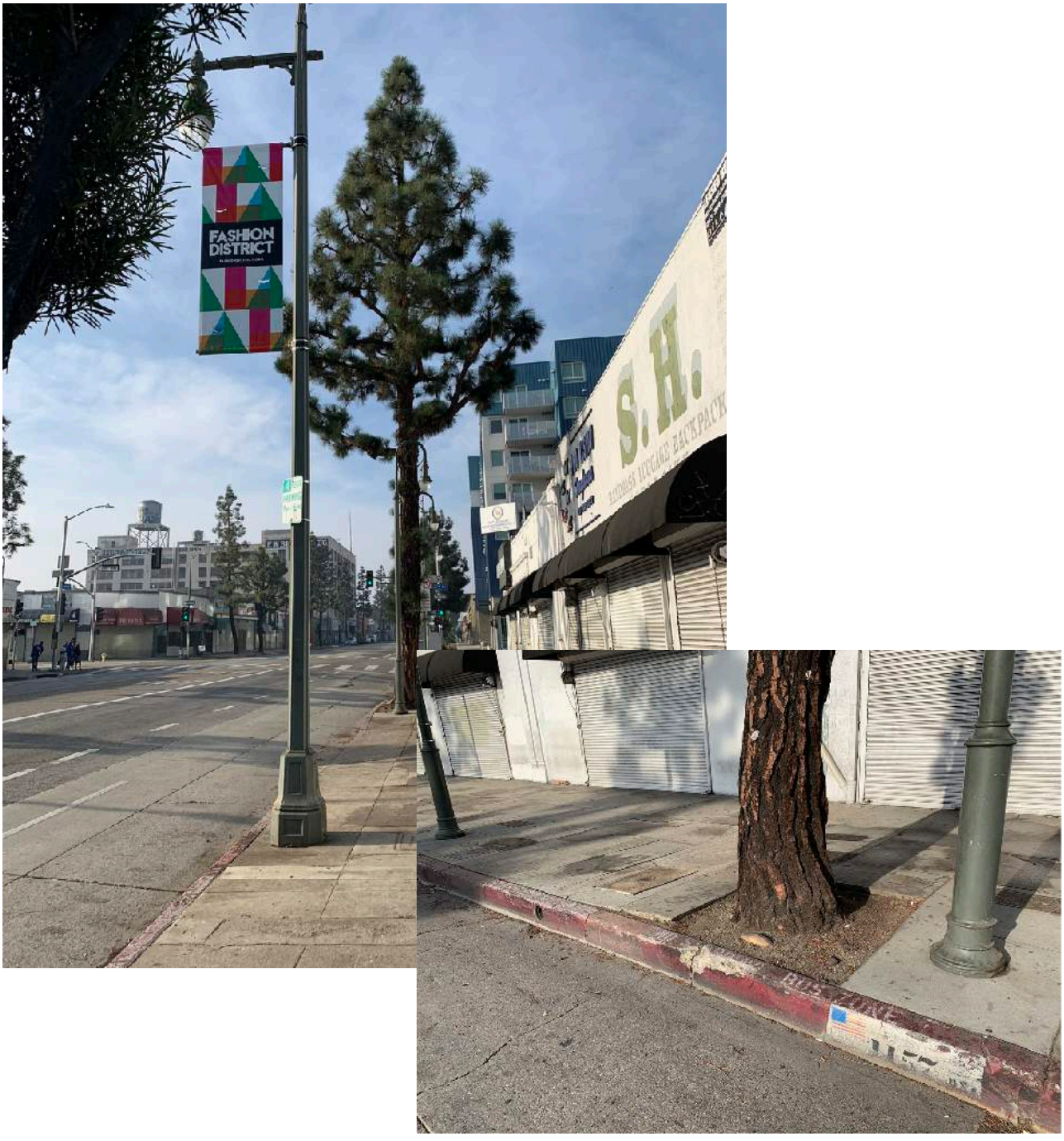


PHOTO 9 - Canary Pine - Tree # 8 - hardscape lifting around this tree. This tree is recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS

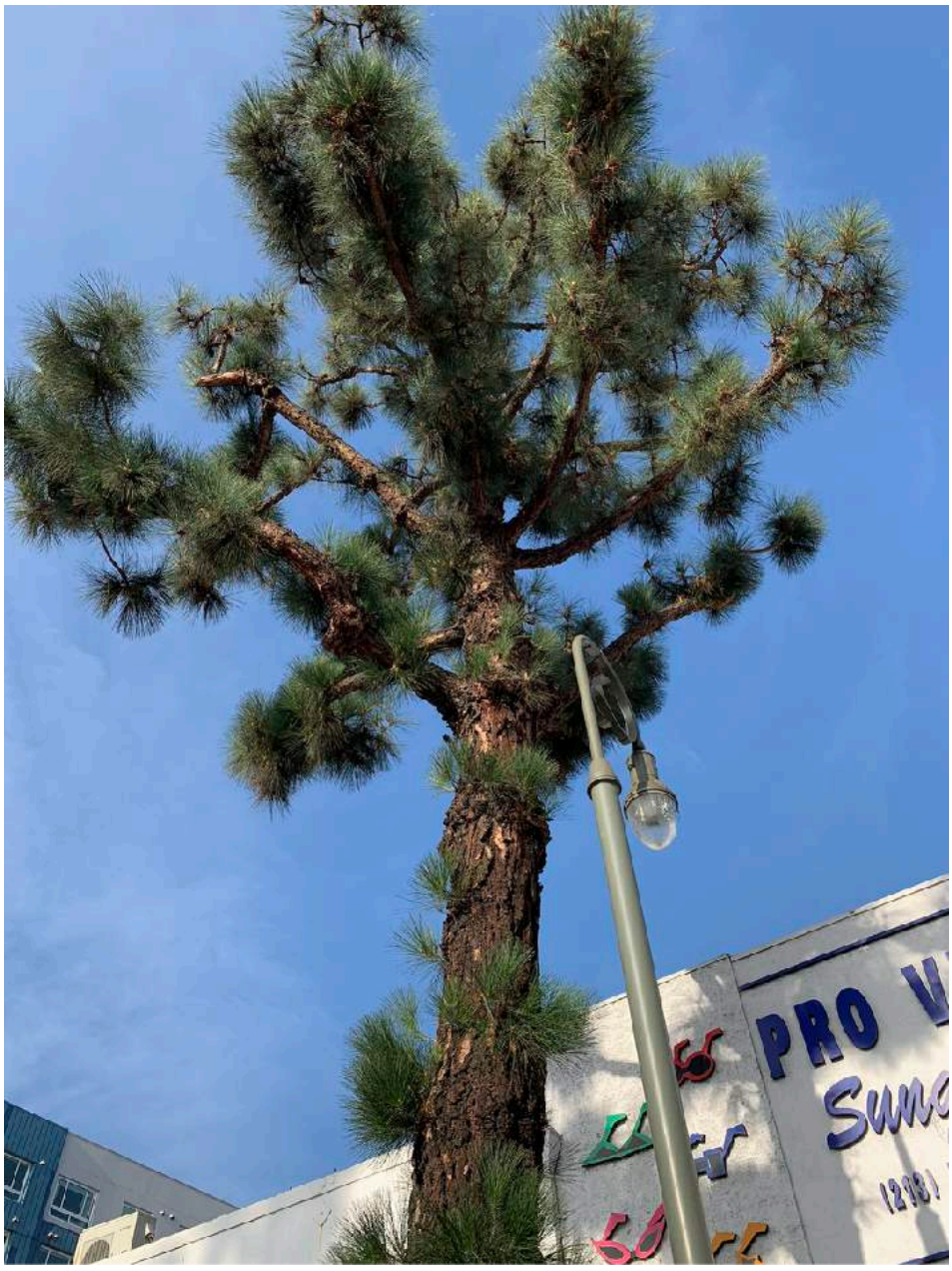


PHOTO 10 - Tree # 8 - canopy appears to have been over-thinned to accommodate the light post in close proximity. The tree is suckering back with new foliage in a profuse manner. This tree is recommend for removal and replacement.

APPENDIX B - PHOTOGRAPHS



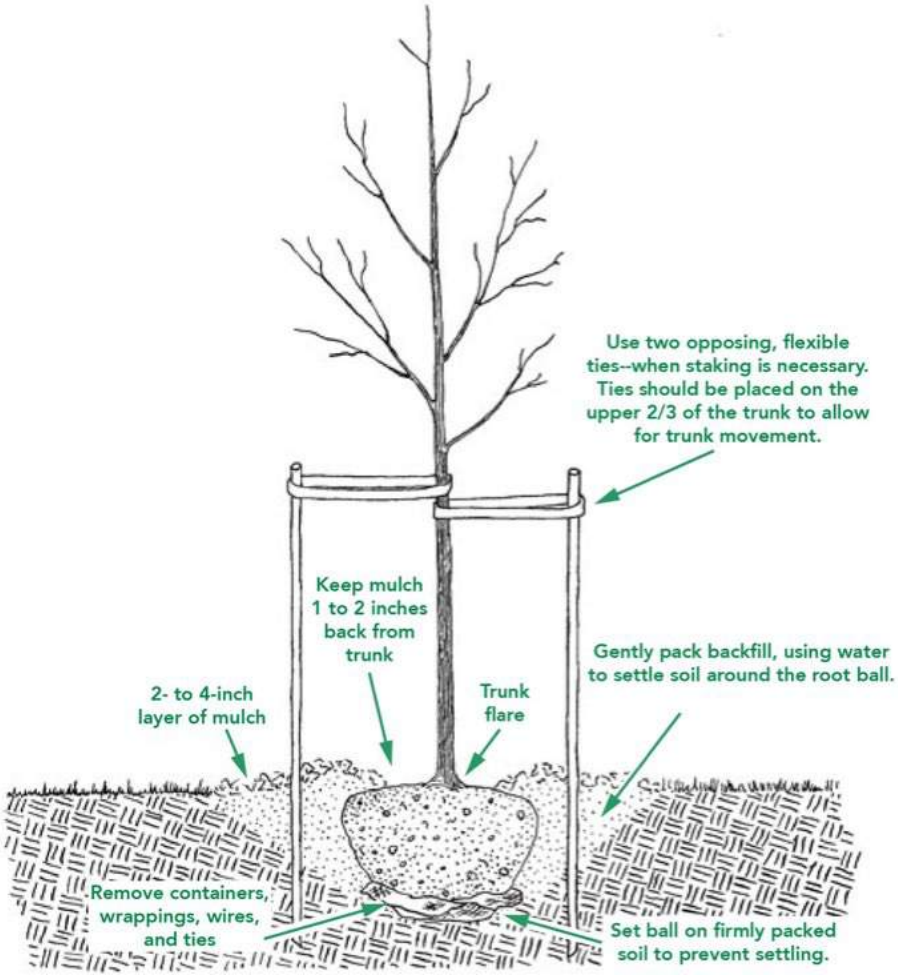
PHOTO 11 - Tree # 9 - Bottle brush tree is in poor condition in this planter. Note the hardscape lifting around this tree. This tree is recommend for removal and replacement.

APPENDIX C - SUMMARY OF FIELD INSPECTION

Rating Code: A = Excellent, B = Good, C = Fair, D = Poor, E = Nearly Dead, F = Dead

Tree #	Location	Species	Status	DBH (")	Height (')	Spread (')	Summary of Condition	Retain or Remove
1	Street	Canary Pine *Pinus canariensis*	Street	17	45+	15	C-D	Remove
2	Street	Canary Pine *Pinus canariensis*	Street	17	45+	15	C-D	Remove
3	Street	Canary Pine *Pinus canariensis*	Street	22	45+	15	C-D	Remove
4	Street	Canary Pine *Pinus canariensis*	Street	18	45+	15	C-D	Remove
5	Street	Canary Pine *Pinus canariensis*	Street	Stump	45+	15	D	Remove
6	Street	Canary Pine *Pinus canariensis*	Street	16	45+	15	C-D	Remove
7	Street	Podocarpus henkelii	Street	5, 5	45+	15	C-D	Remove
8	Street	Canary Pine *Pinus canariensis*	Street	20	45+	15	C-D	Remove
9	Street	Bottlebrush Tree Callistemon viminalis	Street	7	20	12	C-D	Remove

NEW TREE PLANTING



The ideal time to plant trees and shrubs is during the dormant season, in the fall after leaf drop or early spring before budbreak. Weather conditions are cool and allow plants to establish roots in the new location before spring rains and summer heat stimulate new top growth. Before you begin planting your tree, be sure you have had all underground utilities located prior to digging.

If the tree you are planting is balled or bare root, it is important to understand that its root system has been reduced by 90 to 95 percent of its original size during transplanting. As a result of the trauma caused by the digging process, trees commonly exhibit what is known as transplant shock. Containerized trees may also experience transplant shock, particularly if they have circling roots that must be cut. Transplant shock is indicated by slow growth and reduced vigor following transplanting. Proper site preparation before and during planting coupled with good follow-up care reduces the amount of time the plant experiences transplant shock and allows the tree to quickly establish in its new location. Carefully follow nine simple steps, and you can significantly reduce the stress placed on the plant at the time of planting.

NEW TREE PLANTING, continued

1. Dig a shallow, broad planting hole. Make the hole wide, as much as three times the diameter of the root ball but only as deep as the root ball. It is important to make the hole wide because the roots on the newly establishing tree must push through surrounding soil in order to establish. On most planting sites in new developments, the existing soils have been compacted and are unsuitable for healthy root growth. Breaking up the soil in a large area around the tree provides the newly emerging roots room to expand into loose soil to hasten establishment.

2. Identify the trunk flare. The trunk flare is where the roots spread at the base of the tree. This point should be partially visible after the tree has been planted (see diagram). If the trunk flare is not partially visible, you may have to remove some soil from the top of the root ball. Find it so you can determine how deep the hole needs for proper planting.

3. Remove tree container for containerized trees. Carefully cutting down the sides of the container may make this easier. Inspect the root ball for circling roots and cut or remove them. Expose the trunk flare, if necessary.

4. Place the tree at the proper height. Before placing the tree in the hole, check to see that the hole has been dug to the proper depth and no more. The majority of the roots on the newly planted tree will develop in the top 12 inches of soil. If the tree is planted too deeply, new roots will have difficulty developing because of a lack of oxygen. It is better to plant the tree a little high, 1-2 inches above the base of the trunk flare, than to plant it at or below the original growing level. This planting level will allow for some settling.

5. Straighten the tree in the hole. Before you begin backfilling, have someone view the tree from several directions to confirm that the tree is straight. Once you begin backfilling, it is difficult to reposition the tree.

6. Fill the hole gently but firmly. Fill the hole about one-third full and gently but firmly pack the soil around the base of the root ball. Be careful not to damage the trunk or roots in the process. Fill the remainder of the hole, taking care to firmly pack soil to eliminate air pockets that may cause roots to dry out. To avoid this problem, add the soil a few inches at a time and settle with water. Continue this process until the hole is filled and the tree is firmly planted. It is not recommended to apply fertilizer at time of planting.

7. Stake the tree, if necessary. If the tree is grown properly at the nursery, staking for support will not be necessary in most home landscape situations. Studies have shown that trees establish more quickly and develop stronger trunk and root systems if they are not staked at the time of planting. However, protective staking may be required on sites where lawn mower damage, vandalism, or windy conditions are concerns. If staking is necessary for support, there are three methods to choose among: staking, guying, and ball stabilizing. One of the most common methods is staking. With this method, two stakes used in conjunction with a wide, flexible tie material on the lower half of the tree will hold the tree upright, provide flexibility, and minimize injury to the trunk (see diagram). Remove support staking and ties after the first year of growth.

8. Mulch the base of the tree. Mulch is simply organic matter applied to the area at the base of the tree. It acts as a blanket to hold moisture, it moderates soil temperature extremes, and it reduces competition from grass and weeds. A 2- to 3-inch layer is ideal. More than 3 inches may cause a problem with oxygen and moisture levels. When placing mulch, be sure that the actual trunk of the tree is not covered. Doing so may cause decay of the living bark at the base of the tree. A mulch-free area, 1 to 2 inches wide at the base of the tree, is sufficient to avoid moist bark conditions and prevent decay.

TREE MAINTENANCE AND PRUNING

Some trees do not generally require pruning. The occasional removal of dead twigs or wood is typical. Occasionally a tree has a defect or structural condition that would benefit from pruning. Any pruning activity should be performed under the guidance of a certified arborist or tree expert.

Because each cut has the potential to change the growth of the tree, no branch should be removed without a reason. Common reasons for pruning are to remove dead branches, to remove crowded or rubbing limbs, and to eliminate hazards. Trees may also be pruned to increase light and air penetration to the inside of the tree's crown or to the landscape below. In most cases, mature trees are pruned as a corrective or preventive measure.

Routine thinning does not necessarily improve the health of a tree. Trees produce a dense crown of leaves to manufacture the sugar used as energy for growth and development. Removal of foliage through pruning can reduce growth and stored energy reserves. Heavy pruning can be a significant health stress for the tree.

Yet if people and trees are to coexist in an urban or suburban environment, then we sometimes have to modify the trees. City environments do not mimic natural forest conditions. Safety is a major concern. Also, we want trees to complement other landscape plantings and lawns. Proper pruning, with an understanding of tree biology, can maintain good tree health and structure while enhancing the aesthetic and economic values of our landscapes.

Pruning Techniques – From the I.S.A. Guideline

Specific types of pruning may be necessary to maintain a mature tree in a healthy, safe, and attractive condition.

Cleaning is the removal of dead, dying, diseased, crowded, weakly attached, and low- vigor branches from the crown of a tree.

Thinning is the selective removal of branches to increase light penetration and air movement through the crown. Thinning opens the foliage of a tree, reduces weight on heavy limbs, and helps retain the tree's natural shape.

Raising removes the lower branches from a tree to provide clearance for buildings, vehicles, pedestrians, and vistas.

Reduction reduces the size of a tree, often for clearance for utility lines. Reducing the height or spread of a tree is best accomplished by pruning back the leaders and branch terminals to lateral branches that are large enough to assume the terminal roles (at least one-third the diameter of the cut stem). Compared to topping, reduction helps maintain the form and structural integrity of the tree.

TREE MAINTENANCE AND PRUNING, continued

How Much Should Be Pruned?

Mature trees should require little routine pruning. A widely accepted rule of thumb is never to remove more than one-quarter of a tree's leaf-bearing crown. In a mature tree, pruning even that much could have negative effects. Removing even a single, large- diameter limb can create a wound that the tree may not be able to close. The older and larger a tree becomes, the less energy it has in reserve to close wounds and defend against decay or insect attack. Pruning of mature trees is usually limited to removal of dead or potentially hazardous limbs.

Wound Dressings

Wound dressings were once thought to accelerate wound closure, protect against insects and diseases, and reduce decay. However, research has shown that dressings do not reduce decay or speed closure and rarely prevent insect or disease infestations. Most experts recommend that wound dressings not be used.

DISEASES AND INSECTS

Continual observation and monitoring of your tree can alert you to any abnormal changes. Some indicators are: excessive leaf drop, leaf discoloration, sap oozing from the trunk and bark with unusual cracks. Should you observe any changes, you should contact a Tree specialist or Certified Arborist to review the tree and provide specific recommendations. Trees are susceptible to hundreds of pests, many of which are typical and may not cause enough harm to warrant the use of chemicals. However, diseases and insects may be indication of further stress that should be identified by a professional.

GRADE CHANGES

The growing conditions and soil level of trees are subject to detrimental stress should they be changed during the course of construction. Raising the grade at the base of a tree trunk can have long-term negative consequences. This grade level should be maintained throughout the protected zone. This will also help in maintaining the drainage in which the tree has become accustomed.

INSPECTION

The property owner should establish an inspection calendar based on the recommendation provided by the tree specialist. This calendar of inspections can be determined based on several factors: the maturity of the tree, location of tree in proximity to high-use areas vs. low-use area, history of the tree, prior failures, external factors (such as construction activity) and the perceived value of the tree to the homeowner.

Assumptions and Limiting Conditions

No warranty is made, expressed or implied, that problems or deficiencies of the trees or the property will not occur in the future, from any cause. The Consultant shall not be responsible for damages or injuries caused by any tree defects, and assumes no responsibility for the correction of defects or tree related problems.

The owner of the trees may choose to accept or disregard the recommendations of the Consultant, or seek additional advice to determine if a tree meets the owner's risk abatement standards.

The Consulting Arborist has no past, present or future interest in the removal or retaining of any tree. Opinions contained herein are the independent and objective judgments of the consultant relating to circumstances and observations made on the subject site.

The recommendations contained in this report are the opinions of the Consulting Arborist at the time of inspection. These opinions are based on the knowledge, experience, and education of the Consultant. The field inspection was a visual, grade level tree assessment.

The Consulting Arborist shall not be required to give testimony, perform site monitoring, provide further documentation, be deposed, or to attend any meeting without subsequent contractual arrangements for this additional employment, including payment of additional fees for such services as described by the Consultant.

The Consultant assumes no responsibility for verification of ownership or locations of property lines, or for results of any actions or recommendations based on inaccurate information.

This Arborist report may not be reproduced without the express permission of the Consulting Arborist and the client to whom the report was issued. Any change or alteration to this report invalidates the entire report.

Should you have any further questions regarding this property, please contact me at (310) 663-2290.

Respectfully submitted,





Lisa Smith

Registered Consulting Arborist #464
ISA Board Certified Master Arborist #WE3782
ISA Tree Risk Assessor Qualified
American Society of Consulting Arborists, Member

APPENDIX C1:

CULTURAL RESOURCES

Historic Preservation Consulting,
Historic Resource Assessment,
1159-1165 Main Street,
May 2019.

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Historic Resource Assessment

1159-1165 Main Street



May 2019

Jenna Snow, Historic Preservation Consulting ● 323/317-3297 ● jenna@preservingbuildings.com

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Attachments

- Attachment A: Current Maps and Aerials
- Attachment B: Historic Maps and Aerials
- Attachment C: Contemporary Photographs of Subject Property
- Attachment D: Historic Photographs
- Attachment E: Table of Permits
- Attachment F: Table of Tenants

INTRODUCTION AND EXECUTIVE SUMMARY

This report provides an historic resource assessment of the property located at 1159-1165 South Main Street in Downtown Los Angeles California (Assessor Parcel Number 5139-017-015, hereinafter referred to as "subject property"). The property is currently developed with one commercial/industrial building. Constructed circa 1921, according to the Los Angeles County Assessor, the subject property was historically used as an auto-related business.

The City of Los Angeles' Office of Historic Resources recently completed a citywide historic resource survey known as SurveyLA. As part of the survey, historic context statements and survey reports relevant to study of the subject property were prepared, including for industrial development in the City of Los Angeles,[1] and for the Central City Community Plan Area.[2] The subject property was not identified as a potential historical resource in either SurveyLA document.[3] In addition, the subject property has not ever been previously surveyed for historic or architectural significance; this historic resource assessment is the first known assessment of the subject property.

A project is proposed for the subject property that includes its demolition, as well as demolition of the three buildings adjacent to the northwest. With addresses 1147-1155 South Main Street, all three buildings were constructed circa 1986 of concrete block. National Register guidance requires that properties less than 50 years of age convey "exceptional importance."[4] While guidance for the California Register does not have the same age requirement, there is a requirement that sufficient time has passed to provide adequate perspective.[5] Given their recent dates of construction, complete lack of architectural distinction and use as retail stores and warehouses, none of the three buildings meet the threshold required for National and California eligibility for buildings of the recent past. Therefore, no further evaluation of these three properties will be provided in this report.

This report evaluates the subject property for historic and architectural significance for eligibility for listing in the National Register of Historic Places (National Register), California Register of Historical Resources (California Register), and for local designation, both individually as a Historic Cultural Monument (HCM), and as part of a potential historic district or Historic Preservation Overlay Zone (HPOZ). The report concludes that the subject property does not appear eligible for designation either individually or as part of any existing or potential historic district. The report also identifies any adjacent and nearby identified historical resources.

---

[1] LSA Associates, Inc., "Draft Historic Context Statement; SurveyLA Industrial Development," prepared for the City of Los Angeles, Department of City Planning, Office of Historic Resources, August 2011.

[2] Architectural Resources Group, "SurveyLA; Historic Resources Survey Report; Central City Community Plan Area," prepared for the City of Los Angeles Department of Planning Office of Historic Preservation, September 2016.

[3] While the subject property is located within the boundaries of the Central City Community Redevelopment Agency (CRA) project area, these properties were resurveyed as part of SurveyLA. Historic resource surveys completed for the CRA were determined outdated for SurveyLA. (Architectural Resources Group, "SurveyLA; Historic Resources Survey Report; Central City Community Plan Area," prepared for the City of Los Angeles Department of Planning Office of Historic Preservation, September 2016, 35).

[4] Marcella Sherfy and W. Ray Luce, National Park Service, "National Register Bulletin 22: Guidelines for Evaluating and Nominating Properties that Have Achieved Significance Within the Past Fifty Years," revised 1998, https://www.nps.gov/nr/publications/bulletins/nrb22/nrb22_I.htm.

[5] State of California, Department of Parks and Recreation, Office of Historic Preservation, "Technical Assistance Series #7: How to Nominate a Resource to the California Register of Historical Resources," September 4, 2001.

QUALIFICATIONS

This report was prepared by Jenna Snow with editorial assistance provided by Kathryn McGee. Ms. Snow visited and photographed the site on February 20, 2019.

In January 2015, Jenna Snow launched an independent historic preservation consulting practice with an office in Los Angeles. With over fifteen years of professional experience, Ms. Snow has a strong and broad understanding of best historic preservation practice, including federal, state, and local regulations. She has worked on a wide range of projects on both the east and west coasts, as well as internationally. Ms. Snow holds a M.S. in Historic Preservation from Columbia University and a B.A. in Fine Arts focusing on architectural history from Brandeis University. She meets the Secretary of the Interior's Professional Qualifications Standards in Architectural History. Throughout her career, Ms. Snow has authored, co-authored, and/or served as project manager for nearly 100 historic preservation projects, including a wide variety of historic resource assessments, National Register nominations, and historic resources surveys. She regularly contributes to environmental impact reports, historic preservation certification applications, Section 106 reviews and other work associated with historic building rehabilitation and preservation planning. Ms. Snow has prepared multiple National Register nominations, including the Twohy Building in San José, CA; the Beverly Hills Women's Club in Beverly Hills, CA; the Sam and Alfreda Maloof Compound in Rancho Cucamonga, CA; the Boyle Hotel/Cummings Block in Los Angeles, CA; the West Los Angeles Veterans Affairs Historic District in Los Angeles, CA, and Temple Ohave Israel in Brownsville, PA. She has completed historic resources surveys, including coauthoring historic context statements in Hollywood, Whittier, CA, and South Los Angeles. Prior to her consulting work, Ms. Snow worked for the New York City Department of Design and Construction in New York, NY, the Freedom Trail Foundation in Boston, MA, and the Neighborhood Preservation Center in New York, NY.

Kathryn McGee
Ms. McGee is an architectural historian and historic preservation planner based in Los Angeles. She meets the Secretary of the Interior's Professional Qualification Standards in Architectural History and has over ten years of experience in the field of historic preservation consulting. She previously worked at historic preservation consulting firm Chattel, Inc. for nearly seven years and launched an independent practice in 2015. Her educational background includes a Bachelor of Arts degree in architectural history from the University of California, Santa Barbara and a Master of Urban and Regional Planning degree from the University of California, Irvine. She has also completed the Summer Program in Historic Preservation at the University of Southern California and is a LEED Accredited Professional with specialty in Neighborhood Development. Her consulting work entails writing reports for purposes of environmental and local project review; preparation of historic resource assessments and surveys; preparation of technical reports for General Plan Updates; evaluation of properties seeking or complying with Mills Act Contracts; and consultation on adaptive reuse and federal Investment Tax Credit projects.

REGULATORY SETTING

National Register of Historic Places

The National Register of Historic Places is "an authoritative guide to be used by federal, state, and local governments, private groups, and citizens to identify the nation's cultural resources and indicate what properties should be considered for protection from destruction or impairment,"[6] Administered by the National Park Service, the National Register is the nation's official list of historic and cultural resources worthy of preservation. Properties listed in the National Register include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archaeology, engineering, and culture. Resources are eligible for the National Register if they meet one or more of the following criteria for significance:

A) are associated with events that have made a significant contribution to the broad patterns of our history; or
B) are associated with the lives of significant persons in our past; or
C) embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
D) have yielded or may be likely to yield, information important in history or prehistory.[7]

Once a resource has been determined to satisfy one of the above criteria, then it must be assessed for "integrity."[8] Integrity refers to the ability of a property to convey its significance. Evaluation of integrity is based on "an understanding of a property's physical features and how they relate to its significance." The National Register recognizes seven aspects or qualities of integrity: location, design, setting, materials, workmanship, feeling, and association. To retain integrity, a property must possess several, and usually most, of these aspects.

Relationship to Project

The subject property is not listed in the National Register, and for the reasons stated in this report, does not appear to meet National Register eligibility requirements.

California Register of Historical Resources

Based substantially on the National Register, the California Register is "an authoritative guide… used by state and local agencies, private groups, and citizens to identify the state's historical resources and to indicate what properties are to be protected."[9] For a property to be eligible for listing in the California Register, it must be found by the State Historical Resources Commission to be significant under at least one of the following four criteria:

1) is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage; or
2) is associated with the lives of persons important in our past; or

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[6] National Register Bulletin #16A: *How to Complete the National Register Registration Form* (National Park Service, 1997).

[7] National Register Bulletin #15, *How to Apply the National Register Criteria for Evaluation* (National Park Service, 1990, revised 2002).

[8] National Register Bulletin #15, *How to Apply the National Register Criteria for Evaluation* (National Park Service, 1990, revised 2002).

[9] California Public Resources Code §5024.1(a), <http://codes.lp.findlaw.com/cacode/PRC/1/d5/1/2/s5024.1>.

3) embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual or possesses high artistic values; or
4) has yielded, or may be likely to yield, information important in prehistory or history.

Also included in the California Register are properties which have been formally determined eligible for listing in, or are listed in the National Register; are registered State Historical Landmark Number 770, and all consecutively numbered landmarks above Number 770; and Points of Historical Interest, which have been reviewed and recommended to the State Historical Resources Commission for listing.

The primary difference between eligibility for listing in the National and California Registers is integrity. Properties eligible for listing in the National Register generally have a higher degree of integrity than those only eligible for listing in the California Register. There is, however, no difference with regard to significance.

Relationship to Project
The subject property is not listed in the California Register, and for the reasons stated in this report, does not appear to meet California Register eligibility requirements for individual listing.

City of Los Angeles

§22.171.7 of the Los Angeles Administrative Code defines criteria for designation of a Historic-Cultural Monument (HCM). For ease in applying local eligibility, the following numbers are assigned to the criteria, which align, to a large degree, with National and California Register criteria. Resources eligible for HCM designation are:

1) Historic structures or sites in which the broad cultural, economic or social history of the nation, state or community is reflected and exemplified; identified with important events in the main currents of national, state, or local history; or
2) Historic structures or sites identified with personages in the main currents of national, state or local history; or
3) Historic structures or sites which embody the distinguishing characteristics of an architectural type specimen, inherently valuable for a study of a period style or method of construction or a notable work of a master builder, designer, or architect whose individual genius influenced his age.

An HPOZ is defined as:

> a planning tool which recognizes the special qualities of areas of historic, cultural, or architectural significance. An HPOZ does not change the underlying zoning, rather it lays an added level of protection over a zone through local board oversight.[10]

The HPOZ criteria for evaluation state that structures, natural features, or sites within the involved area, or the area as a whole, shall meet one or more of the following:

[10] City of Los Angeles Cultural Affairs Department, *Cultural Heritage Masterplan*, adopted 2000: 44. *preservation.lacity.org.*

A. Adds to the historic architectural qualities or historic associations for which a property is significant because it was present during the period of significance, and possess historic integrity reflecting its character at that time.
B. Owing to its unique location or singular physical characteristics, represents an established feature of the neighborhood, community, or City.
C. Retaining the structure would help preserve and protect an historic place or area of historic interest in the City.[11]

Relationship to Project
The subject property is not individually listed as an HCM and, for reasons stated in this report, does not appear to meet criteria for designation as an HCM. Furthermore, the subject property is not located within an existing or potential HPOZ.

[11] City of Los Angeles Cultural Affairs Department, *Cultural Heritage Masterplan*, adopted 2000: 44. *preservation.lacity.org.*

PROPERTY DESCRIPTION

Physical Description

Current maps and aerials are included in Attachment A, current photographs are included in Attachment C.

Site

The subject property is located at the northwest corner of South Main Street and West 12th Street.[12] It is located in an urban area with buildings of a variety of heights. There is no vegetation surrounding the subject property except for a small tree planted along the sidewalk on Twelfth Street. An alley runs behind the property to the west and there is a surface parking lot further to the west on a separate parcel. The subject property contains one commercial building that encompasses the entire parcel, built to the sidewalk line along the east elevation facing Main Street and the south elevation facing Twelfth Street.

Exterior

The commercial building is one story high with a parapet and a modified hipped roof that features sloping ends and sides angled up to a flat portion, resulting in a tall volume. The parapet steps up slightly at the primary, southeast corner of the building. Through bolt anchors are visible along the cornice line. The building is rectangular in plan and is finished in smooth stucco along the east and south elevations facing the street and brick along the west and north elevations. The building is three bays wide along Main Street and six bays wide along Twelfth Street with three retail spaces along Main Street and an additional retail space along Twelfth Street. The building has no architectural style, although there are a few vestiges of architectural flourishes surrounding the south two bays on the east elevation and the east two bays on the south elevation. The architectural detail consists of a slightly projecting, Classically-inspired architrave, or enframement, around the storefront windows, incorporating paired pilasters with simplified Corinthian capitols with oval rosettes, and urns above.

The east elevation, facing Main Street, consists of three bays containing one retail storefront each. Each of the three storefronts contains contemporary aluminum and glass double doors with fixed glass sidelights and transom set within an aluminum frame. Each storefront is protected by a contemporary metal, roll-up door and topped by a contemporary canvas awning.

On the south elevation, facing Twelfth Street, a storefront window is located in the first bay to the east. The storefront window has four, large, fixed panes of glass divided by a contemporary aluminum frame. The window is topped by a contemporary canvas awning. The second bay from the east contains a blank wall, which appears to have been infilled. A contemporary canvas awning spans from the west side of the elevation across to the third bay from the east. Inset storefront opening are located in the third bay from the east, as well as the first three bays from the west. The paired contemporary glass and aluminum doors are sided on either side by fixed windows. A metal roll-up door obscured the aluminum storefront in the first bay from the west at the time of the site visit.

The west elevation is secondary and is finished in brick. The elevation is five bays wide. The first three bays from the south consist of infilled windows, recognizable from their slightly projecting

[12] For purposes of this report, it is assumed Main Street runs north-south. In reality, it runs southwest to northeast.

brick sills and top arch. A tall, roll-up metal door is located in the second bay from the north while an unadorned pedestrian door is located in the first bay at the north. The pedestrian door is fronted by a contemporary metal security door.

Only a small portion of the north elevation is visible as the remainder is obscured by the adjoining building to the north.

Interior

The interior of the building consists of three commercial spaces along Main Street and a single commercial space along Twelfth Street. Little historic fabric is evident in the commercial spaces. All three commercial spaces along Main Street consist of a tall main space on the first floor and a partial mezzanine level reached by a short flight of wood steps toward the west side of the space. The ceiling in the mezzanine is generally low. The commercial space furthest north along Main Street features a metal moment frame and a tall shaft in the mezzanine extends to a small skylight. The stair to the mezzanine in the center commercial space along Main Street features a square, wood paneled newel post. Wood floors are visible on that mezzanine, along with a vault. All four commercial spaces are generally devoid of any historic fabric. The Twelfth Street commercial space is the largest in the building and consists of several rooms with high ceilings. No mezzanine space was evident. The majority of rooms are dedicated to warehousing materials.

Alterations

Historic maps and aerial photographs are included in Attachment B. A few historic photographs of the interior are included in Attachment D.

Although no historic photographs of the exterior of the building at the subject property could be located,[13] based on visual inspection and review of building and alteration permits, the building has been substantially altered since it was constructed in 1921.[14] Specifically, all storefront systems, including doors, windows, metal roll-up doors, and canvas awnings appear to be contemporary. A window opening in the second bay from the east along the south elevation appears to have been infilled, in addition to all window openings along the rear, west elevation. In addition, all interior finishes appear to be contemporary and very little historic fabric is evident.

A table of all building and alteration permits is included in Attachment E. The original building permit describes the building as 72'-4" wide by 119'-8" long, the size of the entire lot. Constructed as an "Auto Sales Bldg" for a cost of $20,000, the one-story building was built 21' to the highest point.[15] Substantial alterations since that time include replacing storefront windows in 1928 (though

[13] Sources consulted include Los Angeles Public Library Photo Collection, University of Southern California Digital Archives, Huntington Library Digital Collections, Online Archive of California, University of California Los Angeles Air Photo Archives, University of Santa Barbara aerial photographs, and historic *Los Angeles Times*. While the building is visible on historic aerial photographs, none provide sufficient detail to discern the appearance at an earlier time.

[14] City of Los Angeles, Department of Buildings, "Application for the Erection of Buildings," Permit #13845, June 18, 1921.

[15] City of Los Angeles, Department of Buildings, "Application for the Erection of Buildings," Permit #13845, June 18, 1921.

they were also changed again later),[16] and removing the parapet in 1953.[17] Seismic retrofit was completed in 1986[18] and new partition walls were added at the same time for a cost of $12,000.[19] Interior partition walls were changed again only seven months later.[20] Additional interior work was permitted in 2000, although it is unclear how much was completed.[21] Storefronts, including doors, fixed windows, roll-up security doors, and canvas awnings appear contemporary, although it is not known the exact date when they were installed. The subject property initially contained two retail spaces and it is not known when it was divided into four retail spaces.

Property History
As noted above, few historic photos of the subject property were identified, with none that clearly show the exterior. Historic photos are included in Attachment D. A table of tenants is included in Attachment F.

Prior to construction of the existing building, the subject property was occupied by a brick building that served as an electric substation for Pacific Light and Power Company,[22] owned by Henry E. Huntington. That early building was subsequently demolished and the existing building was constructed in 1921 as an "auto sales building." Designed by John Montgomery Cooper, the building contained two retail spaces, the larger of which was initially used by Spencer Kennelly, Inc., who sold used cars, specifically Chevrolets (see biography below for Spencer Kennelly). The property was owned at the time by the Huntington Land and Improvement Company, a different company than that which owned the prior building.

The Huntington Land and Improvement Company was established by Henry E. Huntington, who is known as "the foremost developer of the Los Angeles metropolitan area."[23] "More than any single figure, Henry E. Huntington was responsible for Los Angeles' dynamic growth between 1900 and 1920."[24] The nephew of railroad developer Collis Huntington, Henry Huntington inherited a fortune of $15 million, which allowed him to self-finance his business ventures. Henry Huntington focused on three, interdependent development areas: trolleys, electric power generation and distribution, and real estate development. The Pacific Electric linked many of the region's smaller communities with downtown Los Angeles. "It was not a profitable transit system, but it served Huntington's larger

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[16] City of Los Angeles, Department of Buildings, "Application to Alter, Repair, or Demolish," Permit #12943, May 4, 1928.

[17] City of Los Angeles, Department of Buildings, "Application to Alter, Repair, or Demolish," Permit #LA77004, December 29, 1953.

[18] City of Los Angeles, Department of Buildings, "Application to Add-Alter-Repair-Demolish," Permit #46567, September 23, 1986.

[19] City of Los Angeles, Department of Buildings, "Application to Add-Alter-Repair-Demolish," Permit #50693, November 14, 1986.

[20] City of Los Angeles, Department of Buildings, "Application to Add-Alter-Repair-Demolish," Permit #68340, June 18, 1987.

[21] City of Los Angeles, Department of Building and Safety, "Application for Building Permit," Permit #00VN72177, May 11, 2000; City of Los Angeles, Department of Building and Safety, "Application for Building Permit," Permit #00VN74012, June 13, 2000; City of Los Angeles, Department of Building and Safety, "Application for Building Permit," Permit #00LA01403, July 13, 2000.

[22] City of Los Angeles, Department of Building, "Application for the Erection of Building," Permit #10264, August 4, 1913.

[23] William B. Fredricks, "Henry E. Huntington and Metropolitan Entrepreneurship in Southern California, 1898-1917," *Business and Economic History*, Second Series, Vol. 16, 1987.

[24] Robert Phelps, "'The Manufacturing Suburb of Los Angeles,' Henry Huntington, Alfred Dolge, and the Building of Dolgeville, California, 1903-1910," *Southern California Quarterly*, Vol. 80, No. 2 (Summer 1998), 147.

purpose of working with his many land companies and promoting the sale of real estate."[25] While Huntington Land and Improvement Company held property from Orange County to the San Fernando Valley, most of the real estate was located in the San Gabriel Valley. Historic record books show that the Huntington Land and Improvement Company owned several properties in the same block as the subject property, including the two adjacent properties to the north..[26]

The property transferred to Henry and Esther Novisoff in 1946 (see biography below for Henry Novisoff), who held the property until the mid-1970s.[27]

The Sanborn Fire Insurance Map, updated to 1951, shows two retail spaces, 1165 Main Street and 1159 Main Street. *Los Angeles City Directories* indicate a variety of tenants for 1159 Main Street, none of whom stayed for any length of time, except for Andrew F. Limper, who ran a restaurant from around 1934 through around 1941.[28] Born in Germany in 1876, Andrew Limper moved to Kansas around 1893, where he worked as a baker.[29] He moved to Los Angeles in 1902 and opened his own bakery.[30] By 1906, he owned two bakeries and was "doing unusually well… [with] two of the largest bakeries in Los Angeles."[31] Neither of these bakeries were located at the subject property; *Los Angeles City Directories* indicate Andrew Limper ran a restaurant at the subject property. Other tenants include a furniture manufacturing or sales business (late 1920s), and Crest Embroidery Company (1950s).

John Montgomery Cooper

The building at the subject property was designed by John Montgomery Cooper. Born in Ohio, John Montgomery Cooper (1884-1950) graduated from Yale University and worked on the Panama Canal as an engineer. He arrived in Los Angeles in 1910.[32] John Montgomery Cooper became a noted southern California architect who was responsible for the design of the Hollywood Knickerbocker Hotel (1714 Ivar Avenue, 1929, contributing resource to a National Register-listed historic district), Grether & Grether Building (730 South Los Angeles Street, 1924, listed in the National Register), Roxie Theater (815 South Broadway, 1931, listed in the National Register), and NuWilshire Theater (1314 Wilshire Boulevard, Santa Monica, 1931, Santa Monica Landmark). Cooper was specifically known for his industrial designs.[33] In addition to the subject property, he was responsible for several other industrial buildings nearby including a garage at the northwest corner of Los Angeles and Twelfth streets,[34] a brick factory on Main Street between Pico Boulevard

[25] William B. Fredricks, "Henry E. Huntington and Metropolitan Entrepreneurship in Southern California, 1898-1917," *Business and Economic History*, Second Series, Vol. 16, 1987.

[26] While the subject property and adjacent properties were purchased by the Huntington Land and Improvement Company in 1914, the nearby ones were purchased in 1921. (Los Angeles County, Assessor Books.)

[27] County of Los Angeles, Assessor Records, Books.; City of Los Angeles, Department of Building and Safety, Permits.

[28] *Los Angeles City Directory*, (Los Angeles Directory Company, 1934-1941).

[29] 1900 United States Federal Census, Salina Ward 2, Saline, Kansas; Page: 12; Enumeration District: 0121.

[30] "Local News Briefs," *The Salina Daily Union* (Salina, Kansas), April 19, 1904, 4; 1910 United States Federal Census, Los Angeles Assembly District 73, Los Angeles, California; Roll: T624_82; Page: 7B; Enumeration District: 0134.

[31] "Owns Two Large Bakeries," *The Salina Daily Union* (Salina, Kansas), August 2, 1906, 2.

[32] "John M. Cooper, Noted Southland Architect, Dies," *Los Angeles Times*, May 29, 1950, 20.

[33] Robert Chattel, "Grether and Grether Building," National Register of Historic Places Nomination Form, 2016.

[34] "Will Build Garage," *Los Angeles Times*, July 29, 1919, 88.

and Fourteenth Street,[35] and a factory for Angeles Furniture Company between Stanford and Paloma streets.[36]

Spencer Kennelly

Automobile dealer Spencer North M Kennelly (1885-1936)[37] was born in Montana and moved to Santa Monica with his parents and three siblings by the time he was six years old in 1891,[38] when Santa Monica was still a relatively new city.[39] Spencer Kennelly married Margret Gunn in 1910.[40] By the time of his early death at the age of 51, Kennelly was considered "one of the most important dealers in Southern California and a leader in the trade."[41]

Prior to selling cars, Kennelly tried his hand in real estate when he was just 20 years old.[42] His interest in cars started early, prior to widespread use of the personal automobile, and even before the Model T became available in 1908 (see historic context below). While he was involved in a somewhat serious car accident in 1906, one in which his sister "sustained a broken arm as well as numerous bruises,"[43] by 1919, an article appearing in the "Society" column of the *Los Angeles Times* described him as a "villainous genius at driving cars that he loves to pretend he is about to make them climb telephone poles to the terror of the nervous."[44]

Spencer Kennelly started in the used car business by 1914[45] and opened a Ford showroom at 3548 South Vermont Avenue.[46] During World War I, he enlisted in the Motor Transport Branch and was sent to Siberia.[47] He didn't spend very long in Siberia; by 1919, a notice in the *Los Angeles Times* describes his intention to construct a new "California Show Room" that takes advantage of the climate with a "showroom al fresco."[48] A later advertisement indicates that his new showroom was located at 1151 Main Street, a few parcels north of the subject property.[49] At the time, this was considered the "center of 'automobile row.'"[50] By 1922, the company had moved into the building at the subject property and changed its name from Southwestern Motor Company to Spencer Kennelly, Inc.[51] By 1925, Spencer Kennelly, Inc. had a branch at 961 South Olive Street,[52] with two

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[35] "Two New Stores," *Los Angeles Times*, May 11, 1919, 11.

[36] "Furniture Factory," *Los Angeles Times*, February 5, 1922, 87.

[37] United States, Selective Service System. *World War I Selective Service System Draft Registration Cards, 1917-1918*. Washington, D.C.: National Archives and Records Administration; *Find A Grave*. Find A Grave. http://www.findagrave.com/cgi-bin/fg.cgi.

[38] "Spencer Kennelly," *Los Angeles Times*, October 13, 1936, 40.

[39] Santa Monica was established in 1875.

[40] "Santa Monica," *Los Angeles Times*, January 9, 1910, 45.

[41] "Kennelly, Auto Dealer, Dies," *Los Angeles Times*, October 11, 1936, 22.

[42] "For Sale," *Los Angeles Times*, October 8, 1905, 55.

[43] "Hurt at Santa Monica," *Los Angeles Times*, May 7, 1906, 8.

[44] "Society," *Los Angeles Times*, January 7, 1917, 37.

[45] "For Sale," *Los Angeles Times*, January 21, 1917, 59.

[46] "Removal Notice," *Los Angeles Times*, October 6, 1918, 74.

[47] "Society," *Los Angeles Times*, October 6, 1918, 32; "Motor Dealer Joins Transport Service," *Los Angeles Times*, October 13, 1918, 68.

[48] "A California Show Room," *Los Angeles Times*, May 25, 1919, 114.

[49] "Classified Liners," *Los Angeles Times*, October 21, 1919, 13.

[50] "Automobile Agency Occupies New Home," *Los Angeles Times*, April 5, 1936, 79.

[51] "Seeks New Name," *Los Angeles Times*, November 7, 1922, 37.

[52] *Los Angeles City Directory,* (Los Angeles Directory Company, 1925).

additional branches in Long Beach and 3707 West Pico Boulevard.[53] The company moved out of the subject property by 1930.[54] By 1936, the company had moved into new headquarters at Vermont and Santa Barbara. Spencer Kennelly, Inc. advertised widely, including in the 1924 yearbook for the Manuel Arts High School.[55]

Henry Novisoff

Although Perfect Made Tire Co., owned by Henry Novisoff, moved into the subject property by 1930,[56] Henry Novisoff did not purchase the property until 1946.[57] Henry Jake Novisoff (1886-1968)[58] was born in Russia and moved to the United States in 1908.[59] He spent a few years in San Francisco before moving to Los Angeles in 1917. He worked for a time in a tire shop and opened his own business in 1923.[60] In 1930, there were two other branches of Perfect Made Tire Co., 908 South Central Avenue and 965 South Main Street. It appears Henry Novisoff consolidated his business into one location at the subject property by 1935.[61]

Henry Novisoff married Esther Brody and the couple had two sons, Thomas and Eugene Novisoff.[62] Thomas went into business with his father by 1940 and, when Eugene joined the family business by the mid-1950s, the name changed to Novisoff & Sons Tire Company.[63] Thomas served as sales manager and Eugene as Production Manager. In the 1950s, Novisoff & Sons was awarded the contract to recap all tires for State-owned vehicles.[64] "The organization is now one of the largest of its type in Southern California and its recapping plant is regarded as one of the best in the nation."[65] After Henry's death in 1968, his sons continued the business at the subject property until the 1970s.[66]

[53] "Branch Opened by Kennelly Third of Chain," *Los Angeles Times*, June 12, 1927, 114; "Automobile Agency Occupies New Home," *Los Angeles Times*, April 5, 1936, 79.

[54] *Los Angeles City Directory*, (Los Angeles Directory Company, 1930).

[55] Manual Arts High School, *The Artisan*, (Los Angeles, 1935).

[56] *Los Angeles City Directory*, (Los Angeles Directory Company, 1930).

[57] County of Los Angeles, Assessor Records, Books.

[58] Social Security Administration. *Social Security Death Index, Master File*. Social Security Administration.

[59] 1930 United States Federal Census, *Los Angeles, Los Angeles, California*; Page: *9B*; Enumeration District: *0392*.

[60] "Tire Company Celebrates 30th Birthday," *Los Angeles Times*, September 17, 1953, 29.

[61] *Los Angeles City Directory*, (Los Angeles Directory Company, 1935).

[62] *Los Angeles City Directory*, (Los Angeles Directory Company, 1940).

[63] *Los Angeles City Directory*, (Los Angeles Directory Company, 1956).

[64] "No Title," *Los Angeles Times*, February 22, 1953, 63.

[65] "Tire Company Celebrates 30th Birthday," *Los Angeles Times*, September 17, 1953, 29.

[66] *Los Angeles City Directory*, (Los Angeles Directory Company, 1973 and 1987).

HISTORIC CONTEXT

Located in the Central City Community Plan Area (CPA), the subject property was considered under the relevant historic contexts established by SurveyLA, including development of the Central City Community Plan Area and properties relating to Commercial Development and the Automobile.

Central City Community Plan Area

The subject property is located in the South Park neighborhood of the Central City CPA, a few blocks southwest of Main Street's intersection with Broadway. This area was originally developed with single- and multi-family homes. Beginning in the late 1910s and 1920, the area rapidly changed with construction of commercial and industrial properties. As described below, many automobile manufacturers constructed showrooms and repair shops in the South Park neighborhood and the area became known as "auto row." Construction of the freeways, specifically the I-10 (Santa Monica) Freeway in the 1960s, a short distance to the south of the subject property, and the SR-110 (Harbor) Freeway in the early 1950s, a few blocks west of the subject property, significantly changed the character of the area. The Los Angeles Convention Center was built northeast of the nexus of these freeways, opening in 1971 and expanding in the 1990s. The Staples Center and L.A. Live development projects further changed the character of the area. The character of the area has recently transformed with rapid replacement of early buildings with new contemporary buildings.

The SurveyLA report for the Central City CPA contains an historical overview for development of the CPA; excerpts most relevant to the subject property are included here:[67]

> *Early Twentieth Century Growth: Rise of the Central Business District*
> By the turn of the twentieth century, Los Angeles had unequivocally shed its small town roots and had matured into "a populous, commercialized city with increasing regional importance." Its population had nearly doubled between 1890 and 1900, from roughly 50,000 to more than 102,000. As the city grew in population and stature, its business district was pulled to the south and west, eventually supplanting older commercial nodes and giving rise to a thriving central business district that is known today as the Historic Core. By 1900, several prominent commercial buildings had been constructed in the area including the Bradbury Building at Second and Broadway (1893, City HCM #6) and the Douglas Building at Third and Spring (1898, City HCM #966). As more and more development occurred and the central business district began to firmly take shape, the term "Downtown" was used to describe it and became a part of the local lexicon. The first official reference to the Downtown area appeared in the Los Angeles Herald in 1906, and in the Los Angeles Times in 1909…
>
> …[City officials concerned about Manhattanization with too many tall, dense buildings] advocated for a more horizontal pattern of development since at the time, Los Angeles had what seemed to be unlimited space in which to expand. In response, the Los Angeles City Council enacted an ordinance in 1905 that restricted the height of new buildings to 150 feet, or roughly 13 stories. The height ordinance thwarted the vertical growth of Downtown and created a nearly-uniform skyline that lasted until the restrictions were repealed in the mid-1950s.

[67] Architectural Resources Group, "SurveyLA; Historic Resources Survey Report; Central City Community Plan Area," prepared for the City of Los Angeles Department of Planning Office of Historic Preservation, September 2016.

As the central business district was pulled to the south, new commercial and institutional buildings were swiftly constructed until nearly every parcel in the Historic Core was developed. Between the turn of the twentieth century and the late 1920s, the central business district took shape and matured into a quintessential American downtown. Scores of new height-limit buildings were erected to house the entire gamut of commercial uses including banks and financial institutions, hotels, offices, department stores and smaller retail outlets, theaters and concert halls, and restaurants and taverns. Many of these buildings featured some combination of commercial uses, typically with retail on the ground story and offices up above. Reflecting the prevailing sense of prosperity, almost all were intended to be bold architectural statements that showcased an architect's mastery of the Beaux Arts tradition or other, similar architectural styles that exuded formality and were predicated on the Classical orders. Buildings constructed at the end of the 1920s and into the early 1930s often exhibited characteristics of styles that were considered to be more "modern," including Art Deco and Streamline Moderne…

Amid Los Angeles' rapid growth, local leaders deemed it a priority to modernize and expand municipal services and initiated plans to develop a new civic center complex at the north end of the central business district…

While new commercial and institutional development gave rise to the central business district, industrial development was swiftly transforming the blocks east of Main Street. This area had historically been occupied by a mix of agricultural land and working-class neighborhoods, but the presence of railroad depots, warehouses, and yards along Alameda Street had paved the way for industrial development nearby in the early twentieth century. Some of the area's earliest industrial properties arose adjacent to the railroad depots and consisted of buildings that supported agriculture and food processing, both early linchpins of the Southern California economy…

Population growth in the 1910s and 1920s sustained additional economic development and introduced many other industrial uses to the blocks east of the central business district. The area's identity as an industrial center was solidified by a sweeping zone change in 1922, which eliminated new residential uses from Downtown. Though the area clung onto some of its historical uses such as Single-Room Occupancy (SRO) hotels, it took on a much more industrial character by the 1920s as factories, printing and publishing plants, machine shops, and various other industries encroached onto blocks that had once been predominantly residential. "Stimulated in part by the arrival of runaway shops evading unionization drives in New York," a concentration of garment factories were erected in the area to the southeast of the central business district beginning in the 1920s, sowing the seeds for a robust wholesale garment trade that today is the second largest in the nation outside of New York. Warehouses and other more utilitarian industrial uses generally clustered in areas further south and east.

The remarkable growth of the central business district in the early twentieth century was accompanied by an equally remarkable problem—traffic congestion. Traffic jams and snarled streets quickly became issues of epic proportions due to the brisk

development of the central business district and a steady increase in the number of automobiles. Further complicating the situation were the hills and buttes flanking the west end of Downtown, which limited the options into and out of the city. The city initiated a number of infrastructure projects in an attempt to improve accessibility and mitigate the worst effects of congestion…

In addition to new transportation infrastructure, proliferation of the automobile in the 1910s and 1920s also spawned a commercial enclave to the south and west of the central business district that was oriented around the sale, repair, and maintenance of cars. Capitalizing on the enhanced role that auto travel played, particularly in Southern California, several automobile manufacturers erected large, new showrooms and repair facilities along Figueroa and Flower Streets in what is now known as the South Park neighborhood. By the 1910s, the term "auto row" appeared in local newspapers and was used to describe the cluster of showrooms and associated businesses in the area. Throughout Downtown, multi-story "auto parks" were weaved into the central business district as early as the 1920s, providing patrons of department stores and other businesses with a convenient place to park their car while shopping. To entice motorists, many of these garages offered on-site services in addition to parking stalls. Some touted a rather robust menu of amenities including "a repair department manned by experts, a lubrication department, and a washing and polishing department ... a complete accessory and tire department with direct factory representation ... [and] a finely appointed ladies' lounge."

Great Depression and World War II

Downtown Los Angeles had matured into a vibrant district that acted as the commercial, institutional, and industrial hub of the Southern California region by the 1920s. However, it was also around this time that some neighborhoods around Downtown experienced decline as new development in more peripheral areas of the city slowly began to pull people away from the urban core. This trend was particularly evident in Bunker Hill. Beginning in the early twentieth century, the neighborhood lost its luster as affluent residents incrementally moved away to new residential districts in other parts of the city and, one by one, their stately mansions were carved into smaller, multi-family units, "most of which were occupied by single boarders in single rooms." Apartments and rooming houses that were erected nearby crowded out the mansions, and by about 1920 new construction in the neighborhood had ceased. The condition of buildings deteriorated as they aged and maintenance was deferred. By 1930, local officials were flirting with the possibility of razing the buildings and leveling the hill, likening the area to a "rotten apple in the barrel" that presented "a problem of concern to the entire city."

The area around the plaza had also languished by the 1920s as the locus of development had shifted southward. Buildings had fallen into various states of disrepair, and since the area was inhabited mostly by poor, disenfranchised immigrant families it did not receive much public investment…

Development activity throughout Downtown was stymied as the economic effects of the Great Depression reverberated. Compared to the prosperous 1910s and 1920s, in which buildings were erected en masse in the central business district and in adjacent

areas, the 1930s were characterized by a relative lull in new construction as consumers spent less and local real estate became less lucrative. The development of new, upscale commercial nodes like Miracle Mile and a theater district in Hollywood also began to slowly siphon patrons away from Downtown businesses, shifting the city's center of gravity away from the central business district and into more suburban settings. However, in spite of these factors Downtown did not cease to be a focal point of commercial and civic life. Angelenos continued to travel Downtown to shop, and attendance at many of the theaters on and around Broadway remained strong. In 1939, a new passenger rail terminal, Los Angeles Union Station, opened to the east of the historic plaza and consolidated the numerous rail depots that had historically been located further to the south…

Post-World War II Era: Decline and Redevelopment

After World War II, Downtown experienced a period of precipitous decline as middle and upper-income Angelenos vacated urban neighborhoods in favor of suburban environments. As more and more people left the central city for the suburbs, many businesses and institutions followed suit. Downtown's identity as a preeminent shopping and entertainment district was diminished as department stores, theaters, and other businesses that had long been occupants of the area relocated to locations nearer their customer base. Suburban migration was hastened by the construction of a vast network of freeways across Southern California, which rendered these outlying areas more accessible and allowed motorists to circumvent the central business district entirely. Four freeways were constructed near Downtown at this time: the Hollywood (US 101), Harbor (SR-110), and Santa Ana (I-5) Freeways were completed in the early 1950s, and the Santa Monica Freeway (I-10) opened nearly a decade later. Where the 110 and 101 Freeways converged was a remarkable feat of civil engineering known as the Four Level Interchange, which was the first stack interchange in the world when it opened in 1949. These freeways and their infrastructure forged boundaries around Downtown and effectively walled it in from adjacent communities. The 101 Freeway yielded a particularly profound effect in this regard by severing the connection between the Civic Center and the historic plaza…

Contemporary Development and Revitalization

…To the south and west of the Historic Core, the South Park neighborhood has also experienced a significant wave of new development since the early 2000s. "Dismissed for decades as an asphalt-laden wasteland" composed of small warehouses, apartment houses, and parking lots, South Park experienced a boon in 1999 when the Staples Center, a new multi-purpose sports arena, opened adjacent to the Los Angeles Convention Center and helped to cement the area's identity as a dynamic entertainment district. Since the early 2000s, many mid and high-rise apartment, condominium, and hotel projects have been completed and have transformed the area's once-moribund blocks into a vibrant, mixed-use urban community. In 2007, the area made headlines as the site of the first new full-service grocery store to open in Downtown in several decades. L.A. Live, a contemporary entertainment and retail complex complete with restaurants, shops, theaters, museums, and associated commercial uses, opened between 2007 and 2009 and instantly became a destination and prominent anchor of South Park. The

neighborhood, like many other areas in Downtown, is poised to evolve even more in coming years as many new development projects are either under construction or in the pipeline.

Commercial Development and the Automobile

As noted above, 1159-1165 Main Street was constructed in 1921 for Spencer Kennelly, Inc., who sold used Chevrolet cars. It was later used for car tire sales. In order to provide relevant background, the historic context related to the development of early car showrooms is excerpted from the Citywide Historic Context Statement and referenced below. This section includes relevant excerpts from the context for Commercial Development 1859-1983, under the theme, Commercial Development and the Automobile, 1910-1980.[68]

Historical Overview

Reyner Banham noted in *Los Angeles: The Architecture of Four Ecologies* that, "like earlier generations of English intellectuals who taught themselves Italian in order to read Dante in the original, I learned to drive in order to read Los Angeles in the original." It is impossible to understand Angelino architecture of the twentieth century without considering the impact of the automobile. This impact can best be seen in those structures created to provide for the needs of the car. Beginning in the early 1900s, there emerged new building types – from gas stations to drive-in restaurants – which served the motorist.

These new building types led to new relationships with the street and surrounding structures. Earlier urban buildings had been part of a greater whole. Set adjacent or close to each other, they formed a visually solid streetwall. Only the occasional monumental structure, such as a library or a church, broke with the streetwall and stood apart. But the automobile produced buildings that all stood alone, each surrounded by its own driveway and parking lot. The idea of a wall of unified background buildings, broken in places by a foreground building sitting in isolated splendor, no longer fit the increasingly auto-oriented city. In its place came a line of separate buildings, each putting itself forward as a monument.

The Passenger Car, 1900-1930

The sprawling nature of greater Los Angeles was actually the product of an earlier system of transportation, the interurban railroad. The development of the interurban [railroad], beginning in the late 1800s and reaching its peak with the Pacific Electric network in the early 1900s, allowed the residents of the city and its surrounding suburbs to spread out over the flatlands. Yet this was still a settlement pattern of clusters around interurban stops. Large expanses of vacant land sat between these settlements. It was the automobile that allowed Angelinos to fill in the expanses.

The widespread use of the automobile came in the years just before the United States entered the First World War in 1917. Up until that time the passenger car was a luxury item. In 1906, Woodrow Wilson, then president of Princeton University,

[68] SurveyLA: Los Angeles Citywide Historic Context Statement, "Context: Commercial Development 1859-1980. Theme: Commercial Development and the Automobile: 1910-1970," prepared for the City of Los Angeles Department of City Planning, Office of Historic Resources, August 2016, 3-11, and 35-39.

maintained that "possession of a motor car was such an ostentatious display of wealth that it would stimulate socialism by inciting envy of the rich." The Automobile Club of Southern California, organized in 1900, at first represented this well-off class of motorists, and by 1910 had a membership of 2500.

Ten years later, in 1920, Automobile Club membership had risen to 30,320, a twelve-fold increase that reflected the changing nature of auto ownership during that decade. Overall, auto registration in Los Angeles County, less than 20,000 in 1910, exceeded 100,000 by 1920. The increase in popular ownership came about through the development of an affordable car, specifically the Ford Model T. There were other manufacturers of cars intended for the masses, but none could come close to challenging Henry Ford. Built using assembly-line techniques, the Model T, commonly known as the Tin Lizzie, was durable, easy to operate, economical to maintain and simple to repair.

The Model T was first introduced in 1908. A year later Ford stopped manufacturing all other models and concentrated on it alone, and by 1911 Ford had become the largest single automobile manufacturer in the country. In the process of increasing volume he continually lowered the price. In 1908 the touring car cost $850 and less than six thousand were made. By 1912 the price had fallen to $600 and over seventy-eight thousand were produced. By 1916 a new touring car could be had for $360 and well over half a million were built. By the end of the First World War, in 1918, Ford had half the market for automobiles in the United States, and by 1920 every other motor car in the world was a Model T.

In great part because of the Model T, the 1920s were the years during which the motor car became the dominant mode of transportation in Southern California. Registration of passenger cars in Los Angeles County went from a bit more than 100,000 in 1920 to almost 800,000 by 1930. This growth was aided by the fact that prices for new cars continued to fall during that decade. The average price of all passenger cars in 1919 was $1157. By 1929 it was $818. A new Model T could be bought in 1926 for $290, seventy dollars less than what it cost ten years earlier. Also there had developed by the early 1920s a used-car market, which provided the less well off with an even cheaper car. Finally, adding to the affordability of autos was the emergence of buying on credit. By 1925 three-quarters of all sales, new and used, were made with some form of a time-payment plan.

By the mid-1920s the dominance of the Model-T began to fade. The growing popularity of the self- starter, and the shift in preference from open to closed cars, made the cloth-topped Ford, with its crank- dependent engine, increasingly unattractive. General Motors introduced the Chevrolet as a slightly more costly but much more stylish alternative, and devised the annual model change as a means to stimulate the market. Henry Ford's concept of a durable car built for long use became unfashionable. Ford responded in the late 1920s with the Model A as an updated substitute for the Model T. By the end of the decade the Tin Lizzie may have vanished as a new product, but it had accomplished its purpose of making the car an affordable element of everyday life.

The City Street, 1900-1930

The increasing presence of the car after the First World War caused Los Angeles to rethink the nature of its street system. There were some major early thoroughfares laid out by both the city and the county, particularly after the Board of Supervisors issued $3.5 million in bonds for road construction in 1909. But typically streets had been created by subdividers, with the higher-priced developments having some kind of hard surface provided. Otherwise, property owners created improvement districts of their own to finance the grading and surfacing of their streets.

Yet in spite of this generally haphazard system, Los Angeles was able between 1904 and 1914 to improve nearly 500 miles of streets. These included hundreds of residential lanes and such north-south and east-west arteries as Central Avenue, Vermont Avenue, Adams Boulevard and Pico Boulevard. These routes were generally thirty to fifty feet wide and topped by a firm surface. By 1915 all of the main thoroughfares had paving of some sort.

But these improvements were soon overwhelmed by the increase in car ownership during the early 1920s. This increase prompted community leaders to press for studies as to how the street system could further be improved. Both the Automobile Club of Southern California in 1921 and the city's Traffic Commission in 1922 prepared plans for upgrading street layouts. The Board of Supervisors created a Los Angeles County Regional Planning Commission, also in 1922. But these were all less than comprehensive in coverage and findings.

In 1924 community leaders hired the firm of landscape architect Frederick Law Olmsted to prepare a survey of existing conditions and make recommendations for the improvement of the city's streets. This study, entitled *A Major Traffic Street Plan for Los Angeles*, covered what was then the extent of settlement. It reached to the south as far as Hyde Park and 110th Street, to the west as far as Beverly Hills, and to the southwest as far as Culver City.

Some of its recommendations followed older City Beautiful models. It suggested that Crenshaw Boulevard south of Wilshire Boulevard and Wilshire west of Crenshaw be developed as traditional parkways such as those constructed a generation earlier in Boston and Chicago. At the same time, the plan was foresighted enough to recommend parkways along the Arroyo Seco to Pasadena and through the Cahuenga Pass to the San Fernando Valley, which would serve both as pleasure drives and traffic arteries. Both the Arroyo Seco and the Cahuenga Pass Parkway proposals would find their way into later plans for the city's freeway system…

During the next six years Los Angeles worked to carry out the widening and straightening recommended by the Olmsted Plan. Within a year of the plan's publication the city's voters had approved a five million dollar bond issue and later accepted a special property tax for street improvements. The result was that, by the first years of the Great Depression of the 1930s, most of the arterial routes south of the Santa Monica Mountains had been identified and reconfigured as major distribution streets…

The Architecture of the Auto, 1910-1930
… In addition to new transportation infrastructure, proliferation of the automobile in the 1910s and 1920s also spawned a commercial enclave to the south and west of the central business district that was oriented around the sale, repair, and maintenance of cars. Capitalizing on the enhanced role that auto travel played, particularly in Southern California, several automobile manufacturers erected large, new showrooms and repair facilities along Figueroa and Flower Streets in what is now known as the South Park neighborhood. By the 1910s, the term "auto row" appeared in local newspapers and was used to describe the cluster of showrooms and associated businesses in the area. Throughout Downtown, multi-story "auto parks" were weaved into the central business district as early as the 1920s, providing patrons of department stores and other businesses with a convenient place to park their car while shopping. To entice motorists, many of these garages offered on-site services in addition to parking stalls. Some touted a rather robust menu of amenities including "a repair department manned by experts, a lubrication department, and a washing and polishing department … a complete accessory and tire department with direct factory representation … [and] a finely appointed ladies' lounge..."

Property Type: Car Showroom, 1920-1970
Buying an automobile was first done through a livery stable, carriage dealer, or bicycle shop. These early car vendors were businessmen who obtained a license to sell a particular brand of auto. Once purpose-built automobile dealerships began to appear, just before the First World War, they fit into the existing pre-automobile streetscape. They were essentially storefronts on a commercial street with a large entrance door and windows to show the product.

Unlike the service station, the showroom retained throughout the 1920s a central business district location and a traditional relationship to the street. The auto manufacturers chose to remain urban and to adopt the historicist styles that characterized the elite architecture of the city. Most potential customers did not yet own cars and therefore relied on public transportation to reach a dealership; the impressive revivalist architecture assured them of a reputable vendor.

The auto manufacturers first experimented with building what one historian has referred to as "object-lesson" salesrooms in certain cities to show locally-owned dealerships what could be done. These corporate-sponsored buildings were designed to resemble banks and first-class office buildings, clad in traditional styles. "Exteriors often sported bas-reliefs, grand ornamental cornices, and entrance porticoes, while inside cars were sold in elegant surroundings in large, opulent sales salons."

During the early twenties these urban dealerships began combining auto servicing and repair with sales. To fit onto their city sites they constructed multi-storied buildings complete with ramps and auto-sized elevators for access to the upper levels. The facades sported historicist detailing; generally the only feature on the street front that identified the building as an auto-service facility was the use of factory sash for the large windows on the upper floors. Unfortunately, these 1920s era center-city behemoths have almost vanished from Los Angeles. In Downtown Los Angeles several automobile manufacturers erected large, new showrooms and

repair facilities along Figueroa and Flower Streets in what is now known as the South Park neighborhood. As early as the 1910s the term "auto row" appeared in local newspapers and was used to describe the cluster of showrooms and associated businesses in the area…

By the mid-1930s, the auto showroom adopted the Streamline Moderne. In an attempt to encourage flagging sales during the Depression, some of the older downtown showrooms replaced their historicist ornament, at least at the showroom level, with abstract lines, curves, and circles. More important, however, was a rethinking of location for those few new dealerships that were built in the 1930s. Most potential customers already owned cars, so there was no need to be close to streetcar lines. Now ease of auto access and adequate parking were needed.

The auto showroom moved to the strip. Instead of remaining on a tight lot in the central or local business district, it placed itself on an arterial road that allowed it to spread horizontally. The common arrangement was a showroom in the front, complete with large expanses of glass, service bays to the rear, and adequate parking alongside for used cars and customer circulation. The showroom itself, with its expanses of glass, maintained its position directly on the street, without a setback. It was dressed in Streamline Moderne detailing, with an integral sign featuring the name and emblem of the brand sold within…

Though construction of new dealerships ceased during the Second World War, anticipating a surge of new car customers, the auto companies studied the problem of designing attractive facilities. As early as 1944, before the end of the war, there appeared Post-War Housing and Facilities for Studebaker Dealers by that now vanished brand. In 1945 Ford published Plans for New and Modernized Sales and Service Buildings. That same year General Motors held a "Design Competition for Dealer Establishments" and three years later issued Planning Automobile Dealer Properties based on the submissions to the competition.

These planning manuals carefully considered issues of location and design. Not only should dealerships be placed along arterials on large plots of land, a common practice since the 1930s, manuals decreed, but they should sit on the far side of an intersection on the homeward-bound side of a commuter route. Potential customers could have full view of the showroom while waiting for red lights and then, with free time after work, pull in and inspect the autos on display. There should be a procession of visual delights to greet customers: first the new cars, seen through a glare-free expanse of glass, and then the service wing, providing potential customers with the assurance of care in the future. The final element should be the used car lot, arranged with the best models in front.

Much of this advice came from studying the few dealerships that were built in the 1930s. But there were a number of subtle and not so subtle changes. A subtle change was the shrinking size of the showroom, with just a few of the best looking models on display, and the growing respectability of the parts and service department, with attractive counters and waiting areas. A not so subtle change was in the dealership's primary identifying sign. The sign in the 1930s, while an important design element,

tended to be integrated into the architecture. By the 1950s the sign often detached itself from the building and became a free-standing, and increasingly dominant, element.

During the first years of construction, in the late 1940s and early 1950s, auto showrooms were typically subdued Mid-Century Modern designs, with flat roofs and plain surfaces. The mammoth glass windows showing off the cars provided character…

Over the next fifteen years the most important design development was the separation of the sign from the structure. The detached sign occasionally took on Googie-like extravagance to attract attention, but generally the need to exhibit the brand emblem and name had precedence. The detached sign, enormous by earlier standards, was generally limited to serving as a giant billboard for the corporate logo.

This reticence extended to the showroom structure itself. The Googie style could occasionally be seen in an exaggerated roof line or a canopy extended over the service drive but this was relatively rare. The point was to call attention to the cars on sale and not to the architecture. The same was true when New Formalism, with its classicizing proportions and details, began to appear in the late 1950s and early 1960s. Again, the architecture was secondary to the merchandise and thereby kept subdued.

From the mid-1950s onward the most common architectural approach was to treat the showroom as a minimalist Mid-Century Modern container…

As with other auto-related building types, the auto showroom underwent a change after the mid-1960s in response to both growing conservatism and, more importantly, the changing nature of the automobile industry. To be sure, the showroom remained the place to purchase and service a car but increasingly as a structure showrooms retreated from the road, behind parking lots, and became less visible. Instead, motorists were greeted by row upon row of new cars parked outside, displayed like cans of soft drinks on a supermarket shelf.

This mode of selling required great amounts of space. Most of the existing dealerships simply were not large enough. The result was the abandoning of locations that, in 1950, seemed quite adequate for vast lots on the outskirts of development. This was accompanied by a massive reduction in the number of dealerships as American-made brands disappeared and those few remaining consolidated facilities. The showroom and the service bay took on a utilitarian form and only the dealer sign, free-standing and standardized for the brand, attracted attention.

HISTORIC RESOURCE ASSESSMENT

Because eligibility criteria for local HCM designation align in large degree with eligibility criteria for National and California Registers, the following evaluation considers eligibility under each of the criteria at federal, state and local levels under a single heading.

Criterion A/1/1: Is associated with events that have made a significant contribution to the broad patterns of our history and cultural heritage.
The subject property was evaluated under criterion A/1/1 for its association with its first tenant for whom the building was constructed, Spencer Kennelly, Inc., and the early history of the automobile in Los Angeles, specifically car showrooms. As established in this report, the history of the automobile industry is an important historic context in Los Angeles. SurveyLA provides the following eligibility standards for this property type:

- Originally constructed to sell, and often provide servicing for, the automobile
- Demonstrates convenient automobile access from the street
- Is an excellent example of the property type
- Contains design and site layout features that reflect the needs of selling and servicing the automobile
- Was constructed during the period of significance [1920-1970]

While the subject property meets two of the eligibility criteria, as it was constructed during the period of significance as an automobile showroom, it does not demonstrate automobile access from the street, it does not contain design or site layout features that reflect the needs of selling and servicing automobiles and is therefore not an excellent example of the property type. As the subject property does not meet the eligibility criteria, it is not significant as an early car showroom and it is therefore not eligible under criterion A/1/1. SurveyLA findings for the Central City CPA identified a number of properties that appear eligible as automobile showrooms, specifically another Chevrolet showroom a few blocks from the subject property at the corner of South Hope Street and 12th Street. Thus, there are better examples of the property type extant in the CPA.

Criterion B/2/2: Is associated with the lives of persons important in our past.
Although several individuals have been associated with the subject property, none rise to the level required to warrant consideration under Criterion B/2/2: association with the lives of persons important in our past. Spencer Kennelly and Henry Novisoff both seem to have managed successful businesses at the subject property. However, neither appear to have made a notable contribution to their field of selling used Chevrolet cars or selling tires, respectively. There is no evidence either person substantially changed the history of those fields. Therefore, the subject property is not eligible under criterion B/2/2.

Criterion C/3/3: Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual or possesses high artistic values.
While the building at the subject property was designed by John Montgomery Cooper, it does not appear eligible under criterion C/3/3. John Montgomery Cooper was a notable Los Angeles architect. He worked on a variety of properties throughout his career, including commercial, residential, and industrial properties. Several of his notable buildings are extant and listed in the National Register, including the Hollywood Knickerbocker Hotel, Grether & Grether Building, and Roxie Theater. In contrast to these other buildings, the subject property is very modestly-scaled without any recognizable architectural style and does not appear to be part of his important work. In addition, the subject property has been altered numerous times and no longer reflects its original architectural design.

Criterion D/4: Has yielded, or may be likely to yield, information important in prehistory or history.
The subject properties cannot be reasonably expected to yield information important in prehistory or history; therefore, they are not eligible under Criterion D/4.

Historic District
As noted above, a HPOZ "is any area of the City of Los Angeles containing buildings, structures, landscaping, natural features or lots having historic, architectural, cultural, or aesthetic significance." The subject property is not part of a distinguishable unified neighborhood or area. The surrounding neighborhood contains a mix of building uses, including residential, commercial, and industrial, from a variety of time periods, including a substantial amount of relatively new construction. There is no significant concentration, linkage, or continuity of sites, buildings, structures or objects united historically or aesthetically. In addition, there is not a strong sense of time of time and place. Therefore, there does not appear to be any potential National or California Register historic district or HPOZ to which the subject property could contribute.

ADJACENT AND NEARBY HISTORICAL RESOURCES

There are no identified historical resources located adjacent to the subject property. The closest historical resources, the Herald-Examiner Building at 1111 South Broadway (formally determined eligible for listing in the National Register, listed in the California Register and HCM #178) and Commercial Club Building at 1100 South Broadway (HCM #1075) are both located at the intersection of South Broadway and 11th Street. The Herald-Examiner Building is significant for its architectural design in a Mission Revival style designed by renown California architect Julia Morgan in 1913. The building is also significant for its association with William Randolph Hearst. The building's setting was not identified as a character-defining feature in an environmental document for an on-going project.[69] Constructed in 1925, The Commercial Club Building was designed by architects Curlett & Beelman, the building is significant for it Italian Revival architecture as well as for its association as the headquarters of the Commercial Club of Southern California. The building is also currently undergoing rehabilitation. Documentation of character-defining features did not identify the setting as a character-defining feature.[70]

SurveyLA did not identify any potential historical resources or potential historic districts in the vicinity of the subject property.

CONCLUSION

The subject property was evaluated in this report for potential historic and architectural significance. The building's history, as well as alterations, were researched and evaluated. While the subject property is an early example of a car showroom, the building does not meet eligibility criteria defined by SurveyLA for this property type. Therefore, the subject property does not appear eligible for listing in the National or California Registers or as an individual HCM under any of the applicable criteria. In addition, there does not appear to be any potential historic district to which the subject property could contribute. Therefore, the subject property does not qualify as a historical resource under CEQA and there would be no direct impacts to historical resources as a result of its demolition.

In addition, there do not appear to be any potential indirect impacts to historical resources as a result of the proposed development project. There are no identified historical resources immediately adjacent the subject property. Given the distance from the two identified historical resources and intervening buildings, the proposed project does not have potential to cause an indirect impact to the setting of the identified historical resources.

[69] Historic Resources Group, "Cultural Resources Technical Report; Proposed Herald-Examiner Project: Broadway, Hill Street & 12 Street Sites," February 206, 16-19.

[70] Urban Preservation & Planning, LLC, "Commercial Club Building Los Angeles, CA," presentation to City of Los Angeles Planning and Land Use Management Committee, September 9, 2014.

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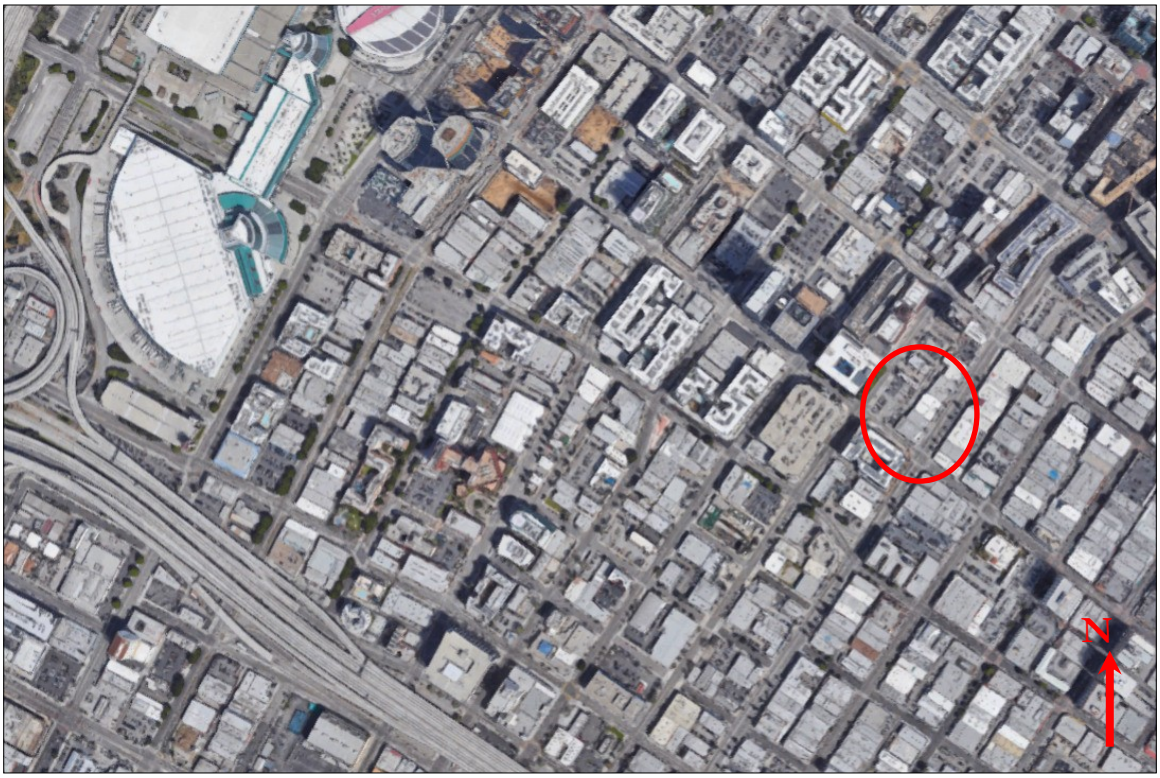
LSA Associates, Inc. "Draft Historic Context Statement; SurveyLA Industrial Development." Prepared for the City of Los Angeles, Department of City Planning, Office of Historic Resources, August 2011.

SurveyLA: Los Angeles Citywide Historic Context Statement. "Context: Commercial Development 1859-1980. Theme: Commercial Development and the Automobile: 1910-1970." Prepared for the City of Los Angeles Department of City Planning, Office of Historic Resources, August 2016.

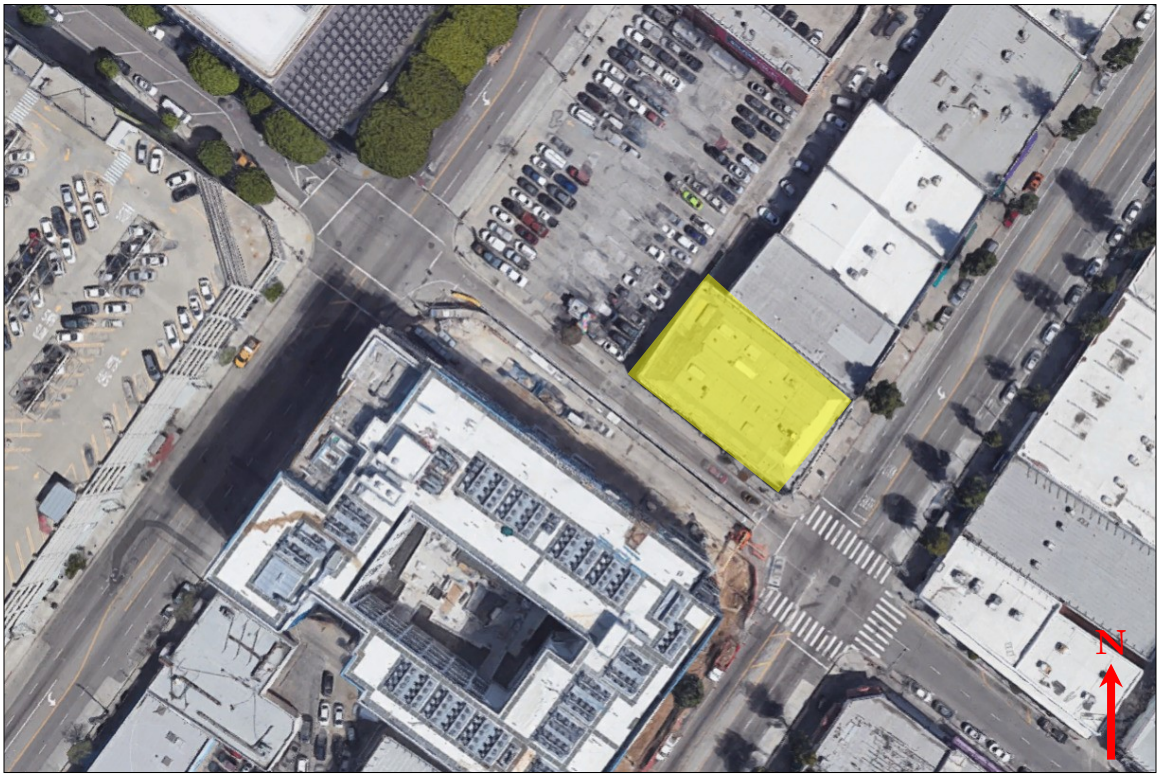
Websites

Find A Grave. Find A Grave. http://www.findagrave.com/cgi-bin/fg.cgi.

Attachment A: Maps

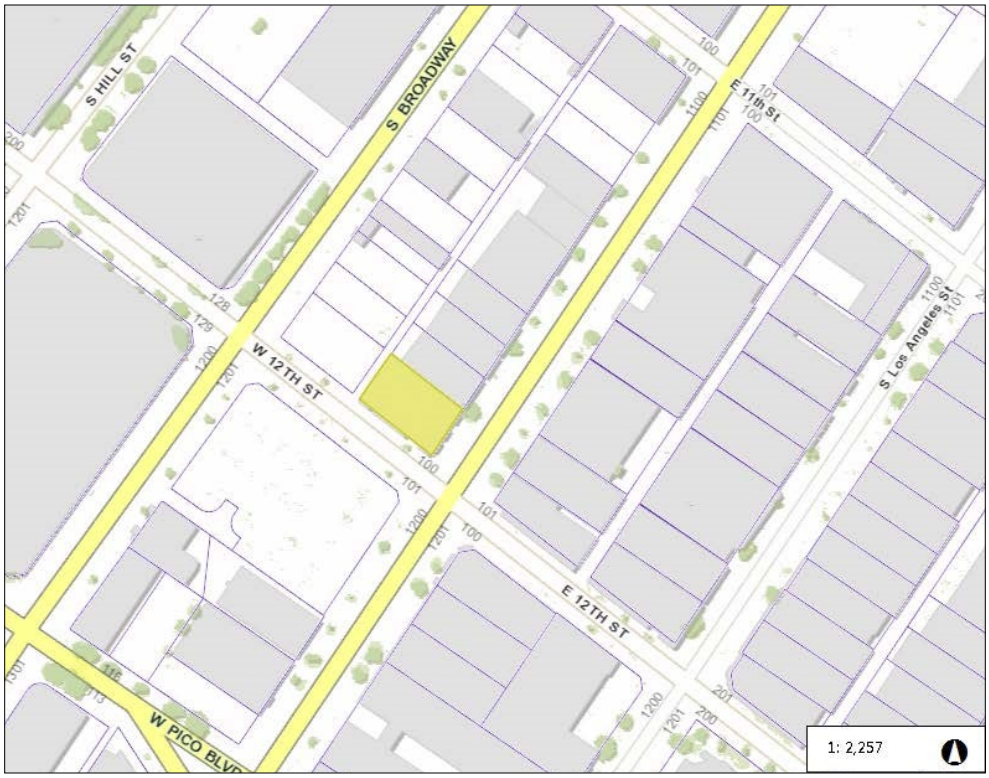


Map 1: Location map, subject property circled (Source: Google maps, 2019)



Map 2: Detail of location map, subject property highlighted yellow (Source: Google maps, 201)

Attachment A: Maps

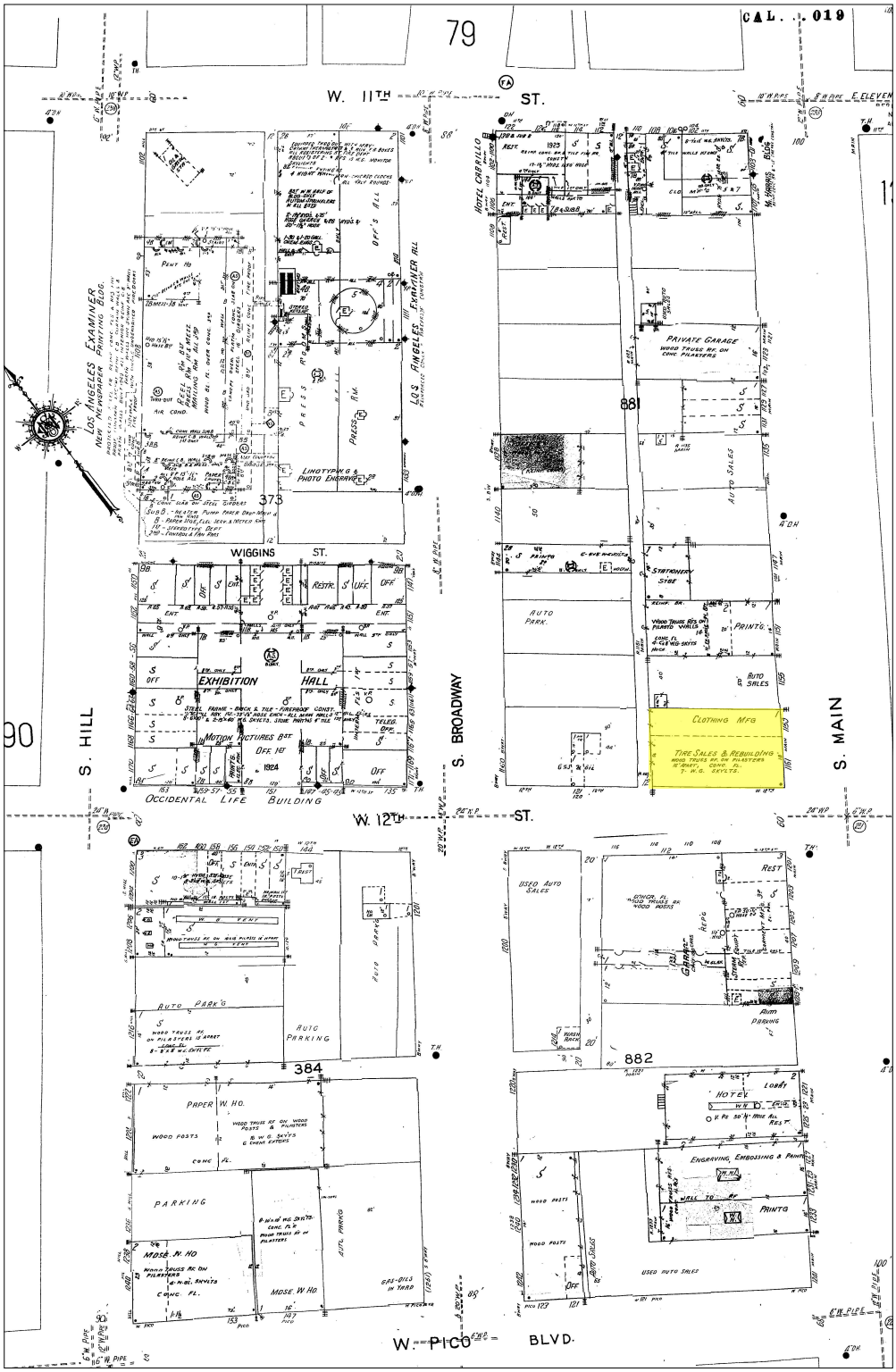


Map 3: Location map, subject property highlighted yellow (Source: Los Angeles County Assessor, 2019)



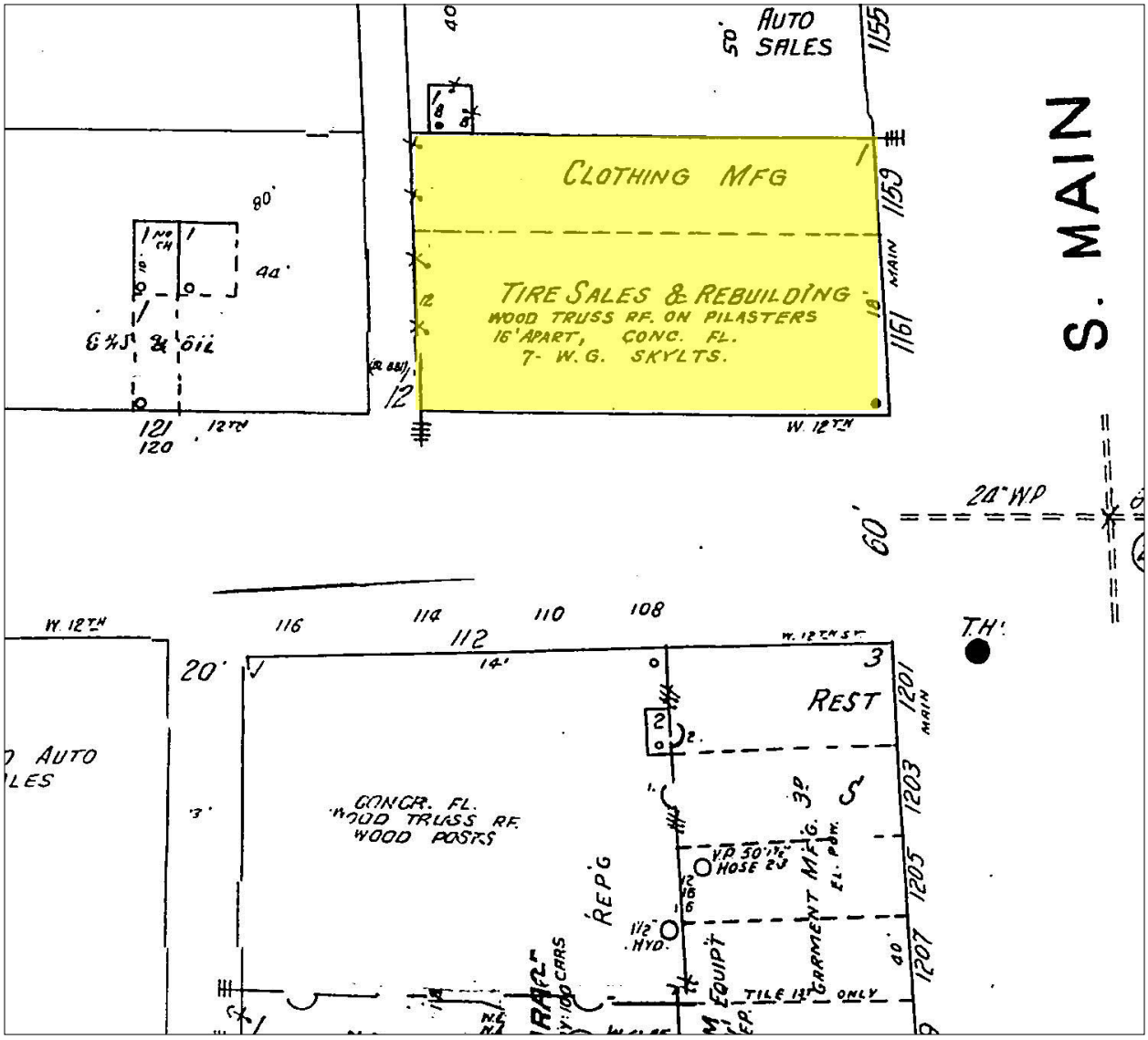
Map 4: Location map, subject property highlighted yellow (Source: Los Angeles County Assessor, 2019)

Attachment B: Historic Maps



Map 5: Sanborn Fire Insurance map, subject property highlighted yellow (updated to 1951)

Attachment B: Historic Maps



Map 6: detail of previous Sanborn Fire Insurance map, subject property highlighted yellow (updated to 1951)

Attachment C: Contemporary Photographs



Figure 1: 1159-1165 S. Main St., south elevation (left) and east elevation (right), view northwest (Snow, 2019)



Figure 2: 1159-1165 S. Main St., east elevation, view west (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 3: 1159-1165 S. Main St., east elevation, view southwest (Snow, 2019)



Figure 4: 1159-1165 S. Main St., south elevation (left) and east elevation (right), view northwest (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 5: 1159-1165 S. Main St., south elevation (left and center), east elevation (right), view northwest (Snow, 2019)



Figure 6: 1159-1165 S. Main St., west elevation (left) and south elevation (center and right), view northeast (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 7: 1159-1165 S. Main St., west elevation, view northwest (Snow, 2019)



Figure 8: 1159-1165 S. Main St., north elevation (left) and west elevation (left) view southeast (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 9: 1159-1165 S. Main St., interior of north-most commercial space, view west (Snow, 2019)



Figure 10: 1159-1165 S. Main St., interior of north-most commercial space, view east from mezzanine (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 11: 1159-1165 S. Main St., interior of north-most commercial space, view of shaft and skylight from mezzanine (Snow, 2019)



Figure 12: 1159-1165 S. Main St., interior of center commercial space, view west, note newel post (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 13: 1159-1165 S. Main St., interior of center commercial space, mezzanine, view north (Snow, 2019)



Figure 14: 1159-1165 S. Main St., interior of center commercial space, mezzanine vault, view north

Attachment C: Contemporary Photographs



Figure 15: 1159-1165 S. Main St., interior of corner commercial space, view southwest (Snow, 2019)



Figure 16: 1159-1165 S. Main St., interior of corner commercial space, view west of mezzanine (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 17: 1159-1165 S. Main St., interior of corner commercial space, view east of stairs from mezzanine (Snow, 2019)



Figure 18: 1159-1165 S. Main St.., Twelfth Street commercial space, view west (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 19: 1159-1165 S. Main St.., Twelfth Street commercial space, view southwest (Snow, 2019)



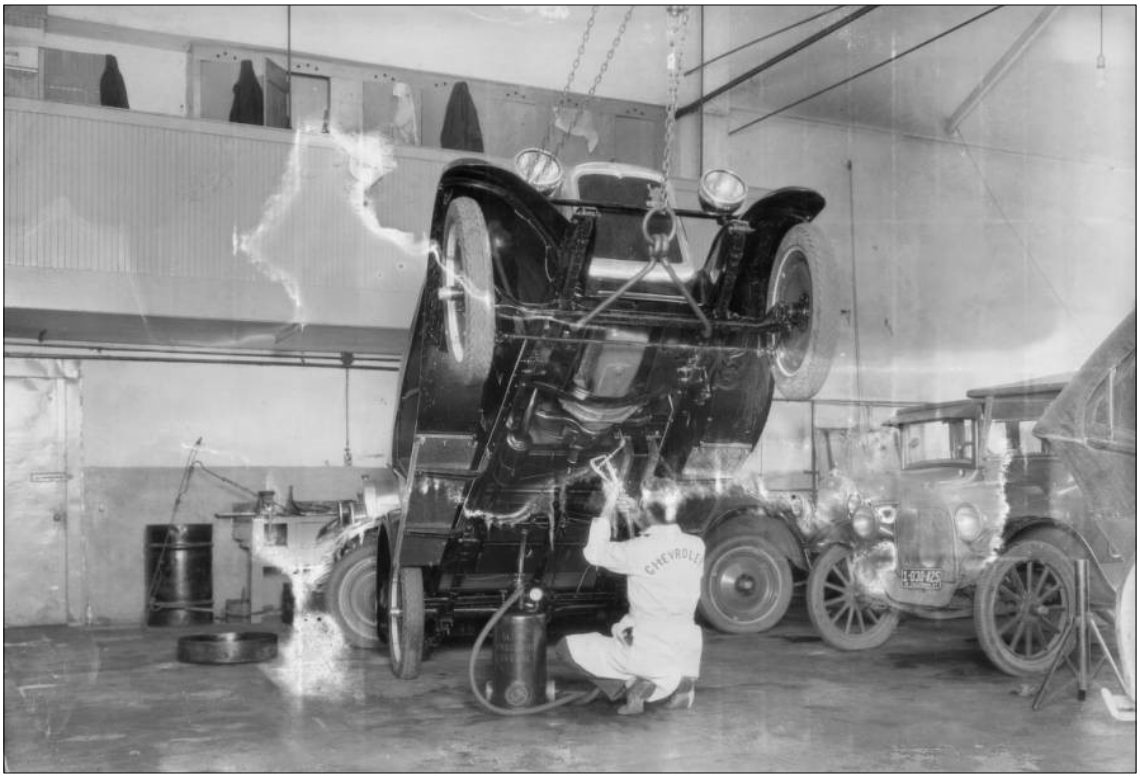
Figure 20: 1159-1165 S. Main St.., Twelfth Street commercial space, view east (Snow, 2019)

Attachment C: Contemporary Photographs



Figure 21: 1159-1165 S. Main St.., Twelfth Street commercial space, view west (Snow, 2019)

Attachment D: Historic Photographs



Historic Photograph 1: 1159-1165 S. Main Street, interior (USC, 1927)



Historic Photograph 2: 1159-1165 S. Main Street, interior (USC, 1927)

Attachment D: Historic Photographs



Historic Photograph 3: 1159-1165 S. Main Street, interior (USC, 1927)

Attachment E: Table of Permits

Date	*Permit No.*	*Work*	*Owner*	*Architect/Engineer*	*Contractor*	*Valuation*
6/13/1921	13318	Concrete foundation 72.4' x 119.8'	Huntington Land & Improvement Co. - address: Pacific Electric Building	J M Cooper	J M Cooper - 334 Marsh Strong Building	300
6/18/1921	13845	Erect one story building 72'4" x 119'8" 21 ft high	Huntington Land & Improvement Co. - 1155 S Main	J M Cooper	J M Cooper - 334 Marsh Strong Building	20,000
8/11/1921	18968	Steel framework for electric sign on roof	Spenser Kennelly	J M Cooper	Philip Friedman & Son - Pacific Blvd & 50th St	100
5/4/1928	12943	**Mostly illegible. Removing show window.	Perfect Made Tire Company - 1161 South Main	n/a	Perfect Made Tire Company	150
7/20/1939	28465	Reroof with composition roof	Huntington Land & Improvement Co. - 1042 L.A. Railway Building	n/a	Strong Roofing and Insulation Company - 710 S Garfield, Alhambra	475
12/29/1953	LA77004	Parapet correction along Main St, 12th St, and rear alley	Henry J Novisoff - 1161 South Main	n/a	Orville A Smith - 14315 Lemoli Ave, Hawthorne	1495
7/13/1955	LA18636	Installation of two single face wall signs	U.S. Rubber Company (Novisoff & Sons) - 1161 South Main St	n/a	Electrical Products Corporation	843
6/30/1972	53561	2x3 projecting sign	Novisoff & Son - 1161 South Main St	B.L. Prenovich	Alert Signs	200

Attachment E: Table of Permits

Date	*Permit No.*	*Work*	*Owner*	*Architect/Engineer*	*Contractor*	*Valuation*
6/30/1972	53562	4x12 and 1x9 roof sign	Novisoff & Son - 1161 South Main St	B.L. Prenovich	Alert Signs	1100
1/15/1976	19738	5 x 8 existing roof sign, replace same size sign copy	Winston Tires - 1161 South Main St.	Prenovich	Local Neon	800
9/23/1986	46567	Full compliance with Div. 88	Young G. & Sue Ok Joo - 1766 Griffith Park Blvd, LA 90006	(e) M.G. Vahdani & Associates	M.G. Vahdani & Associates - 217 S. Orange, Glendale	54,000
10/14/1986	48082	Change of contractor on LA46567	Young G. & Sue Ok Joo - 1766 Griffith Park Blvd, LA 90006	(e) M.A. Vahdani & Associates - 217 S. Orange, Glendale	Kyung Nam Construction Inc.	201
11/14/1986	50693	New interior partition walls w/ toilets	Young G Joo – 1766 Griffith Park Blvd	n/a	Kyung Nam Construction	12,000
4/6/1987	62123	151" x 171" wall sign - individual letters	Howard Lee - 11565 Main St, LA 90015	Edward Young Joo - 10105 Kingsley Dr, LA 90006	Edward Joo - 1010 S. Kingsley Dr, LA 90006	4296
6/18/1987	68340	Interior partitions	Winston Tire / Howard Lee – 1161-65 South Main St, LA 90015	n/a	George Priest – 5823 Camino Pinzon, Anaheim 92807	4500
10/13/1993	93VN27931	2 3'x12' wall signs	Winston Tire - 1161-65 South Main St, LA 90015	David Ehrlich	Manchel & Company - 16317 Devonshire St, Granada Hills 91344	5976

Attachment E: Table of Permits

Date	*Permit No.*	*Work*	*Owner*	*Architect/Engineer*	*Contractor*	*Valuation*
5/11/2000	00VN72177	Convert existing 71' x 82' retail store into four separate tenant spaces	Joo, Young G and Soon O - 5304 Ivafern Ln, La Canada 91011	n/a	n/a	47,000
6/13/2000	00VN74012	Transfer of permit to TDB. License #: B 757106	Joo, Young G and Soon O - 5304 Ivafern Ln, La Canada 91011	n/a	Yang Jaiyong – 2218 Pickwick Place, Fullerton 92833	0
7/13/2000	00LA01403	Revise work description on 00VN72177 for tenant improvement w/ new partition walls for 1 tenant only	Joo, Young G and Soon O - 5304 Ivafern Ln, La Canada 91011	n/a	Yang Jaiyong – 2218 Pickwick Place, Fullerton 92833	301

Attachment F: Table of Tenants

1161 S. Main

Year	
1922	Chevrolet Auto Car, Southwestern Motor Co Distributors Julius Schlosser Pres and Mgr, Harry W. Bader V-Pres, F W Pasley Sec-Tres., Distributors Chevrolet Auto Cars and Used Cars
	P G Rogers, Confectioner
	No entry
1923	Chevrolet Auto Cars, Kennelly Spencer Inc. Distributors
1925	Kennelly Spencer Inc. Spencer, Kennelly Pres, Julius L. Schlosser V-Pres-Mgr, F W Pasley Sec-Tres, Distributors Chevrolet Auto Cars and Used Cars, Branch 961 S. Olive
1927	Kennelly Spencer Inc., Spencer Kennelly Pres, Julius L. Schlosser V-Pres-Mgr, Carrie B. Feely Sec, Distributors Chevrolet Auto Cars and Used Cars, Used Car Dept 1153 S. Main (Spenser Kennelly lived at 677 S. Bronson Ave)
1930	Perfect Made Tire Co. 908 S. Central av, 965 and 1161 S. Main (H.J. Novisoff)
1935	Perfect Made Tire Co (H.J. Novisoff)
1940	Perfect Made Tire Co (Thos and Henry Novisoff)
1942	Perfect Made Tire Co (Henry and Thos Novisoff)
1956	Novisoff & Sons Tire Co, Perfect Made Tire Co
1960	Novisoff & Sons Tire Co, Perfect Made Tire Co
1965	Novisoff-Sons Tire C, L A. Tire Whsle
1973	Novisoff & Sons Tire Co
1987	Winston Tire Company

1159 S. Main

Year	
1922	P G Rogers, Confectioner
1925	Jos Collins, drugs, r316 ½ Myrtle
1927	Jos Collins, drugs, 1220 S. Olive
1929	Benj Goldenberg (Lena) furn, r 1100 S Manhattan pl
1930	Benj Goldenberg 2d hd furn, h65 Thornton av
1934	Andrew F Limper (Marie) restr, h 124 S. Lafayette Park pl
1936	Andrew F Limper (Marie) restr, h 124 S. Lafayette Park pl
1938	Jas N Tilton restr, r145 W 15th
1939	A F Limper
1940	A F Limper
1956	Crest Embroidery Co.
1960	Crest Embroidery Co.
1965	No entry
1973	Frank's Discount Store
1987	No entry

APPENDIX C2:

ARCHAEOLOGICAL RESOURCES

Dudek,
Archaeological Resources Recommendations for the Main Street Tower Project, Los Angeles, California
March 2019.

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38 NORTH MARENGO AVENUE
PASADENA, CALIFORNIA 91101
T 626.204.9800 F 626.204.9834

Daniel Taban
Jade Enterprises, LLC
888 South Figueroa Street, Suite 1900
Los Angeles, California 90017

Subject: ***Archaeological Resources Recommendations for the Main Street Tower Project, Los Angeles, California***

Dear Mr. Taban:

This letter provides a summary of archaeological resources management recommendations for the Main Street Tower (Project), located at 1123-1165 South Main Street, bound by 12th Street to the southwest commercial properties and associated parking lots to the northwest, two apartment buildings to the northeast, and South Main Street to the southeast in Los Angeles, California (Attachment A: Figure 1). The City of Los Angeles (City) is the lead agency responsible for compliance with the California Environmental Quality Act (CEQA). The Project proposes a new mixed-use development on a site located in the Central City North Community Plan area of the City of Los Angeles. The Project would include a 30-story development, with 363 apartments above a four-story podium with 12,500 square feet of retail. The Project falls on public land survey system (PLSS) area Township 1 South, Range 13 West, within an unsectioned portion of the *Hollywood*, CA 7.5-minute USGS Quadrangle (Attachment A: Figure 2).

RECORDS SEARCH INFORMATION

A California Historical Resources Information Systems (CHRIS) records search for the Project site and a 0.5-mile records search radius was performed by Dudek at the South Central Coastal Information Center (SCCIC) on January 31, 2019. This search included their collections of mapped prehistoric, historic, and built environment resources, Department of Parks and Recreation (DPR) Site Records, technical reports, and ethnographic references. Additional consulted sources included historical maps of the project area, the NRHP, the CRHR, the California Historic Property Data File, and the lists of California State Historical Landmarks, California Points of Historical Interest, and the Archaeological Determinations of Eligibility. The results of the records search are presented in Confidential Appendix A.

Previously Conducted Cultural Resource Studies

Results of the cultural resources records search indicated that 38 previous cultural resource studies have been conducted within the records search area between 1978 and 2017. None of the studies identified

overlap the Project site. Table 1, below, summarizes all 38 previously conducted cultural resource studies within the 0.5-mile record search area.

Table 1. Previous Technical Studies Within 0.5-Mile of the Project Site

SCCIC Report No.	Authors	Date	Title	Within or Outside Project Site
LA-00483	R. Wlodarski and R. Greenwood	1978	Archaeological Resources Survey; The Proposed Downtown People Mover Project Corridor Area	Outside
LA-04097	Myra L. Frank & Associates, Inc.	1995	Council District nine Revitalization/Recovery Program Final Environmental Impact Report SCH# 94081017	Outside
LA-04464	Lerch, Michael K.	1998	(Voided) Cultural Resources Inventory and Evaluation of the Ixc Carrier, Inc. Fiber optic Longhaul Project From Henderson, Nevada to Los Angeles, California	Outside
LA-04559	Duke, Curt	1999	Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 625-07, in the County of Los Angeles, California	Outside
LA-04836	Science Applications International Corporation	2000	Phase 1 Archaeological Survey Along Onshore Portions of the Global West Fiber Optic Cable Project	Outside
LA-04901	Duke, Curt	2000	Cultural Resource Assessment for AT&T Wireless Services Facility Number, R281.1, County of Los Angeles, California	Outside
LA-05077	Duke, Curt	2000	Cultural Resource Assessment for Sprint Pcs Facility La35xc768c (Desmond Building), Located in the County of Los Angeles, Ca	Outside
LA-06394	Milosfsky, Michali	1990	California Theater, Historic Structures Report	Outside
LA-06410	Christy, Juliet L.	2001	Archaeological Survey, South Central Los Angeles High School No. 3, Los Angeles, California.	Outside
LA-06438	Duke, Curt	2000	Cultural Resource Assessment for AT&T Wireless Services Facility Number, R280.2, County of Los Angeles, California	Outside
LA-06451	Duke, Curt	2000	Cultural Resource Assessment for Pacific Bell Wireless Facility Sm 006-02, County of Los Angeles, California	Outside
LA-06453	Duke, Curt	2002	Cultural Resource Assessment Cingular Wireless Facility No. Sm 139-02 Los Angeles County, California	Outside
LA-06460	Duke, Curt and Judith Marvin	2002	Cultural Resource Assessment Cingular Wireless Facility No. Sm204-02, Los Angeles County, California	Outside
LA-08013	McKenna, Jeanette A.	2006	Cultural Resources Investigations for the Proposed City House Los Angeles (LLC), and the Olympic on Grand (LLC) Properties in the City of Los Angeles, Los Angeles County, California.	Outside

Table 1. Previous Technical Studies Within 0.5-Mile of the Project Site

SCCIC Report No.	Authors	Date	Title	Within or Outside Project Site
LA-08019	Galvin, Andrea	2004	Historic Architectural Survey and Section 106 Compliance for a Proposed Wireless Telecommunications Service Facility Located on a Commercial Building at 1147 Julian Street in the City of Los Angeles, (los Angeles County), California	Outside
LA-08263	Wood, Catherine M.	2007	Archaeological Survey Report for the New carver Apartments Project Located at 325 W. 17th Street. Los Angeles, California.	Outside
LA-08753	Bonner, Wayne H.	2006	Cultural Resources Records Search Results and Site Visit for T-Mobile Candidate La03101d (1240 Main Street), 1240 South Main Street, Los Angeles, Los Angeles County, California	Outside
LA-08760	Bonner, Wayne H.	2006	Cultural resources records Search and Site Visit Results for T-Mobile Candidate SV11002H (Cameron), 1349 South Flower Street, Los Angeles County, California.	Outside
LA-09154	Bonner, Wayne H.	2007	Direct APE Historic Architectural Assessment for T-Mobile Candidate SV11002F (Pico/Flower), 1315 South Flower Street, Los Angeles, Los Angeles County, California.	Outside
LA-09539	Bonner, Wayne H.	2008	Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate SV11003K (Telacu Plaza), 1033 South Hope Street, Los Angeles, Los Angeles County, California	Outside
LA-09544	Bonner, Wayne H.	2008	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate SV11002I (Edwards Building), 1200 South Hope Street, Los Angeles, Los Angeles County, California.	Outside
LA-10127	Chattel, Robert	1996	California Lutheran Hospital (California Hospital Medical Center) Los Angeles, California. Historic and Contemporary Photographs.	Outside
LA-10262	Bonner, Wayne H.	2010	Cultural Resources Records Search and Site Visit Results for Clearwire Candidate CA-LOS5988A/CA5629 (Basement Clothing), 1200 South Hope Street, Los Angeles County, California.	Outside
LA-10542	Grimes, Teresa	1998	Historic Architectural Survey and Evaluation Report and Finding of No Adverse Effect	Outside
LA-10772	Hatheway, Roger	1979	Historic Eligibility Determination Letter	Outside
LA-10816	Robinson, Mark	2006	Archaeological Survey Report for the YWCA Job Corps Urban Campus Project, 1016-1038 Olive Avenue, Los Angeles, California.	Outside
LA-10860	Robinson, Mark	2007	Exposition Corridor, Light Rail Transit Project; Construction Phase Cultural Resources Monitoring and Treatment Plan	Outside

Table 1. Previous Technical Studies Within 0.5-Mile of the Project Site

SCCIC Report No.	Authors	Date	Title	Within or Outside Project Site
LA-10981	Hatoff, Brian	2010	Verizon Cellular Communications Tower Site - AEG Petroleum Building, 714 West Olympic Boulevard, Los Angeles, CA 90015 - Results of Architectural History Survey for Verizon Cellular Communications Tower Site	Outside
LA-10982	Hatoff, Brian	2010	Verizon Cellular Communications Tower Site - ABM Industries IBR, 1150 South Olive Street (APN: 5139-019-038), Los Angeles, CA 90015.	Outside
LA-11495	Loftus, Shannon	2011	Cultural Resource Records Search and Site Survey	Outside
LA-11649	Kaplan, David and O'Connor, Pam	2004	Evaluation of Proposed Demolition of Stationers Building, 525 South Spring Street, Stationers Annex, 523 South Spring Street on the Spring Street Financial Historic District	Outside
LA-12045	Bonner, Wayne H.	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate LA02204A (SM204 816 South Grand), 816 South Grand Avenue, #818 Los Angeles, Los Angeles County, California	Outside
LA-12172	Bonner, Wayne and Crawford, Kathleen	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate LA03619A (SC619 Emil Brown Building), 300 East 9th Street, Los Angeles, Los Angeles, County, California	Outside
LA-12174	Bonner, Wayne H.	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate SV11002I (Edwards Building), 1200 South Hope Street, Los Angeles, Los Angeles County, California.	Outside
LA-12177	Bonner, Wayne H.	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate SV11003K (Telacu Plaza), 1033 South Hope Street, Los Angeles, Los Angeles County, California.	Outside
LA-12179	Bonner, Wayne and Crawford, Kathleen	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate LA02139A (SM139 1601 Los Angeles St) 1601 Los Angeles Street, Los Angeles, Los Angeles County, California	Outside
LA-12584	Rogers, Leslie	2013	Initiation of Section 106 Consultation for the Restoration of Historic Streetcar Service in Downtown Los Angeles.	Outside
LA-13239	Gust, Sherri	2017	Extent of Zanja Madre	Outside

LA-13239 (Gust 2017)

This review of SCCIC records search and archival information, completed by Cogstone Resource Management, Inc. in 2017, resulted in a map of the likely alignments associated with the historic-period

Zanja Madre water conveyance system network throughout the City of Los Angeles (Gust 2012). Cogstone mapped the likely route of two segments of the zanja network near the Project site. One segment is mapped as running roughly south along or near Los Angeles Street approximately 0.19 to the east and one segment is mapped as running roughly south along or near Olive Street approximately 0.25 miles to the west. These zanja segments have been identified by Gumprecht (2001: 77) as Zanja No. 8 and Zanja No. 5, respectively. While the Cogstone study provides a valuable review of available documentation pertaining to this historic water conveyance feature, the existing information does not provide evidence indicating that these features are present within the Project site. Specific restrictions to the accuracy of this study were presented by the age and generalized quality of the records representing the route of the feature, the absence of physical evidence confirming a specific route of Zanja No. 8 or Zanja No. 5 adjacent to or within the Project site, and the degree of urbanization that has occurred in the more than 100 years since the zanja network was abandoned (Gumprecht 2001). The Cogstone study includes reference to three DPR forms or other records (P-19-003103, P-19-004113, and P-19-0190309) documenting occurrences where segments of the Zanja Madre have been previously encountered. The P-19-004113 DPR form documents the nearest recorded segment of the Zanja Madre (approximately 1.5 miles northwest), which was encountered in 2008 approximately 2 feet below the ground surface on East Temple Street, between North Alameda Street and North Garey Street. The record for P-19-003103 includes documentation of a segment identified near the intersection of North Broadway and Cottage Home Street in 2002; four segments encountered 2 feet below the western sidewalk of Alameda Street, between Ord Street and Alpine Street, in 2011; and two segments and an associated builder's trench encountered 15 feet below the current ground surface at Blossom Plaza in 2014. P-19-0190309 is a 2009 NRHP Nomination form for a 75 foot segment of this feature that was encountered in 2005, southwest of the intersection of Broadway and Bishops Road. The State Historic Preservation Office (SHPO) response was attached to this form, which indicated that the analysis appeared incomplete, and the nomination has since been withdrawn.

Previously Recorded Cultural Resources

SCCIC records indicate that a total of 47 previously recorded cultural resources fall within the records search area, none of which are within the Project site. Of these, 46 are historic-era buildings or structures. The remaining resource consists of a historic-era trash deposit (P-19-002454). Table 2 summarizes all previously recorded resources identified during the CHRIS record search. Confidential Appendix A includes the complete SCCIC records search results, including information related to historical buildings. No prehistoric sites or resources documented to be of specific Native American origin have been previously recorded within a 0.5-mile of the Project site. No resources identified within the records search area are documented in association with historic-era zanja features, which has been represented on historical maps to have run 0.25 miles west of the Project site. No physical evidence of

the zanja system has been documented to date in the vicinity. A brief history and explanation of the zanja system is provided below.

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
002545	Historic	Site	Historic Trash deposit	2012 (S. Underbrink, TRC Solutions, Inc.)	Outside
166884	Historic	Building	710-714 S Broadway Los Angeles	1977; 1983 (Starzak, Richard, Roger G. Hatheway & Assoc.)	Outside
166885	Historic	Building	F.W. Woolworth Building; 719 S Broadway Los Angeles; HRI 020806	1977; 1983 (Richard Starzak, Louis Joyner, Roger G. Hatheway & Associates); 1983 (Starzak, Richard and Louis Joyner, Roger G. Hathaway & Associates)	Outside
166886	Historic	Building	Isaacs Building; 737-747 S Broadway Los Angeles; HRI 020807	1977 (Unknown)	Outside
166887	Historic	Building	Morosco Theater/Garland Theater/ Globe Theater; 744 S Broadway Los Angeles; 020808	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166888	Historic	Building	Los Angeles Investment Co, Champan Building; 756 S Broadway Los Angeles; HRI 020809	1976 (D. Smith & T. Sitton, Natural History Museum)	Outside
166889	Historic	Building	Singer Building; 806 S Broadway Los Angeles; HRI 020810	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166890	Historic	Building	Rialto Theater; 812 S Broadway Los Angeles; HRI 020811	1976; 1983 (Starzak, Richard, Roger G. Hatheway & Associates)	Outside
166891	Historic	Building	Apparel Center Building/ Wurlitzer Building; 814 S Broadway Los Angeles; HRI 020812	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166892	Historic	Building	Braun Building; 820-822 S Broadway Los Angeles; ; HRI 020813	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166893	Historic	Building	Orpheum Theater Building; 842 S Broadway Los Angeles; HRI 020814	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166894	Historic	Building	Eastern-Columbia Building; HRI 020815	Dennis Smith-Tom Sitton (1976); Christy J. McAvoy (1992)	Outside

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
166895	Historic	Building	Ninth and Broadway Building; 850 S Broadway Los Angeles; HRI 020816	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166898	Historic	Building	Tower Theater; 800-802 S Broadway Los Angeles; ; HRI 020819	(Christy Johnson, Historic Resources Group); 1976 (Tom Sitton, Natural History Museum)	Outside
166907	Historic	Building	Anjac Fashion Building/ Platt Music Co. Building; 830 S Broadway Los Angeles; HRI 020828	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166910	Historic	Building	Newmark Building; Pavmalee Buildings; 714-720 S Broadway Los Angeles; HRI 020832	1983 (Starzak, Richard, Loius Joyner, Roger G. Hatheway & Associates)	Outside
166911	Historic	Building	Barker Brothers Building; 722-728 S Broadway Los Angeles	1983 (Starzak, Richard, Roger G. Hatheway & Associates)	Outside
166919	Historic	Building	Cheney Block; 731-733 S Broadway Los Angeles; HRI 020841	1983 (Starzak, Richard, Roger Hatheway & Associates)	Outside
166921	Historic	Building	Broadway Theater and Commercial District; 300-849 S Broadway Los Angeles	1977 (Tom Sitton, Natural History Museum); 1977 (Tom Sitton, Los Angeles County Museum of Natural History); 1998 (Christy Johnson, Historic Resources Group)	Outside
166923	Historic	Building	Wurlitzer Building; Broadway Leasehold Co. Building; HRI 020846	Richard Starzak (1983)	Outside
166924	Historic	Building	United Artists Theatre; California Petroleum Building; Texas Co. Building; HRI 020847	Richard Starzak and Leslie Heumann (1983)	Outside
166929	Historic	Building	The Friday Morning Club; Variety Arts Center; NRHP Nomination Form	Marvin A. Brown/ Los Angeles Conservancy (1983)	Outside
166943	Historic	Building	Lyons Apartments	Tom Sitton (1976)	Outside
166981	Historic	Building	Spring Street Financial District; 354-704 South Spring Street	1977 (T. Sitton, Natural History Museum); 2005 (David Greenwood)	Outside
166999	Historic	Building	Los Angeles Herald Examiner Building; NRHP Nomination/Registration Form & inclusion into NR	Jennifer Schroder and Teresa Grimes/Los Angeles Conservancy (1991)	Outside

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
167275	Historic	Building	Garfield Building; 403 W 8th St Los Angeles; HRI 021232	1982 (M. Weil, Charles Kober Associates)	Outside
167316	Historic	Building	Federal Reserve Bank of San Francisco, Los Angeles Branch; HRI 021282	Hatheway & Associates (1983); Marvin A. Brown (1984)	Outside
167509	Historic	Building	Southern California Flower Market; 755 S Wall St Los Angeles 90014	1980 (Michael Tanji, Ethnic Minority Cultural)	Outside
172148	Historic	Building	Bristol Hotel/Woodward Hotel; 423 W 8th St Los Angeles	1976 (Sitton, Tom, Natural History Museum)	Outside
173054	Historic	Building	Security Pacific National Bank; Petroleum Building/Petroleum Securities Building; includes DOE Form; Eligible for NR inclusion	Roger G. Hatheway (1979); URS Corp. (2010)	Outside
173111	Historic	Building	Figueroa Hotel; Hotel Figueroa	Roger Hatheway and John Chase (1978); Richard Starzak and Leslie Heumann (1983)	Outside
173112	Historic	Building	Blow-up Boutique - Vacant	Roger Hatheway and John Chase (1978)	Outside
173175	Historic	Building	United States Post Office, Metropolitan Station; Blackstone's Dept. Store; Famous Dept. Store; HRI #027243	Richard Starzak and Leslie Heumann (1983)	Outside
173176	Historic	Building	Anjac Fashion Building; Western Costume Building; 939 S. Broadway Building; HRI #027244	Richard Starzak and Leslie Heumann (1983)	Outside
173178	Historic	Building	Los Angeles Transit Building; Los Angeles Railway Corp. Building	Richard Starzak and Leslie Heumann (1983)	Outside
173179	Historic	Building	Job Corps Center Y.[M].C.A.; Commercial Club; HRI 027247	Richard Starzak and Leslie Heumann (1983)	Outside
173204	Historic	Building	Gerry Building; 910 S Los Angeles St Los Angeles 90015	2002 (T. Grimes)	Outside
173227	Historic	Building	National City Bank Building; 810 S Spring St Los Angeles; HRI 027295	1983 (R. Starzak & L. Heumann, Hatheway & Associates)	Outside
173243	Historic	Building	Commercial Exchange Building; 416-436 W 8th St Los Angeles 90014	1983 (Richard Starzak, Leslie Heuman, Hatheway & Associates)	Outside

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
186735	Historic	Building	1601-1613 S. Los Angeles Street; 3-story commercial building; HRI 131315	Judith Marvin and Jay and Jay Michalsky (2002)	Outside
187003	Historic	Building	816 S Grand Ave Los Angeles	1998 (C. McAvoy, HRG); 2004 (W. Hills, Architectural Resources Groups)	Outside
187460	Historic	Building	4000 S San Pedro St Los Angeles 90011; HRI 151960, 020962	Galvin, Andrea (2004)	Outside
187866	Historic	Building	Grand Avenue Club	Jeanette A. McKenna (2006)	Outside
188478	Historic	Building	Edwards Building; 1200 S. Hope Street	K. A. Crawford (2008)	Outside
188904	Historic	Building	YMCA Job Corps Urban Campus; 1016-1038 S. Olive Street	Christopher J. Hetzel (2006)	Outside
189239	Historic	Building	ABM Industries Building;	URS Corp. (2010)	Outside
189864	Historic	Building	White Building; 1600-1616 S. Broadway; Multi-family property	Shannon L. Loftus (2011)	Outside

NATIVE AMERICAN CORRESPONDENCE

Native American Heritage Commission Sacred Lands File Search

As part of the process of identifying cultural resources within or near the Project, Dudek contacted the Native American Heritage Commission (NAHC) to request a review of the Sacred Lands File (SLF) on January 29, 2019. The NAHC emailed a response on January 31, 2019, which indicated that the SLF search was completed with negative results. Because the SLF search does not include an exhaustive list of Native American cultural resources, the NAHC suggested contacting Native American individuals and/or tribal organizations who may have direct knowledge of cultural resources in or near the Project. The NAHC provided the contact information of ten individuals and/or tribal organizations with whom to contact along with the SLF search results. No additional tribal outreach was conducted by Dudek. Documents related to the NAHC SLF search are included in Attachment C.

OVERVIEW OF THE ZANJA SYSTEM

The zanja network was Los Angeles' original irrigation system, and the network is thought to have run throughout the city in various branches, predominantly along major roads. The water conveyance system

consisted of interconnected ditches known as "zanjas" and was established in 1781 at the same time that El Pueblo de la Reyna de Los Angeles (The Town of Los Angeles) was founded. The first segment of the system was known as the Zanja Madre, and is thought to have run from a point on the Los Angeles River north of the city, south near present-day Main Street, originally terminating near the Plaza close to present-day Union Station (Gumprecht 2001: 58). The Zanja Madre was eventually extended south along Los Angeles Street until reaching East 1st street. Though researchers and the public often use the term "Zanja Madre" to refer to the larger water conveyance network, this term more accurately describes just the initial component established during the Spanish Period. The segments that were added on later were numbered and grouped based on what part of the city they reached and from where on the Los Angeles River they drew water. The size of Los Angeles did not necessitate an expansive system for the first half of the nineteenth century, and there were only three additional segments by 1849. As the city rapidly grew, water become a growing concern particularly because much of the land was agricultural and irrigation was crucial to farmers' success. As a result, several new zanja segments were constructed after 1855 (Gumprecht 2001: 58-61).

By 1870, the Zanja Madre, being the most important canal in the system, was maintained at a width of ten feet along its entire length, and eight other zanja segments had also been built within the city (Gumprecht 2001: 61). By the late nineteenth century, there were a total of 19 zanja segments. As the city became more populated and more open zanjas were built throughout the city center, an increasing number of fatal drownings began to occur. Another concern surrounding the zanjas was their use as waste disposal and for bathing and laundry by many in the fledgling city (Gumprecht 2001: 62-63; Sklar 2008: 19). This fact led to dysentery and other health problems becoming a common problem in the city causing anger and outrage among the citizens. As early as the 1850s the zanjas were so filthy that wealthy Angelenos refused to get their drinking water from them; instead paying for water taken directly from the river (Gumprecht 2001: 62-63). Public outcry over the drownings and the overall cleanliness of the zanjas reached a point where the city was forced to take action which resulted in almost all of the zanja segments being enclosed either by concrete piping, or wooden flumes by the mid-1880s (Meares 2016; Mulholland 2002: 18; Gumprecht 2001: 73, 88). The late nineteenth century saw the beginning of the abandonment of the zanjas and Zanja No. 5 was reportedly the first to be abandoned in 1888 (Gumprecht 2001: 89). By 1904, the last two zanjas, the Woolen Mill Ditch and Zanja No. 8-R were abandoned. At this point, any zanja segment that had not been adopted into the city's water system was either destroyed or built over (Gumprecth 2001: 97).

Zanjas Near the Project Site

Dudek reviewed information detailing the original Zanja Madre network and subsequently constructed segments, including William Hall's 1888 study of irrigation in Southern California (Hall 1888), and Blake Gumprecht's work on the History of the Los Angeles River (Gumprecht 2001). This information

indicates that two zanja segments are mapped near the Project site; Zanja No. 8 approximately 0.25 miles west of the Project site, and Zanja No. 3 approximately 0.19 east of the Project site.

As described in Hall's 1888 work, Zanja No. 8 was the western branch of the low-service system, so named because this group of canals distributed water that was taken from a lower elevation of the Los Angeles River, while the high-system distributed water that was taken from a higher elevation on the river. The low-service system contained the Zanja Madre and the majority of the zanja segments that irrigated the central downtown area. According to this research, Zanja No. 8 ran from the end of the Zanja Madre, at the intersection of South Main Street and East 1st Street, south down South Main Street until East 8th Street where it turned roughly west until reaching South Olive Street. There it turned and ran generally southwest until eventually meeting another zanja segment, Zanja No. 8-R, at the intersection of West 18th Street and South Figueroa Street (Gumprecht 2001: 77; Hall 1888: 543-551; 566). Zanja No. 8 is thought to have been dug by hand in 1857 by Orzo W. Childs, who was paid for his work with 200-acres of land and who later became a wealthy investor and philanthropist (Gumprecht 2001: 60). Notably, Childs was one of the three men, along with John G. Downey and Isaias W. Hellman, who made the original gift of land to establish the University of Southern California. As early as 1860, Zanja No. 8 began to be a nuisance for the city; largely owing to the fact that it had become essentially a waste receptacle. One city official even deemed it a "foul nuisance" that should be disconnected from other zanjas (Gumprecht 2001: 62). Despite this, the zanja was not eliminated and by the time Hall conducted his 1888 survey of irrigation in Los Angeles it had apparently been extended to connect to Zanja No. 8-R which ran south along South Figueroa Street. In 1888, the entirety of Zanja No. 8, which constituted 8,300 feet, was cement pipe or open concrete conduit (Gumprecht 2001: 76; Hall 1888: 546).

Zanja No. 5 also runs from the end of the Zanja Madre, and runs in a generally southern route, meandering between Wall Street and South Main Street until reaching West Washington Boulevard, at which point Zanja No. 5 runs directly in line with South Main Street (Gumprecht 2001: 77; Hall 1888: 566). At East Adams Boulevard an offshoot of Zanja No. 5 runs directly west along East Adams Boulevard before turning a due south along South Grand Avenue. Both segments of Zanja No. 5 terminate at West Exposition Boulevard (Gumprecht 2001: 77). By 1888, Zanja No. 5 is described by Gumprecht (2001: 78) and Hall (1888:547) as being constructed of cement pipe for much of its length.

While Gumprecht documents Zanja No. 8 and Zanja No. 5 as running relatively near the Project site (2001:72), it is unclear what became of the cement pipe or conduit representing these structures. After the abandonment of the zanja network, some segments were adopted into the city's new water infrastructure; though the early abandonment of Zanja No. 5 suggests that this specific zanja was not utilized by the city and there is no information to indicate whether or not Zanja No. 8 was adopted into the city's water system. Development over the course of the twentieth century would likely have resulted in the destruction of much of the zanjas; though it is always possible remnant portions are still

buried below the surface or were adopted into the city's infrastructure. The zanja network required construction and maintenance staff. As such, historical refuse deposits created by these workers could be found in association with the zanja alignments. It should be noted, that no sources consulted identify Zanja No. 5 or Zanja No. 8 as running within or adjacent to the Project site; so though their existence subsurface is possible, it appears unlikely they would be identified within the Project site.

ARCHIVAL RESEARCH

Dudek consulted historic aerials, accessed through UC Santa Barbara's Map and Imagery Laboratory, Sanborn Maps, accessed through the Los Angeles Public Library, and historical maps accessed through the David Rumsey Map Collection, the Los Angeles Public Library, and the Huntington Map Library to understand the development of the Project site. Three historical maps showing the City of Los Angeles in 1884, 1887, and 1921 were consulted (Baist 1921; Easton 1887 and Stevenson 1884). Sanborn maps were available for the years 1888, 1894, 1906, 1950, and 1953 (Sanborn Map Company 1888, 1894, 1906, 1950, and 1953). Historical aerials were available for the years 1930, 1938, 1947, 1956, 1962, 1971, and 1986 (Aerial Map Industries 1986; Fairchild Aerial Surveys 1930, 1947, 1956, 1962; Laval Company Inc. 1938; Teledyne Geotronics 1971). Additionally historic photos depicting the Project site in the late nineteenth century were accessed via the University of Southern California's Digital Photo Collection (C.C. & Pierce Co. 1913 and Merriman Photo Art ca. 1900). All figures consulted are available in Attachment A: Figures 3 through 19.

The 1884 map, prepared by H.J. Stevenson, a United States Surveyor, shows that at this time the Project site belonged to Orzo W. Childs, though it had not yet been subdivided. This map shows Zanja No. 5 running east of the Project site and Zanja No. 8 running west of the Project site. Neither zanja are shown to cross adjacent to or through the Project site (Figure 3). The 1887 map prepared by Fred Eaton depicting the proposed sewers of Los Angeles, shows the Project site within a now subdivided area. This map shows a proposed main sewer to be built along Main Street. The black zig-zag lines appear to separate the city into areas that will be serviced by specific sewer systems. There is no reference to Zanja No. 5 or Zanja No. 8 on this map; however, the *Arroyo de los Reyes* is mapped running to the west of the Project site (Figure 4). The *Arroyo de los Reyes* was a creek which originated north of what is now Echo Park, ran through a ravine, and then emerged near what is now Pershing Square (Masters 2012).

The earliest Sanborn Map, from 1888, shows the block containing the Project site developed as the "Residence and Ornamental Grounds" of Orzo W. Childs (Figure 5). The development included one residential structure, a tennis court, and at least three ancillary buildings. The Project site would have been in southeastern corner of the grounds and there does not appear to be any development in that area in 1888. The 1888 Sanborn map shows that development in the vicinity at this time consisted of a few domestic residences. In 1888 there appears to be a water pipe running down South Main Street, signified

by two dashed lines running down the street. Additionally, the 1888 Sanborn shows that at this time, South Broadway had not been laid out and the block where the Project site is located was approximately double its current size. Neither Zanja No. 5 nor Zanja No. 8 are depicted on the 1888 Sanborn. The 1894 Sanborn shows few changes to the block where the Project site is located, though a few more small buildings appear to have been built along the western boundary of the block (Figure 6). The Project site appears to still be devoid of any developments in 1894 and the nearby area is largely unchanged as well. In 1894, South Broadway had been partially laid out and meets South Main Street north of 11th Street. No references to Zanja No. 5 or Zanja No. 8 are made on the 1894 Sanborn. The water pipe present on the 1888 Sanborn is also present in 1894 and is designated as a 12 inch water pipe.

The 1906 Sanborn shows that the block containing the Project site had been redeveloped and was now home to Huntington Hall, a school for girls (Figure 7). The 1906 Sanborn shows that there were no buildings within the actual Project site at this time. There are no significant changes to the nearby area visible on the 1906 Sanborn. Neither Zanja No. 5 nor Zanja No. 8 are mapped on the 1906 map, or any later maps showing the Project site. A historic drawing from 1900 depicting the Project site during the late nineteenth century shows the Child's residence, which appeared to be a large mansion on carefully landscaped grounds (Figure 8). A later photo, from 1908 shows the Huntington Residence, which had been the Child's Residence previously, in much the same state. Neither photo depict a zanja or other such features running through the area (Figure 9). A real estate map prepared by G.W. Baist in 1921, shows that by this time South Broadway had been laid out in its current position and the block containing the Project site had been subdivided (Figure 10). The majority of the block where the Project site is located was not developed; however, there were three buildings within the Project site, including two automobiles stores and two unnamed structures. Between 1906 and 1921 several new commercial developments had been built in the vicinity; though there were still many undeveloped lots and several single-family homes in the area.

Later Sanborn maps show a steady increase in development within the Project site and vicinity (Figure 11 and Figure 12). By 1950, there were several developments within the Project site, including a private garage, an auto sales lot, several stores, and a clothing manufacturer. The nearby areas had experienced massive redevelopment between 1921 and 1950 as well and were home to various commercial enterprises with very few single family homes in the nearby vicinity. There are no changes between the 1950 Sanborn and the 1953 Sanborn.

Historical aerials consulted dating from 1930 onwards indicate that the Project site and vicinity were already heavily developed early in the twentieth century. The aerials from the 1930s show that by this time the Project site was essentially completely developed (Figure 13 and Figure 14). Overtime there were changes to the area resulting from redevelopment and in-fill projects (Figure 15 and Figure 16). The Project site appears to have been redeveloped between the 1960s and the 1970s, and by the late 1980s the Project site was completely built out (Figure 17-19). Between 1986 and present, three

buildings in the north of the Project site were demolished and a parking lot was put in their place. No segments of Zanja No. 5 or Zanja No. 8 are visible on any historical aerials consulted.

SUMMARY

No cultural resources were identified within, or in the vicinity of, the Project site through a CHRIS records search, SLF search, or archival research. The archaeological record for the surrounding half-mile area includes no previously recorded prehistoric archaeological sites and one historic-age refuse deposit. As noted above, two segments of the zanja network, Zanja No. 5 and Zanja No. 8, have been recorded near the Project site. A thorough review of historic sources, including historical documents, academic research, maps, and aerials have not shown these zanja segments to be located within or directly adjacent the Project site. Historic sources indicate that Zanja No. 5 was the first zanja segment to be abandoned in 1888, as indicated by city council meetings from this time, making it unlikely to have been adopted into the city's later infrastructure, which was not being developed at that time (Gumprecth 2001: 89). It is unclear when Zanja No. 8 came into disuse, although it would have been prior to 1904, which was when the entire system had been abandoned. There is no evidence to suggest whether or not Zanja No. 8 was adopted into the city's infrastructure when it was abandoned.

The Project site was the location of Orzo W. Child's residence from 1888 until at least 1894, after which it was the site of the Huntington Hall School for Girls until the late 1910s, which is evidenced through Sanborn maps, historic maps, and historic photos. None of the archival sources consulted show zanja segments running through or near the Project site. This period corresponds with the peak and then quick demise of the zanja era. The fact that no zanja segments are shown on any historic maps of the Project site during this time, is consistent with the conclusion that no segments of the zanja network are within the boundaries of the current Project. Though it is possible that remnants of the cement pipe or conduit that made up Zanja No. 5 or Zanja No. 8 exist within the City of Los Angeles, based on the review of available research, it is unlikely that either are present within the Project site. This record of use, the full project site having been occupied by buildings in the past, also speaks to the substantial level of modification of subsurface soils. As such, the area appears unlikely to support the presence of subsurface archaeological deposits.

Though no archaeological resources have been confirmed to be within the Project site, there is always a possibility that subsurface archeological artifacts, deposits or features that were not identified during past construction adjacent to or within the Project site could be encountered. Given the level of past disturbance and the results of the SCCIC records search, the Project site is considered to have a low potential to support the presence of prehistoric archaeological resources. Though Zanja No.5 and Zanja No. 8 have been recorded 0.19 miles east and 0.21 miles west, respectively, no evidence consulted suggests that they were mapped incorrectly or that they would be present within the Project site.

MANAGEMENT RECOMENDATIONS

Based on the resources reviewed, it is Dudek's opinion that encountering any portions of the zanja network within the Project site are very low and it is therefore unlikely that the Project will have an impact on these resources. As such, no resource-specific mitigation would be required.

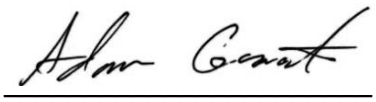
Segments of the zanja network that are encountered today consist of relatively large brick and/or concrete pipe or curved features that are readily identifiable when encountered in subsurface contexts (see Attachment C for examples). Historical archaeological refuse or other material left by builders of the zanjas may also be found in association. Construction crew should be alerted to the potential to the potential to encounter archaeological material. In the event that cultural resources (sites, features, artifacts, or fossilized material) are exposed during construction activities for the proposed project, all construction work occurring in the vicinity of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Prehistoric archaeological deposits may be indicated by the presence of discolored or dark soil, fire-affected material, concentrations of fragmented or whole freshwater bivalves shell, burned or complete bone, non-local lithic materials, or the characteristic observed to be atypical of the surrounding area. Common prehistoric artifacts may include modified or battered lithic materials; lithic or bone tools that appeared to have been used for chopping, drilling, or grinding; projectile points; fired clay ceramics or non-functional items; and other items. Historic-age deposits are often indicated by the presence of glass bottles and shards, ceramic material, brick and concrete. building or domestic refuse, ferrous metal, or old features such as concrete foundations or privies. Depending upon the significance and nature of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing, or data recovery may be warranted.

In accordance with Section 7050.5 of the California Health and Safety Code, if human remains are found, the county coroner shall be immediately notified of the discovery. No further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the county coroner has determined, within 2 working days of notification of the discovery, the appropriate treatment and disposition of the human remains. If the county coroner determines that the remains are, or are believed to be, Native American, he or she shall notify the NAHC in Sacramento within 24 hours. In accordance with California Public Resources Code, Section 5097.98, the NAHC must immediately notify those persons it believes to be the most likely descendant from the deceased Native American. The most likely descendant shall complete his/her inspection within 48 hours of being granted access to the site. The designated Native American representative would then determine, in consultation with the property owner, the disposition of the human remains. City-mandated conditions

pertaining potential tribal cultural resources (TCRs) will apply for encountered remains or resources of Native American origin.

Should you have any questions relating to this report and its findings please do not hesitate to contact me directly.

Respectfully Submitted,



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Att: A: Maps and Figures
B: Report LA-13239
C: Site Records

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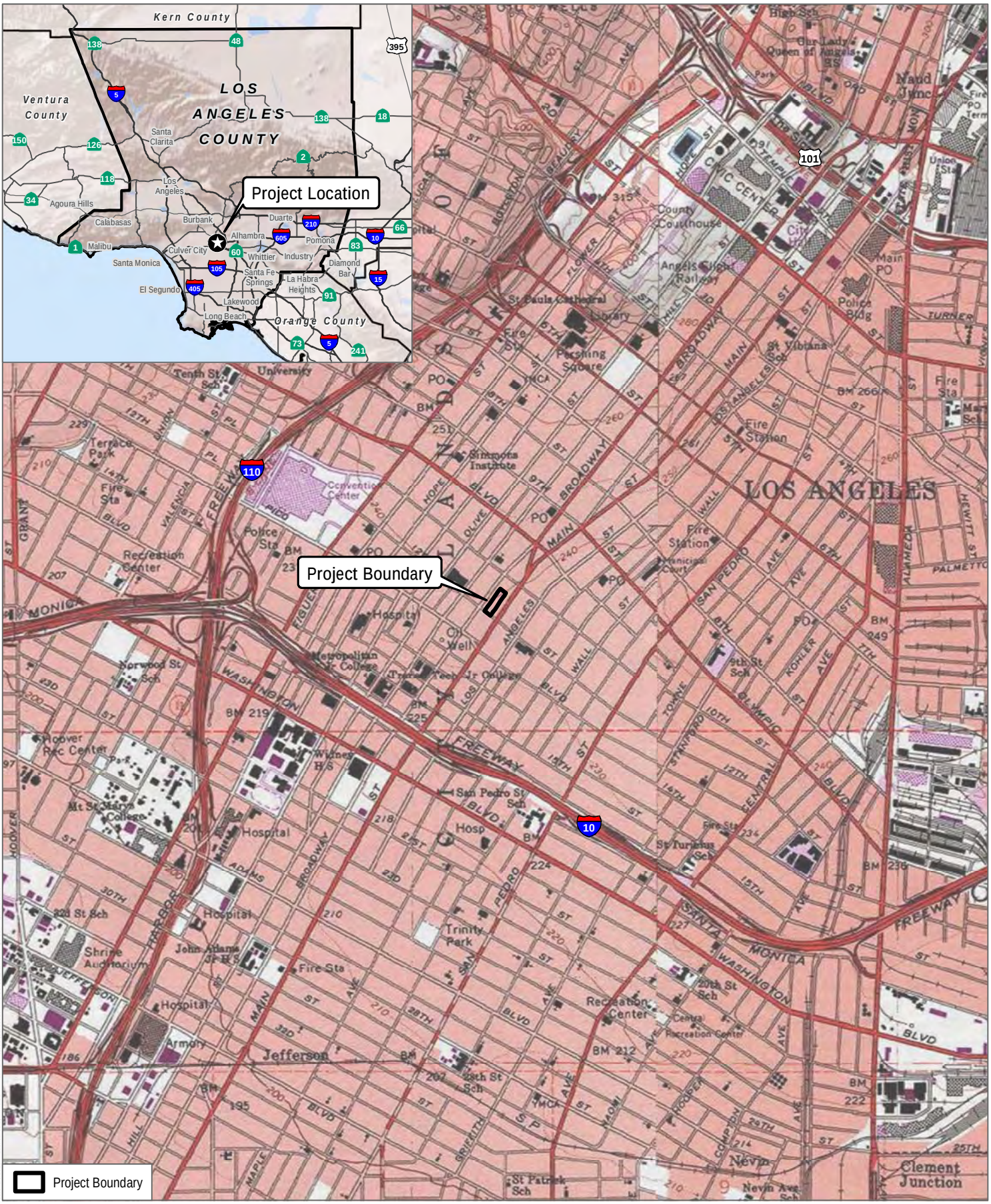
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ATTACHMENT A

Maps and Figures



SOURCE: USGS 7.5-Minute Series Hollywood Quadrangle
Township 1S / Range 13W / Section 32

DUDEK

0 1,000 2,000 Feet
0 250 500 Meters

FIGURE 1

Project Location

Main Street Project - Cultural Resources Report



SOURCE: Bing Maps 2019; Los Angeles County 2017

DUDEK

0 50 100 Feet
0 12.5 25 Meters
1:1,200

FIGURE 2

Project Aerial

Main Street Project - Cultural Resources Report



Figure 3. Approximate location of Project site plotted on H.J. Stevenson's 1884 Survey map of Los Angeles; Zanja No. 5 and Zanja No. 8 are both depicted as black lines; one on each side of the proposed Project site (Stevenson 1884).

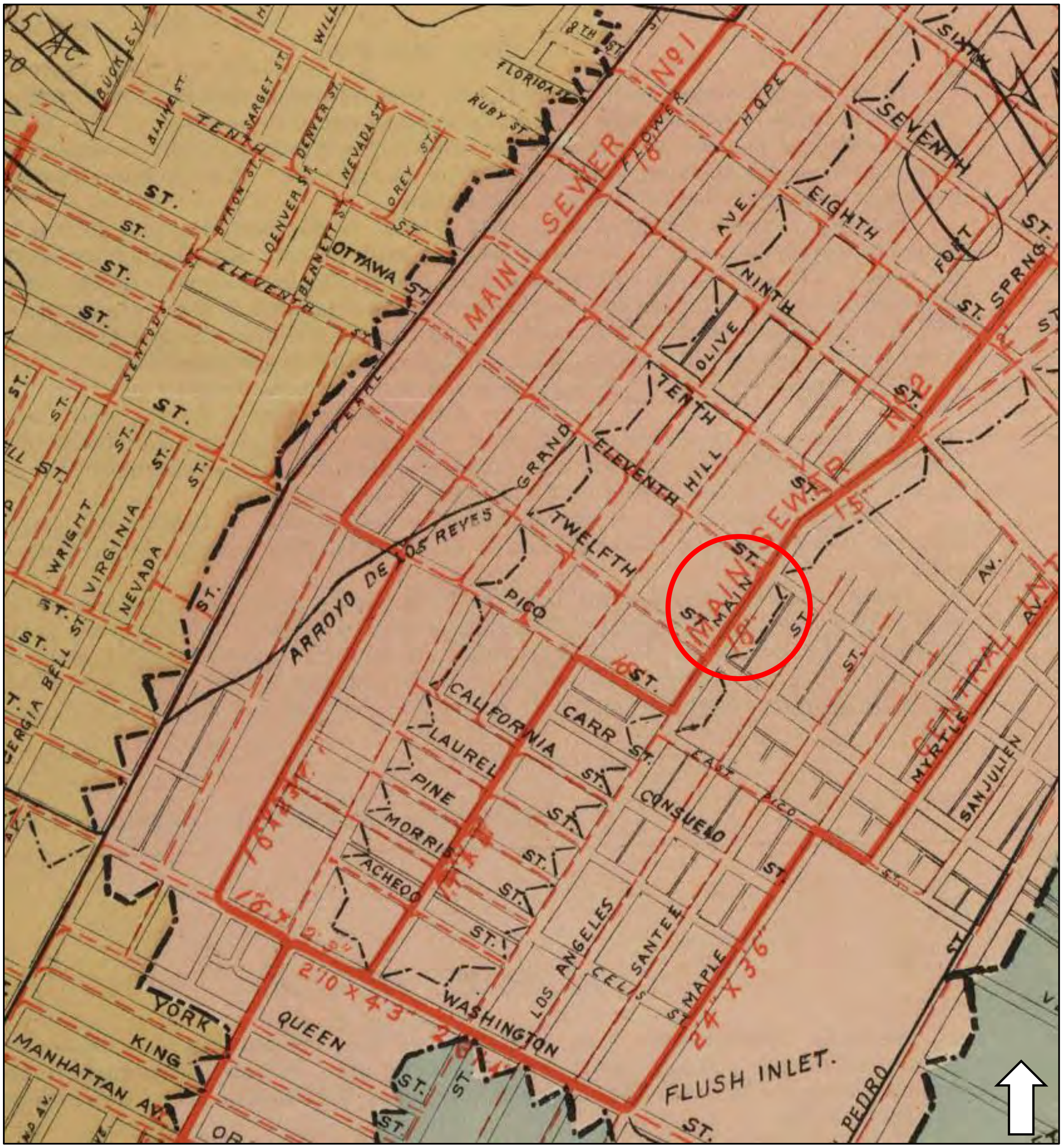


Figure 4. Approximate location of Project site plotted on Eaton's 1887 map of the proposed sewer system showing components of the zanja system (Eaton 1887).

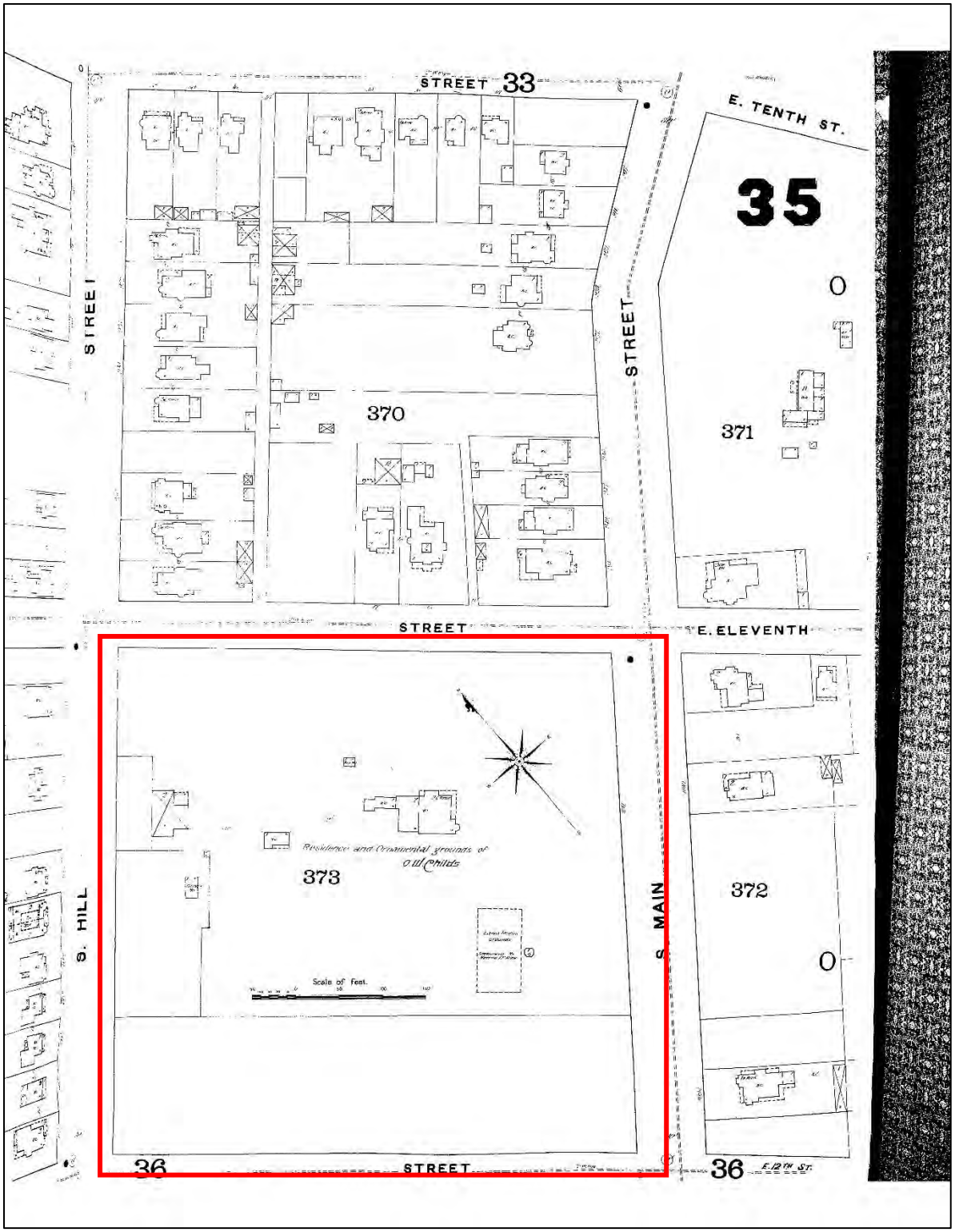


Figure 5. 1888 Sanborn showing Project site and immediate vicinity.

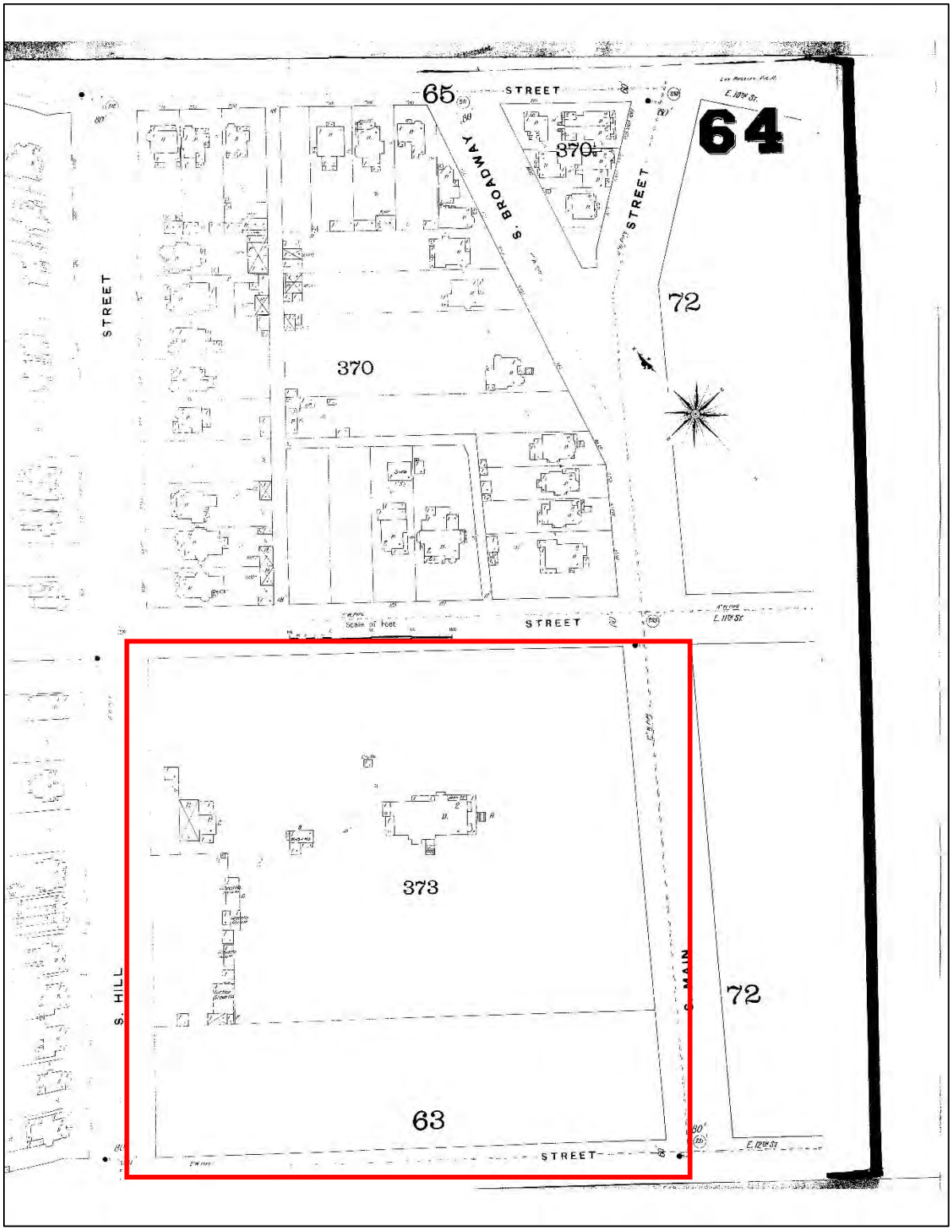


Figure 6. 1894 Sanborn showing Project site and immediate vicinity.

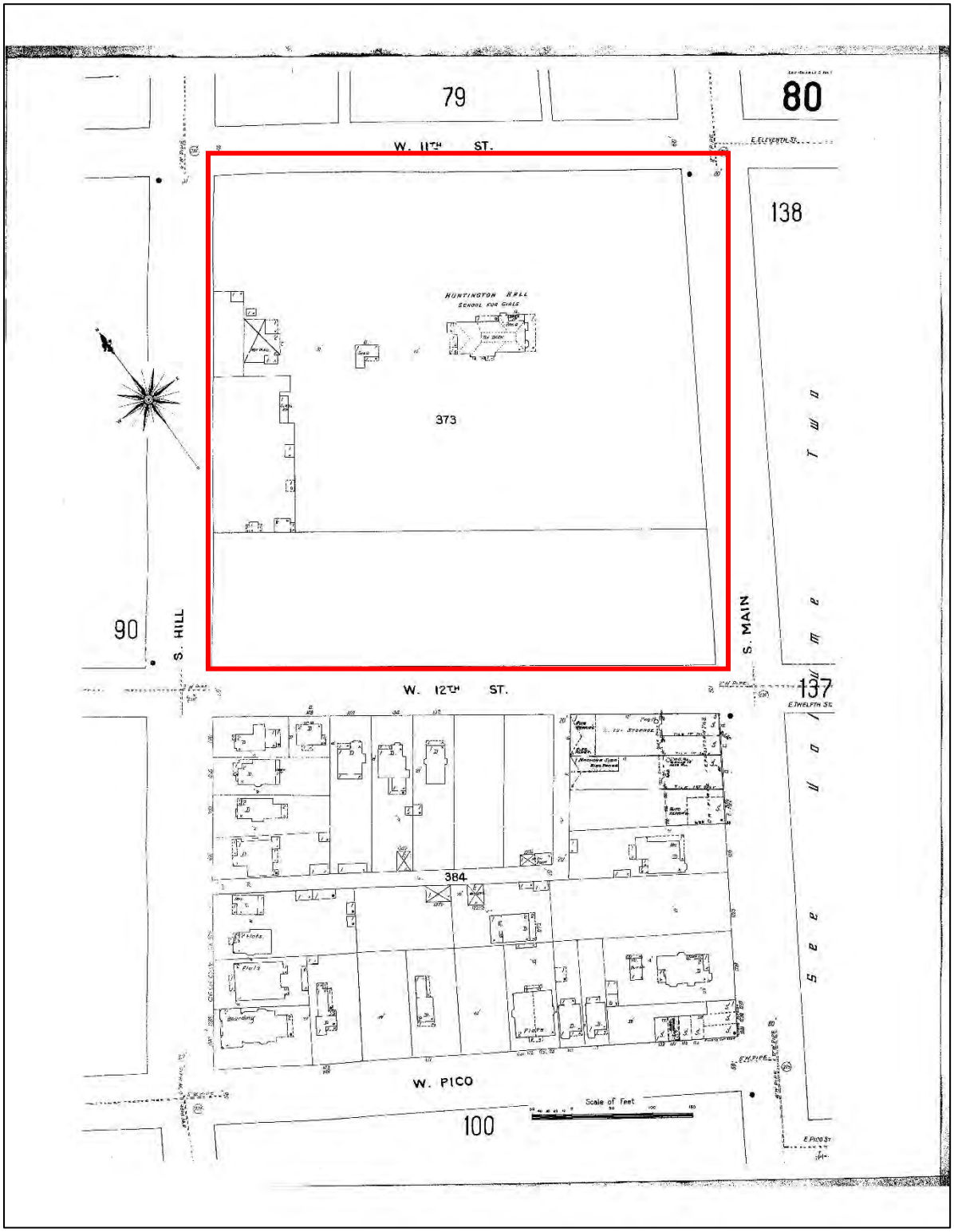


Figure 7. 1906 Sanborn showing Project site and immediate vicinity.

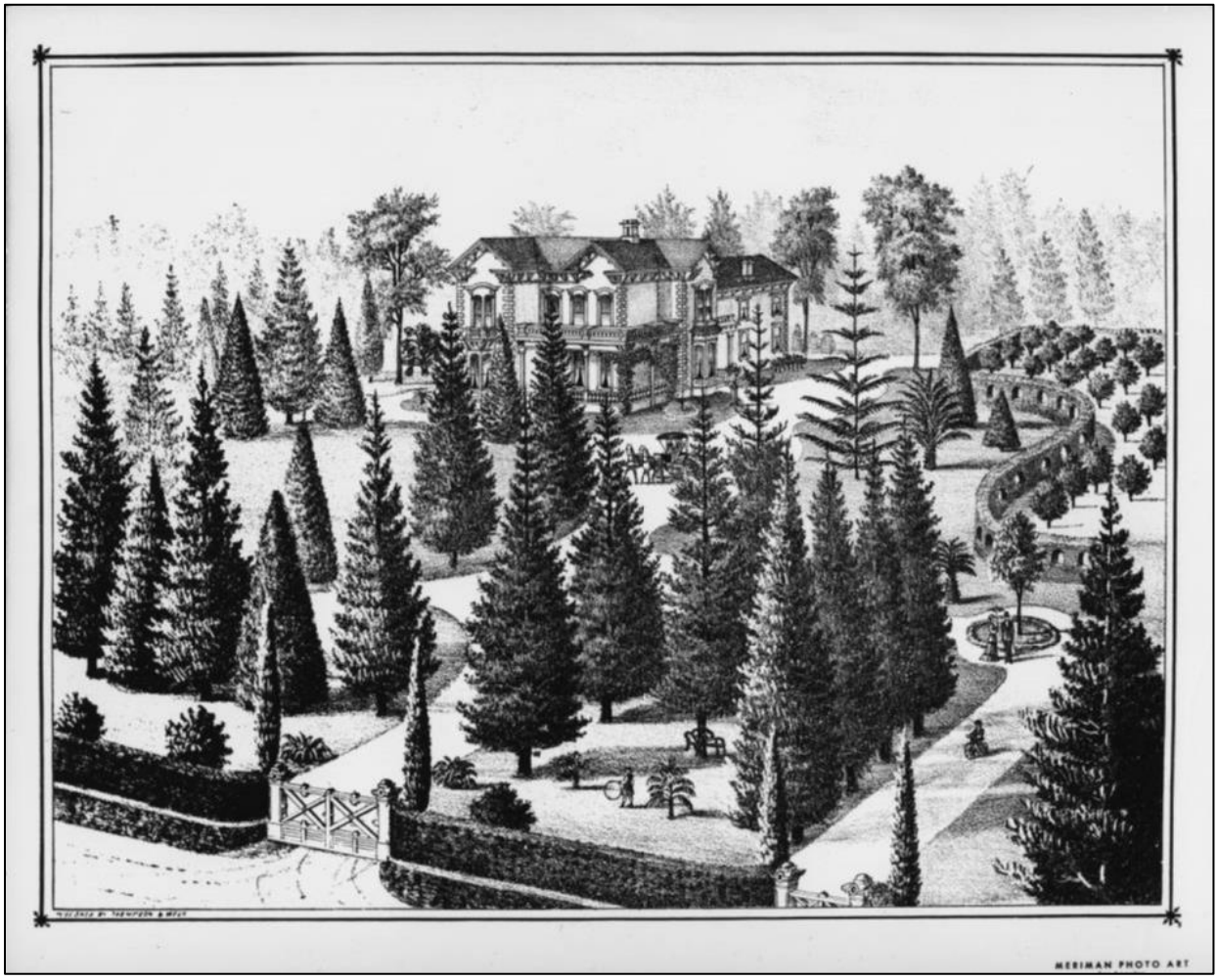


Figure 8. Drawing depicting Orzo W. Childs Residence, ca. 1900 (Merriman Photo Art ca. 1900).



Figure 9. Exterior view of the Huntington Residence ca. 1908 (C.C. Pierce & CO. 1913)



Figure 10. 1921 Real Estate Map showing the Project site and immediate vicinity (Baist 1921)

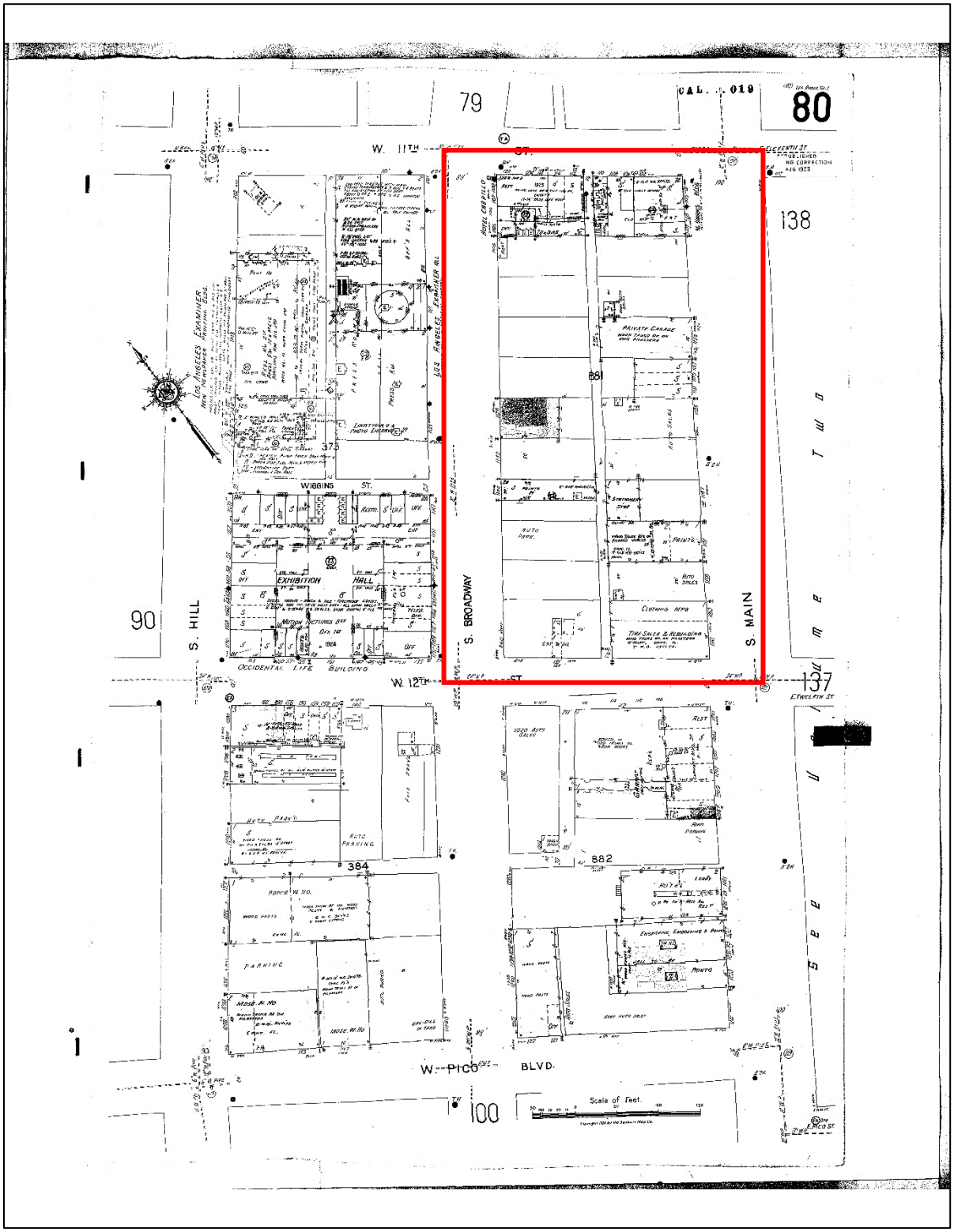


Figure 11. 1950 Sanborn showing Project site and immediate vicinity.

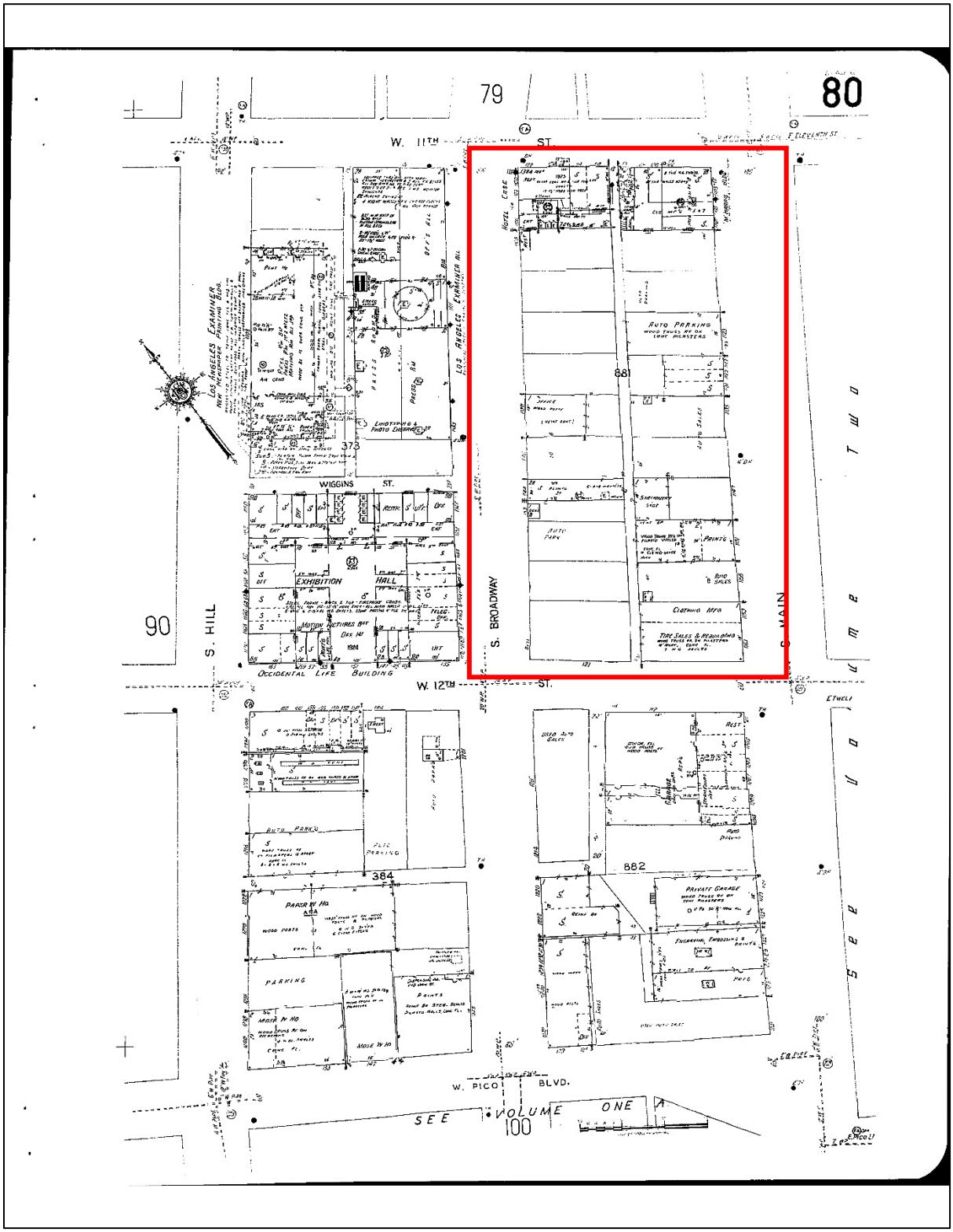


Figure 12. 1953 Sanborn showing Project site and immediate vicinity.



Figure 13. 1930 aerial showing Project site and general vicinity (Fairchild Aerial Surveys 1931)



Figure 14. 1938 aerial showing Project site and general vicinity (Laval Company Inc. 1938)



Figure 15. 1947 aerial showing Project site and general vicinity (Fairchild Aerial Surveys 1947)

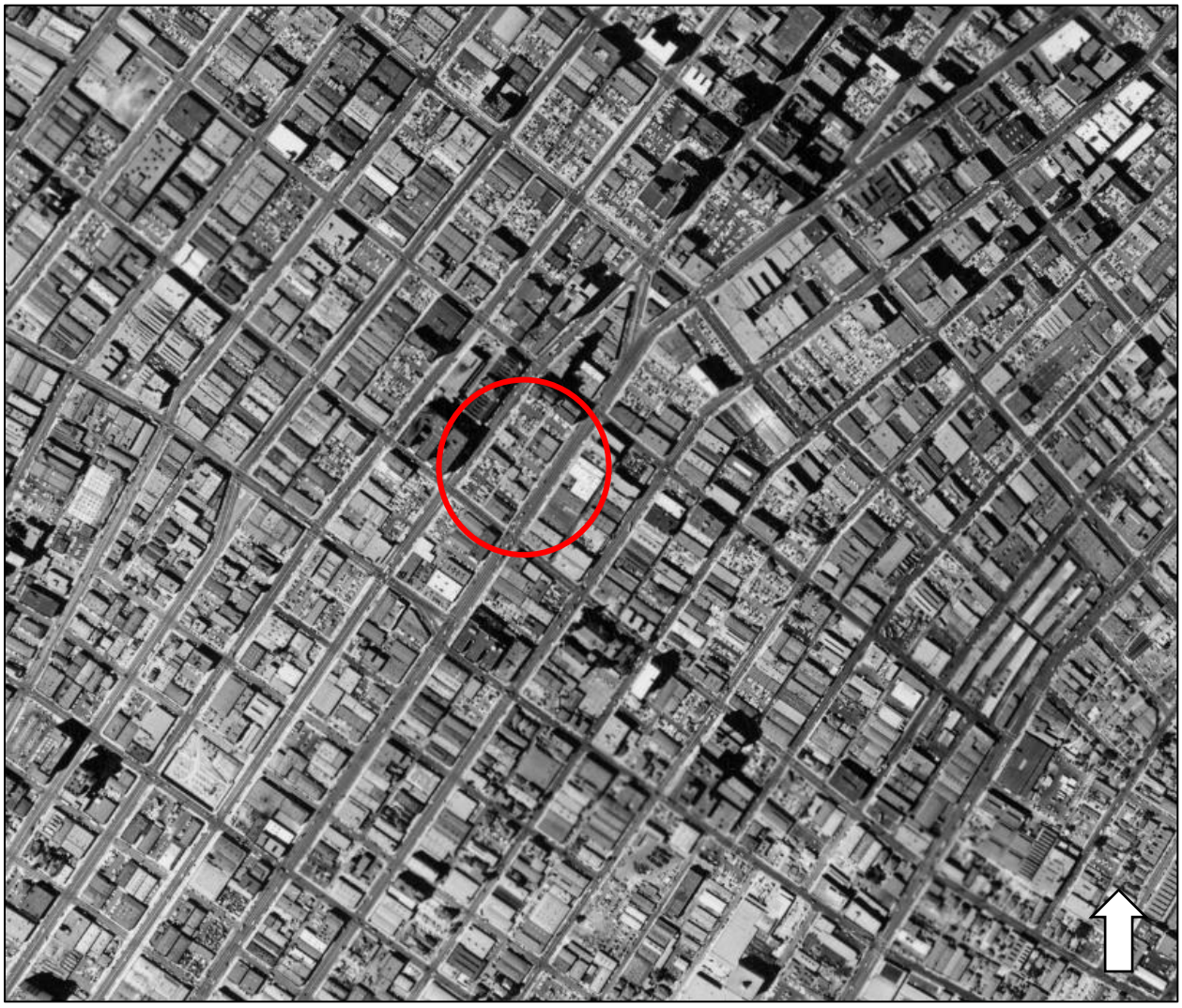


Figure 16. 1956 aerial showing Project site and general vicinity (Fairchild Aerial Surveys 1956)

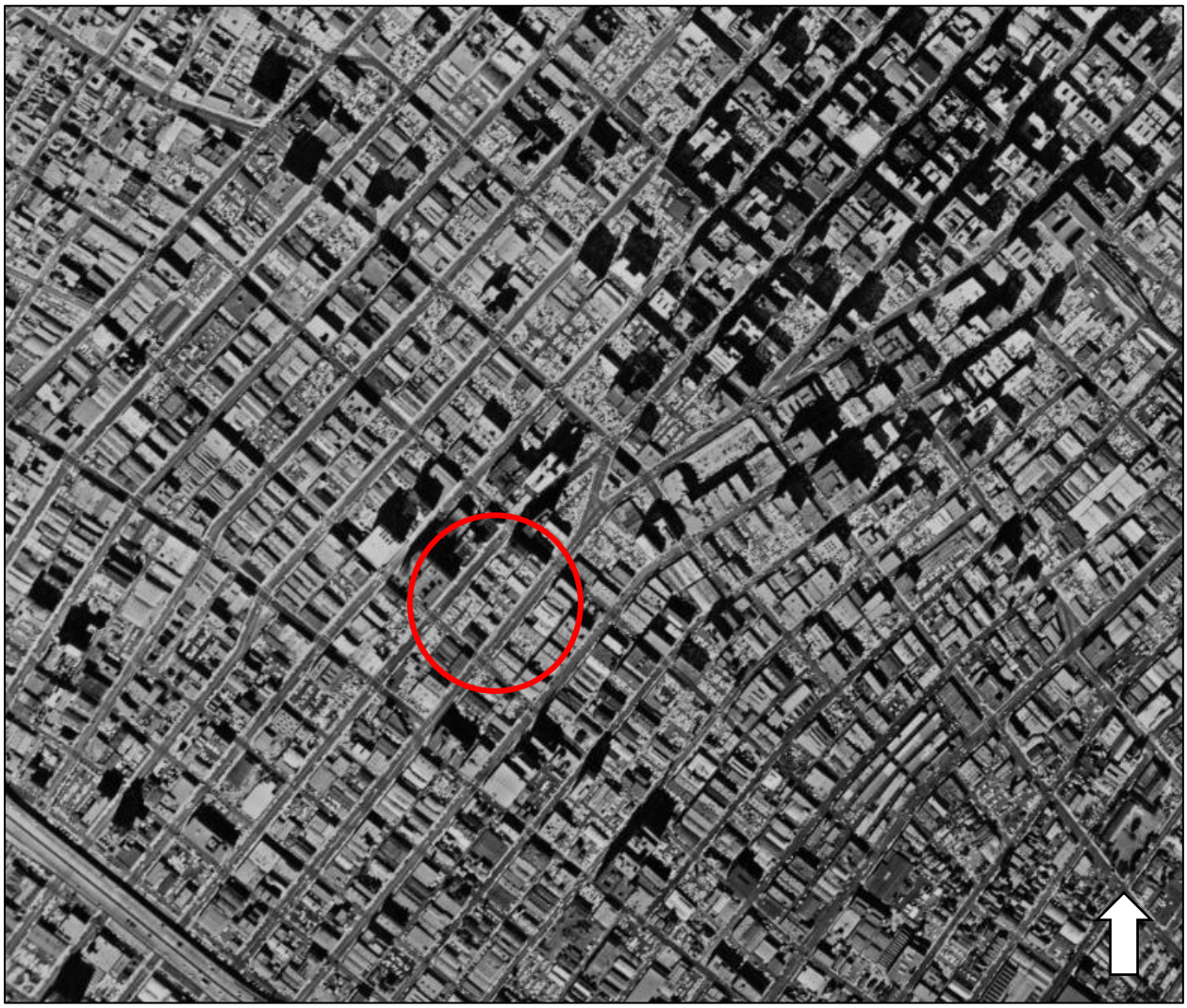


Figure 17. 1962 aerial showing Project site and general vicinity (Fairchild Aerial Surveys 1962)



Figure 18. 1971 aerial showing Project site and general vicinity (Teledyne Geotronics 1971)



Figure 19. 1986 aerial showing Project site and general vicinity (Aerial Map Industries 1986)

ATTACHMENT B

Report LA-13239

Extent of Zanja Madre

By: Cogstone

2017

This report number corresponds to the shapefile supplied by Sherri Gust of Cogstone. It represents their research into the entire linear boundary of the Zanja Madre. So far, only portions of the Zanja have been physically surveyed, excavated, and recorded. These are cross referenced with this file.

Portions recorded include:

19-003103

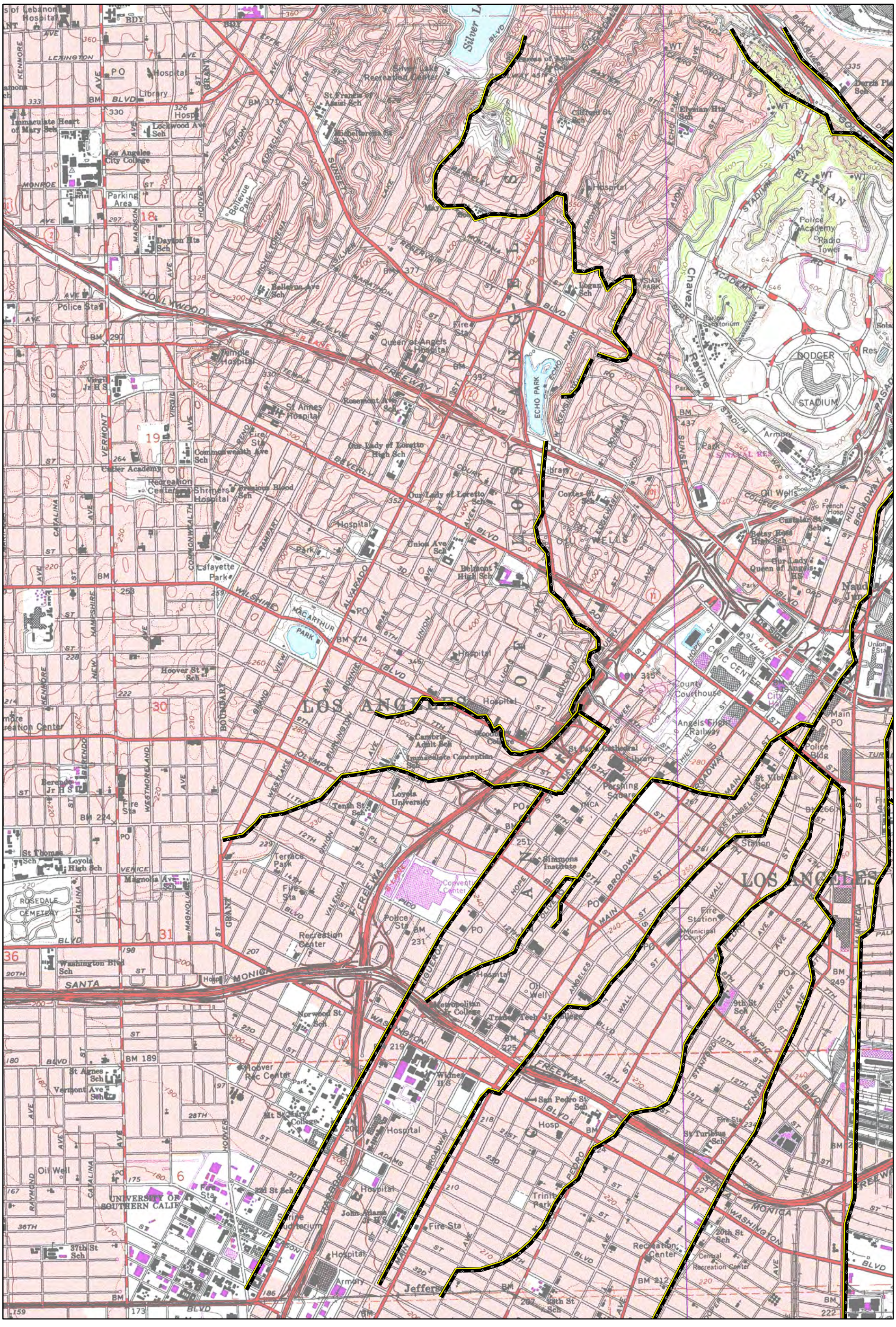
19-004113

19-190309

LA-13239

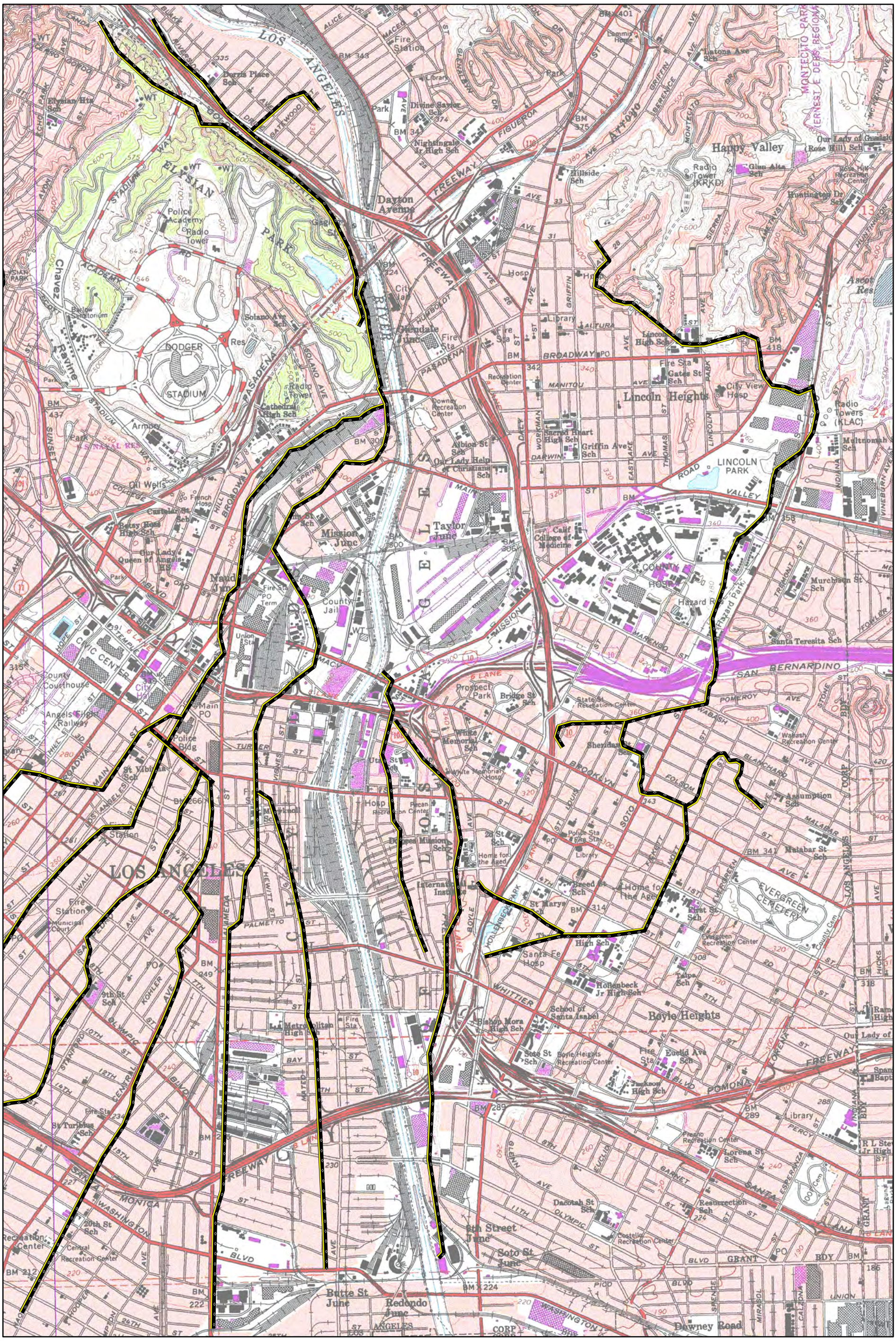
OFFICE OF HISTORIC PRESERVATION * * * Directory of Properties in the Historic Property Data File for LOS ANGELES County. Page 247 04-05-12

OPERTY-NUMBER	PRIMARY-#	STREET.ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
167437			WELLINGTON SQUARE HISTORIC DIST	LOS ANGELES	P	1912	PROJ.REVW.	HUD050330C	04/21/05	2S2	AC
							HIST.RES.	DOE-19-05-0063-9999	04/21/05	2S2	AC
169881			OGDEN DRIVE HISTORIC DISTRICT	LOS ANGELES		1931	HIST.RES.	DOE-19-08-0001-9999	02/01/08	2D2	C
							PROJ.REVW.	HUD080104C	02/01/08	2D2	C
172028			SEPULVEDA FLOOD CONTROL DAM	LOS ANGELES	F	1941	PROJ.REVW.	FHWA070202B	03/14/07	2S2	AC
172541			27TH ST HISTORIC DISTRICT (AFRI AM	LOS ANGELES	P	1911	HIST.RES.	NPS-09000399-9999	06/11/09	1S	A
							NAT.REG.	19-0530	04/16/08	3S	A
172542			ZANJA MADRE	LOS ANGELES	C	1781	NAT.REG.	19-0531	08/04/08	7W	
172636			AFRICAN AMERICANS IN LOS ANGELES M	LOS ANGELES	PM	1890	HIST.RES.	NPS-64501036	03/17/09	1S	A
							NAT.REG.	19-0540	01/27/09	3S	A
068316	19-173711	0	BUILDING #43 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0052-0000	08/23/89	6Y	
							PROJ.REVW.	USN890731A	08/23/89	6Y	
068315	19-173710	0	BUILDING #31 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0051-0000	08/23/89	6Y	
							PROJ.REVW.	USN890731A	08/23/89	6Y	
068314	19-173709	0	BUILDING #15 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0050-0000	08/23/89	6Y	
							PROJ.REVW.	USN890731A	08/23/89	6Y	
068313	19-173708	0	BUILDING #13 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0049-0000	08/23/89	6Y	
							PROJ.REVW.	USN890731A	08/23/89	6Y	
068312	19-173707	0	BUILDING #12 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0048-0000	08/23/89	6Y	
							PROJ.REVW.	USN890731A	08/23/89	6Y	
068317	19-173712	0	BUILDING #60 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0053-0000	08/23/89	6Y	
							PROJ.REVW.	USN890731A	08/23/89	6Y	
068318	19-173713	0	BUILDING #62 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0054-0000	08/23/89	6Y	
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068320	19-173715	0	BUILDING #146 / LONG BEACH NAVAL S	LOS ANGELES	U		HIST.RES.	DOE-19-89-0056-0000	08/23/89	6Y	
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068386	19-173717	0	DUARTE PARK	LOS ANGELES	U		HIST.RES.	DOE-19-89-0044-0000	07/17/89	6Y	
							PROJ.REVW.	HUD890620E	07/17/89	6Y	
068321	19-173716	0	BUILDING #381 / LONG BEACH NAVAL S	LOS ANGELES	U		HIST.RES.	DOE-19-89-0057-0000	08/23/89	6Y	
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068319	19-173714	0	BUILDING #81 / LONG BEACH NAVAL ST	LOS ANGELES	U		HIST.RES.	DOE-19-89-0055-0000	08/23/89	6Y	
							PROJ.REVW.	USN890731A	08/23/89	6Y	
099011	19-175616	3501	USC - MARK TAPER HALL OF HUMANITIE	LOS ANGELES	P	1949	HIST.RES.	DOE-19-94-0001-0020	06/29/94		
							PROJ.REVW.	HRG940202Z	06/29/94		
069699	19-173827	4301		LOS ANGELES	U	1930	PROJ.REVW.	HUD901030E	11/30/90	6Y	
023284	19-169308	6000		LOS ANGELES	P	1921	HIST.SURV.	0053-0792-0010		3D	
175429		5324 10TH AVE		LOS ANGELES	P	1923	PROJ.REVW.	HUD070529J	07/05/07	6U	
123786		5454 10TH AVE		LOS ANGELES	U	1921	HIST.RES.	DOE-19-00-0022-0000	02/01/00	6Y	
							PROJ.REVW.	HUD000201E	02/01/00	6Y	
023384	19-169406	221 10TH ST		LOS ANGELES	P	1895	HIST.SURV.	0053-0835-0000		5D2	
023385	19-169407	231 10TH ST		LOS ANGELES	P	1895	HIST.SURV.	0053-0836-0000		5D2	
023386	19-169408	255 10TH ST		LOS ANGELES	P	1885	HIST.SURV.	0053-0837-0000		5D2	
023380	19-169402	303 10TH ST		LOS ANGELES	P	1915	HIST.SURV.	0053-0831-0000		5S2	
023379	19-169401	354 10TH ST		LOS ANGELES	P	1878	HIST.SURV.	0053-0830-0000		5S2	
023402	19-169424	689 10TH ST		LOS ANGELES	P	1925	HIST.SURV.	0053-0855-0000		7N	
							HIST.SURV.	0053-0885-0000		7R	
175531		343 111TH PL		LOS ANGELES	P	1924	PROJ.REVW.	HUD070529J	07/05/07	6U	
126010		11TH AVE		LOS ANGELES	Y	1921	HIST.RES.	DOE-19-00-0211-0000	05/15/00	6U	
							PROJ.REVW.	HUD001017Z	05/15/00	6U	
026574	19-172561	3434 11TH AVE		LOS ANGELES	P	1941	HIST.SURV.	0053-3902-0000		7R	
026575	19-172562	3604 11TH AVE		LOS ANGELES	M	1925	HIST.SURV.	0053-3903-0000		7R	
097885	19-175327	3612 11TH AVE	ANIMAL SHELTER	LOS ANGELES	M		HIST.RES.	DOE-19-94-0218-0000	08/08/94	6Y	
							PROJ.REVW.	HRG940202Z	08/08/94	6Y	
116292		4721 11TH AVE		LOS ANGELES	P	1923	HIST.RES.	DOE-19-96-0206-0000	02/11/96	6U	
							PROJ.REVW.	HUD960801E	02/11/96	6U	
126008		5315 11TH AVE		LOS ANGELES	Y	1921	HIST.RES.	DOE-19-00-0211-0000	05/15/00	6U	



Hollywood, CA
USGS 7.5'
PR: 1981 1:24,000

LA-13239



ATTACHMENT C

Site Records

State of California - The Resources Agency
Department of Parks and Recreation

PRIMARY RECORD

Primary # 19-003352
HRI #
Trinomial
NRHP Status Code:

Page 1 of 6

Other Listings:
Review Code: Reviewer: Date:

P1. Resource Identifier: Emergency Operations Center

P2. Location: a. County: Los Angeles

b. Address: A parcel east of North Alameda Street between East Temple and Banning Streets and the parcel in the northeast corner of Vignes and East Temple, in the City of Los Angeles

City: Los Angeles | State: California | Zip: 90012

c. UTM: USGS Quad: Los Angeles | Date: 1991 | Zone: 11

UTM: 1. 110386044E/3768249N; 2. 110386165E/3768220N; 3. 110386023E/3768149N; and 4. 110386130E/3768125N.
d. Other Locational Data:

P3. Description: A previous reconnissance of the parcel had identified potential resources within a parcel subject to development (Strauss 2004). It was proposed that the project area be trenched to identify buried archaeological resources. Three archaeological features were encountered including a segment of the *Zanja* No. 6-1, ca. 1900; an artifact scatter of ca. 1900 artifacts; and a concrete foundation, possibly associated with the Los Angeles Soap Company.

P4. Resources Present: Building__ Structure__ Object _x_ Site _x_ District __ Element of District __

P5. Photograph or Drawing: Feature 1, Concrete Pipe, Zanja No.6-1



P6. Date Constructed/Age:
☐ Prehistoric ■ Historic ☐ Both

P7. Owner and Address:
Steve Chan, Project Manager
EOC, Prop. Q, Public Safety Program
221 N. Figueroa Street, Suite 1600
Los Angeles, CA 90012

P8. Recorded by: John M. Foster, RPA

P9. Date Recorded: March 17, 2005

P10. Type of Survey:
__ Intensive _x_ Reconnaissance
_x_ Other Describe: Extended Inventory

P11. Report Citation:

Foster, John M.
2005 Archaeological Inventory: Emergency Operations Center, Fire Station, and Parking Garage. Greenwood and Associates. Submitted to EOC, Prop. Q, Public Safety Program, City of Los Angeles.

Attachments: __ None _x_ Map Sheet__ Continuation Sheet __ Building, Structure, and Object Record __ Linear Resource Record _x_ Archaeological Record __ District Record __ Milling Station Record __ Rock Art Record __ Artifact Record __ Photograph Record __ Other:

State of California - The Resource Agency Department of Parks and Recreation **ARCHAEOLOGICAL SITE RECORD (Part 1)**	Primary # 19-003352 Trinomial

Page 2 of 6

A1. Resource Identifier: Emergency Operations Center

A2. Resource Attributes: HP2 (single family residence), HP6 (1-3 story commercial structure), HP11 (engineering structure), HP20 (aqueduct), AH2 (foundations), and AH6 (water conveyance system)

A3. Dimensions: a. Length 100 m (N/S) x **b. Width** 100 m (E/W)

Method of Measurement: __ Paced _x_ Taped __ Visual Estimate ___ Other:

Method of Determination: _x_ Artifacts _x_ Features __ Soil __ Vegetation x Topography

__ Cut bank __ Animal burrow_x_ Excavation_x_ Property boundary _x_ Other: Taken from scaled map of project area.

Reliability of Determination: _x_ High__ Low Explain: Mechanical trenching

Limitations: x Restricted access __ Paved/built over ___ Disturbances _X_ Site Limits incompletely defined __ Other:

A4. Depth:; __ None ___ Unknown __ Method of Determination: Various. Ranges from 45 cm to 85 cm.

A5. Human Remains: __ Present _ Absent__ Possible_x_ Unknown:

A6. Features: Feature 1 consisted of a concrete pipe near the western terminus of the Trench 1. The top of the pipe was 45 cm deep below grade, 86 cm in wide, and had 8 cm thick walls. The top of the pipe had been perforated during trenching leaving a 50 cm diameter gap in the top allowing observation into the pipe. The gap was at the join of two segments which consisted of an overlapping fitting. Excavation of Trench 3 encountered a concrete foundation (Feature 2) 70 cm below grade in the eastern half of the trench. The top of the foundation was smooth, 60 cm wide and a minimum of 20 cm deep, with no evidence of attachments, forms, reinforcement, or other details. The feature was aligned north-south. There was no obvious builder's trench. Fill was observed both to the east and west of the feature to a depth of 1.2 m. No obvious artifacts were associated with this feature. In preparation for trenching, a reconnaissance was conducted on the parcel on foot. A surface deposit of bottle glass and a few pieces of ceramics were observed in the west center of the subject area. The observed artifacts consisted of sun colored amethyst (SCA), hand tooled bottle finishes, and stoneware ale bottles, suggestive of turn of the century technology. Three loci were observed in close proximity. Locus 1 is a 3 x 4 m dense cluster of bottle glass (>40 fragments/meter); Locus 2 is 2 m southwest of Locus 1 and 2 x 2 meters consisting of bottle glass and a few ceramic sherds. Locus 3 is 2 m northeast of Locus 1 and has a low density (4 fragments/meter) scatter of artifacts. Feature 3 appears to have originated from domestic context, rather than commercial.

A7. Cultural Constituents: concrete pipe (historic *zanja*, ca. 1900), concrete foundation, bottle glass, ceramic sherds, and cans.

A8. Were Specimens Collected? __ No _x_ Yes

A9. Site Condition: ___ Good ___ Fair __X_ Poor (Describe disturbances): Site has been subject to extensive hazardous waste cleanup (75 x 75 m), plowing, and use of fill. Fill was noted to a depth of 1.2 meters throughout most of the east half of the site.

State of California - The Resource Agency
Department of Parks and Recreation
ARCHAEOLOGICAL SITE RECORD (Part 2)

Primary #19-003352

Trinomial

Resource Identifier: Emergency Operations Center

A10. Nearest Water (Type, distance, and direction): 500 meters east to Los Angeles River

A11. Elevation: 314 feet ASL.

A12. Environmental Setting (Describe vegetation, fauna, soil, geology, landform, slope, aspect, exposure, etc. as appropriate): On March 4, 2005, the project area consisted of weedy vegetation (some more than 60 cm high), a one acre pond, two ducks, a coot, one shore bird, two seagulls, two hawks (one red tail, one unidentified), multiple crows, and a lot of mosquitos. On March 11, the pond, the birds, and all vegetation were gone.

The topography is generally flat with a large depression in the west center created by hazmat remediation. . Various building rubble was observed over the entire parcel. One homeless person was encamped on the sidewalk on the abandoned section of Banning Street, next to a low wall and chain link fence.

A13. Historical Information:

A14. Age: __ Prehistoric __ Pre-Colonial (1500-1769) __ Spanish/Mexican (1769-1848) _X_ Early American (1848-1880)_X_ Turn of century (1880-1914) __ Early 20th century (1914-1945)__ Post WWII (1945+)___ Undetermined

A15. Remarks and Interpretations (Discuss scientific, interpretative, ethnic, and other values of site, if known):

A16. References:

Strauss, Monica
2004 Archaeological Resources Assessment for the Proposed Public Safety Facilities Master Plan Project, City of Los Angeles, California. EDAW. Submitted to City of Los Angeles, Bureau of Engineering.

A17. Photographs (List subject, direction of view, and accession numbers or attach a Photograph Record):

A18. Form Prepared by: John M. Foster, RPA

Date: March 17, 2005

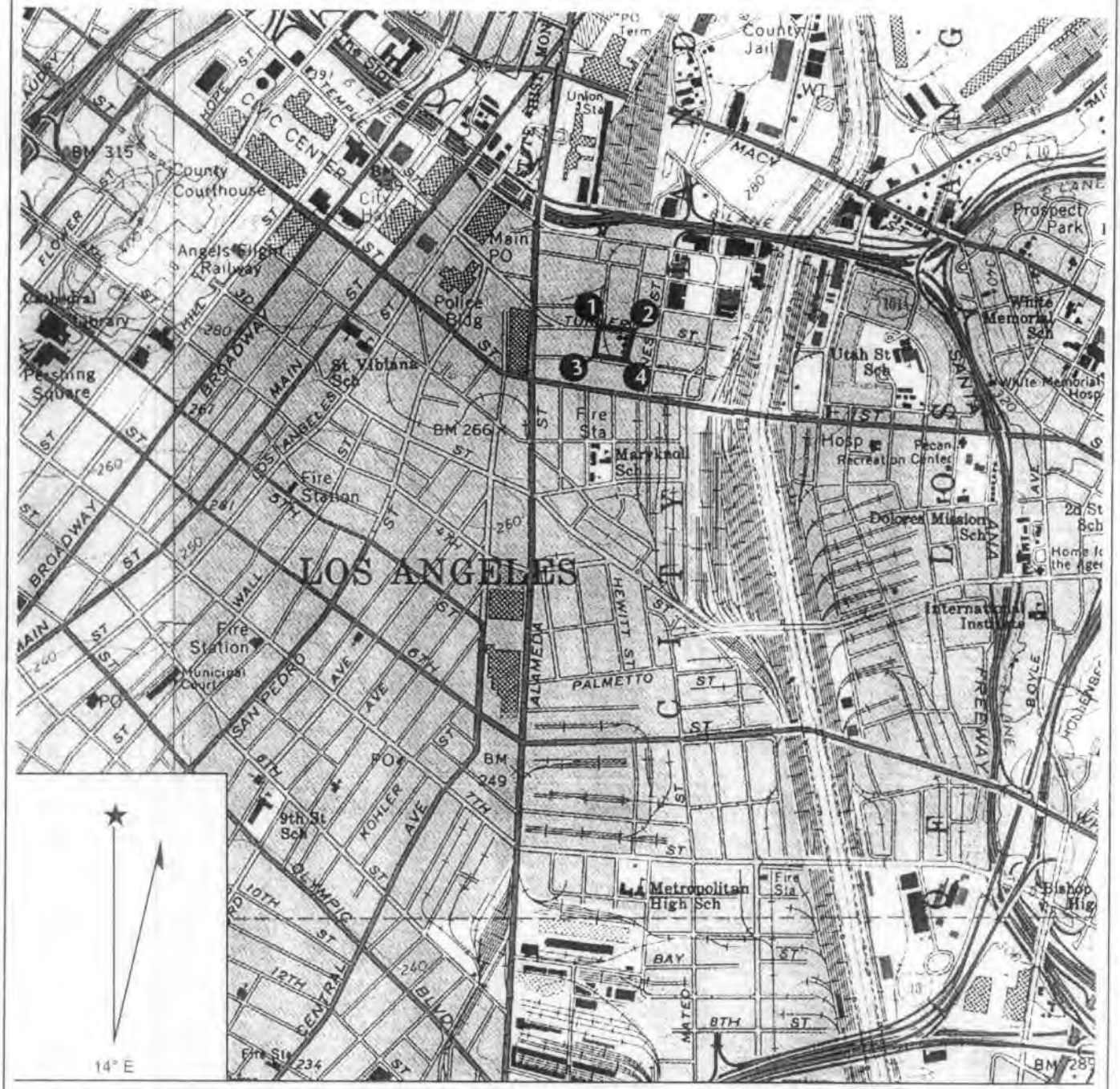
Affiliation and Address: Greenwood and Associates, 725 Jacon Way, Pacific Palisades, CA 90272

State of California - The Resource Agency
Department of Parks and Recreation
LOCATION MAP

Primary # 19-003352
Trinomial

Resource Identifier: Emergency Operations Center

Map Name: Los Angeles USGS **Scale:** 1:24,000 **Date of Map:** 1991



Name: LOS ANGELES
Date: 3/21/2005
Scale: 1 inch equals 1666 feet

Location: 11 386055 E 3768227 N
Caption: Site Location Map

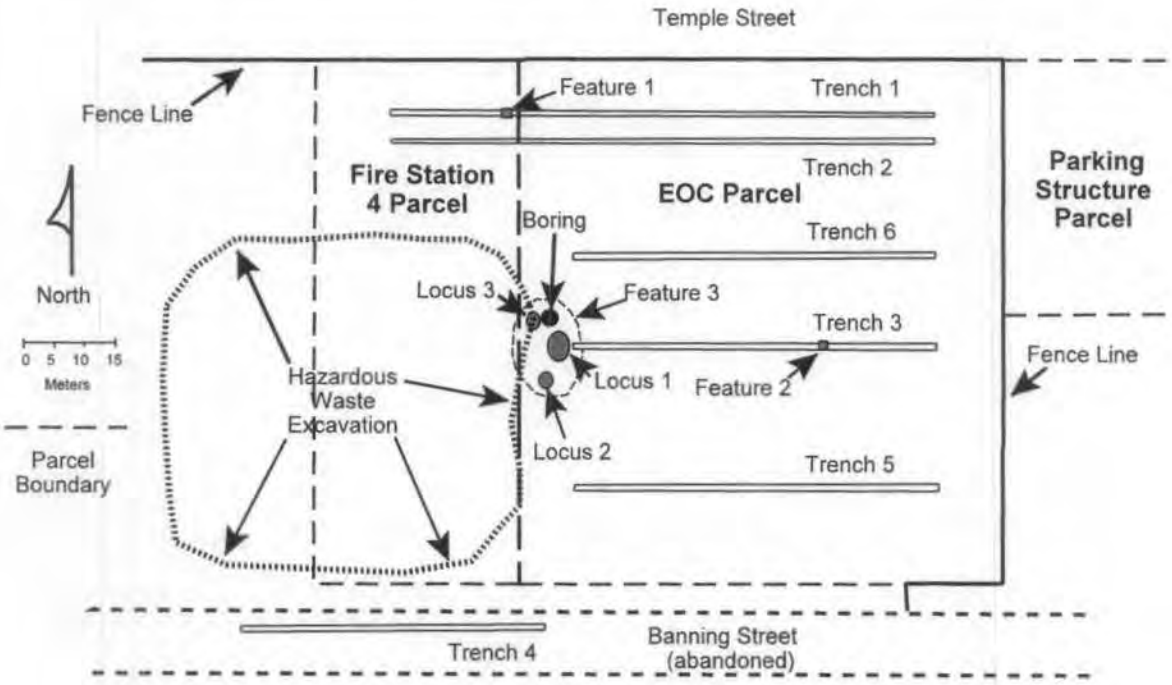
State of California - The Resource Agency
Department of Parks and Recreation

SKETCH MAP

Primary # 19-003352

Trinomial

Resource Identifier: Emergency Operations Center
Drawn by: John M. Foster **Date:** March 17, 2005



NOTE: Include bar scale and north arrow.

State of California - The Resource Agency
Department of Parks and Recreation

Photograph Record

Primary # 19-003352

Trinomial

Resource Identifier: Emergency Operations Center

Date: March 17, 2005, Camera: Olympus Ditigal



Figure 1. General site area, view to the west



Figure 2. Trench 1, view to the east



Figure 3. Trench 1, view to the east



Figure 4. View to west



Figure 5. General view southeast



Figure 6. General view to the east



Figure 7. Feature 1, view of metal in Trench 1 profile, view to the south



Figure 8. Feature 1, view to the north

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # 19-004113
HRI #
Trinomial CA-LAN-4113
NRHP Status Code

Other Listings
Review Code Reviewer Date

*Resource Name or #: Segment of Zanja No. 6-1

P1. Other Identifier:

*P2. Location: ■ Not for Publication ☐ Unrestricted *a. County: Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Los Angeles Date: 1966. Photo revised 1981; minor revisions 1994
Unsectioned of Sec; S.B.B.M.

c. Address: Across the 500 block of E. Temple Street between N. Alameda Street and the N. Garey Street
City: Los Angeles Zip: 90012

d. UTM: NAD83; Zone: 11; 385955.602mE/ 3768437.235mN (G.P.S.)

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

Across the 500 block of E. Temple Street between N. Alameda Street and the N. Garey Street; there is a plaque dedicated to and marking the presence of the *zanja* segment that is located directly in front of the fire station building at 425 E. Temple Street.

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

Elevation: Approximately 2' below ground surface

An extension of the *Zanja* 6-1, was exposed on January 30th, 2008. This division broke from the main ditch, the *Zanja Madre*, north of Los Angeles Street and flowed south between Alameda Street in the west and the Los Angeles River in the east. The No.1 split was constructed in 1857 and by 1888 the greater part of the conduits had been converted to cement pipe (See P5a image).

The portion of Zanja No.6-1 was uncovered on the southern side of E. Temple Street and measured just over 5 1/2 feet long and 2 feet wide. A drainage box, located to the east, appeared connected to the conduit. The box was roughly 26-35 inches long, 18 inches wide, and 37 inches in depth.

*P3b. Resource Attributes: (List attributes and codes) AH4 – Privies/dumps/trash scatters, AH6 – Water conveyance system

*P4. Resources Present: ☐Building ■Structure ☐Object ☐Site ☐District ☐Element of District ■Other (Isolates, etc.): Whiteware ceramic fragments

P5a. See continuation sheet

P5b. Description of Photo: (View, date, accession #)
See continuation sheet

*P6. Date Constructed/Age and Sources: ■Historic
☐Prehistoric ☐Both

*P7. Owner and Address:
City of Los Angeles, Public Works-Engineering

*P8. Recorded by: (Name, affiliation, and address)
Candace Ehringer & Frank Humprhies
Aecom
515 S. Flower Street
9th Floor
Los Angeles, Ca 90071

*P9. Date Recorded:
January 30, 2008

*P10. Survey Type: (Describe)
Archaeological Monitoring

*P11. Report Citation: (Cite survey report and other sources, or enter "none.")

Dietler, Sara et. al.
2010 *Archaeological Assessment For The Temple Street Widening Project City Of Los Angeles, California. AECOM.* Submitted to the City of Los Angeles, Bureau of Engineering.

Strauss, M.
2004 *Archaeological Resources Assesment for the Proposed Public Safety Facilities Master Plan Project, City of Los Angeles, California.* EDAW. Submitted to the City of Los Angeles, Bureau of Engineering.

*Attachments: ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ☐Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ■Artifact Record ☐Photograph Record ☐Other (List):

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHAEOLOGICAL SITE RECORD

Primary # 19-004113
Trinomial CA-LAN-4113

 *Resource Name or #: Segment of Zanja No. 6-1

*A1. Dimensions: a. Length: 5 ½ feet (N/S) × b. Width: 2 feet in diameter (E/W)
Method of Measurement: ☐ Paced ■ Taped ☐ Visual estimate ☐ Other:
Method of Determination (Check any that apply.): ☐ Artifacts ☐ Features ☐ Soil ☐ Vegetation ☐ Topography ☐ Cut bank ☐ Animal burrow ■ Excavation ☐ Property boundary ☐ Other (Explain):

Reliability of Determination: ■ High ☐ Medium ☐ Low Explain:

Limitations (Check any that apply): ☐ Restricted access ■ Paved/built over ☐ Site limits incompletely defined ☐ Disturbances ☐ Vegetation ☐ Other (Explain):

A2. Depth: Approximately 2 feet below surface level ☐ None ☐ Unknown Method of Determination: Excavation

*A3. Human Remains: ☐ Present ■ Absent ☐ Possible ☐ Unknown (Explain):

*A4. Features (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.):
See continuation sheet.

*A5. Cultural Constituents (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.):
See continuation sheet.

*A6. Were Specimens Collected? ☐ No ■ Yes (See technical report for artifact catalog. Artifacts will be curated at the San Diego Archaeological Center)

*A7. Site Condition: ■ Good ☐ Fair ☐ Poor (Describe disturbances.): Feature is located beneath street surfaces and buildings; portions of the feature appear to have been affected by previous construction activities.

*A8. Nearest Water (Type, distance, and direction.): Los Angeles River less than 2 miles to the east

*A9. Elevation:

A10. Environmental Setting (Describe culturally relevant variables such as vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.): Area is entirely developed.

A11. Historical Information:
During the early American period, the irrigation conduit was developed into a system and the first extension from the mother ditch was constructed in 1857. This extension, *Zanja* No.6-1, broke from the *Zanja Madre* north of Los Angeles Street and flowed south between Alameda Street in the west and the Los Angeles River in the east (Gumprecht 1999; Strauss 2004). Historic documents illustrate that *Zanja* No. 6-1 passed through the central portion of the Project area.

*A12. Age: ☐ Prehistoric ☐ Protohistoric ☐ 1542-1769 ☐ 1769-1848 ■ 1848-1880 ■1880-1914 ☐ 1914-1945 ☐ Post 1945 ☐ Undetermined **Describe position in regional prehistoric chronology or factual historic dates if known:**

A13. Interpretations (Discuss data potential, function[s], ethnic affiliation, and other interpretations):
It is unclear when *Zanja* No. 6-1 was discontinued, but by 1902, the city of Los Angeles had replaced the *zanja* system. This segment was likely converted for use as a storm drain.

A14. Remarks:

A15. References (Documents, informants, maps, and other references):
Strauss, M.
2004 Archaeological Resources Assesment for the Proposed Public Safety Facilities Master Plan Project, City of Los Angeles, California. EDAW. Submitted to the City of Los Angeles, Bureau of Engineering.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record.):
Original Media/Negatives Kept at:

*A17. Form Prepared by: Linda Kry Date: 2/18/2010
Affiliation and Address: AECOM 515 South Flower Street, 9th Floor, Los Angeles, CA 90071

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # 19-004113
HRI#
Trinomial CA-LAN-4113

*Resource Name or #: Segment of Zanja No. 6-1

*Map Name: Los Angeles

*Scale: See below *Date of Map: See below



Source: USGS 7.5' - Los Angeles Quandrangle, California (2004)

Key

● Cultural resource

AECOM

Site Location Map

1" equals 2,000 feet

0 0.25 0.5 0.75 1 Miles

DPR 523J (1/95)

*Required information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary # 19-004113
HRI#
Trinomial CA-LAN-4113

*Resource Name or #: Segment of Zanja No. 6-1



Source: Terraserver-USA

AECOM

0 100 200 400 600 800 Feet

Site Sketch map

Archaeological Assessment for the Temple Street Widening Project City of Los Angeles, California

*Drawn By: James Wallace

*Date: 2/18/2010

DPR 523K (1/95)

*Required information

P5a. Photo or Drawing (Photo required for buildings, structures, and objects.):



P5b. **Description of Photo: (View, date, accession #):**
Image of cemented Zanja No. 6-1 segment located on the southern side of E. Temple Street. View to North.

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.):
Feature 3 is a structural feature that was encountered during construction activities. Feature 3 consists of a segment of the *Zanja 6-1* that was discovered during hand excavation on the south side of Temple Street. The exposed portion of the segment measured 11 feet long by 24 inches wide and did not appear to evidence any damage or loss of integrity. The segment was discovered approximately 24 inches below the bottom edge of Temple Street's southern curb and appeared to extend from the curb north under Temple Street.

***A5. Cultural Constituents** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.):
Overlaying part of this *zanja* segment was a layer of concrete, approximately four inches thick. The concrete did not appear to have damaged the *zanja* in any way. Three whiteware type ceramic fragments, with a date range of 1810 to the present, were found just above the feature.

A catch basin was uncovered east of the segment, near the southern end of the exposed portion of the *zanja*. The catch basin was approximately 26 to 35 inches long and 18 inches wide, with the basin itself measuring at least 32 inches deep. Sediment within the catch basin was hand excavated and did not contain any diagnostic historic artifacts. The west wall of the catch basin contained a hole, which may connect with the *zanja*. However, there was a six inch inactive modern pipe that cut through a section of the Zanja, apparently the results of previous utility construction not related to the Temple Street Widening Project activities. When the *zanja* was no longer used to supply water to Los Angeles, parts of it were converted for use as sewer and storm drains. The catch basin may represent this segment's use as a storm drain.

APPENDIX D:

ENERGY CONSUMPTION WORKSHEETS

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Main Street Tower Project
Construction Fuel Calculations

PHASE Project Construction (On-Site)		Lbs/day Total CO2 [a]	Construction (# of Days)	Emission Factor [b] (22.4 lbs/gal.)	Diesel Fuel (Gallons)	
Demolition/Site Preparation 2023		3,728.22	22	22.40	3,661.64	
Grading/Excavation 2023-2024		6,953.11	129	22.40	40,042.46	
Building Construction 2024-2025		3,753.74	400	22.40	67,031.07	
Paving 2025		1,103.37	22	22.40	1,083.67	
Architectural Coating 2025-2026		1,717.89	96	22.40	7,362.39	
	SubTotal	**17,256.33**			**119,181.23**	**Diesel**

Notes

[a] See Appendix A, Air Quality Worksheets,Proposed Project (On-site construction emissions for heavy duty diesel equipment).

[b] CO emisisons to fuel consumption converstion factior derived from U.S. Energy Information Administration [http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11]

PHASE Project Construction (Off-Site)		Lbs/day Total CO2 [c]	Construction (# of Days)	Emission Factor [d] (18.9 lbs/gal.)	Gasoline Fuel (Gallons)	
Demolition/Site Preparation 2023		1,409.64	22	18.90	1,640.85	
Grading/Excavation 2023-2024		1,026.31	129	18.90	7,004.97	
Building Construction 2024-2025		4,643.65	400	18.90	98,278.31	
Paving 2025		89.30	22	18.90	103.95	
Architectural Coating 2025-2026		580.45	96	18.90	2,948.32	
	SubTotal	**7,749.35**			**109,976.40**	**Gasoline**
	TOTAL	**25,005.68**			**229,157.63**	**Gas and Diesel**

Notes

[c] See Appendix A, Air Quality Worksheets, Project Conditions (Off-site construction emissions for hauling, vendor, and worker trips).

[d] CO emisisons to fuel consumption converstion factor derived from U.S. Energy Information Administration [http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11]

Source: Parker Environmental Consultants, 2019

PARKER
ENVIRONMENTAL CONSULTANTS

Main Street Tower Project
Operational Fuel Calculations

		Annual Vehicle Miles Traveled	Annual Metric Tons CO2e [c]	Conversion (1 MT = 2204.62 lbs.)	Annual lbs CO2e	Emission Factor [d] (18.9 lbs/gal.)	Gasoline Fuel (Gallons)
Mobile Source		3,364,707	1,264.32	2,204.60	2,787,319.87	18.90	147,477.24
	SubTotal		**1,264.32**		**2,787,319.87**		**147,477.24**

Source: Parker Environmental Consultants, 2019

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201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

FRANK M. BUSH
GENERAL MANAGER
SUPERINTENDENT OF BUILDING

OSAMA YOUNAN, P.E.
EXECUTIVE OFFICER

SOILS REPORT APPROVAL LETTER

February 4, 2020

LOG # 111721
SOILS/GEOLOGY FILE - 2

Frontier Holdings West, LLC.
888 S. Figueroa St.
Los Angeles, CA 90017

TRACT: 2289
LOT(S): 34-41
LOCATION: 1123 - 1161 S. Main Street

CURRENT REFERENCE REPORT/LETTER(S)	REPORT No.	DATE OF DOCUMENT	PREPARED BY
Soils Report	21704	12/19/2018	Geotechnologies, Inc.

The Grading Division of the Department of Building and Safety has reviewed the referenced preliminary geotechnical engineering report that provides preliminary and limited grading and foundation recommendations for a proposed 30-story high mixed-use structure. The earth materials at the subsurface exploration locations consist of up to 2 feet of uncertified fill underlain by sand and silty sand. The consultants recommend to support the tower portion of the structure on a mat foundation deriving support from competent native soils, and the podium extending beyond the footprint of the tower on conventional footings deriving support from compacted fill.

The referenced report is acceptable, provided the following conditions are complied with during site development:

1. Prior to issuance of any building or grading permits, a comprehensive geotechnical report with supplemental field exploration, laboratory testing, updated engineering analyses and foundation recommendations shall be submitted to the Department for review and approval.

YING LIU
Geotechnical Engineer II

Log No. 111721
213-482-0480

cc: Geotechnologies, Inc., Project Consultant
LA District Office

AN EQUAL EMPLOYMENT OPPORTUNITY - AFFIRMATIVE ACTION EMPLOYER

Geotechnologies, Inc.
Consulting Geotechnical Engineers
439 Western Avenue
Glendale, California 91201-2837
818.240.9600 • Fax 818.240.9675

December 19, 2018
File Number 21704

Frontier Holdings West, LLC;
Regal Group, LLC;
Main Fund Associates, LLC;
Main Street Tower
888 South Figueroa Street, Suite 1900
Los Angeles, California 90017

Attention: Daniel Taban

Subject: Preliminary Geotechnical Engineering Investigation
Proposed Mixed-Use Tower
1123 through 1161 South Main Street, Los Angeles, California

Dear Mr. Taban:

This letter transmits the Preliminary Geotechnical Engineering Investigation for the subject site prepared by Geotechnologies, Inc. This report provides preliminary geotechnical recommendations for the development of the site, including earthwork, seismic design, excavations, retaining walls, shoring and foundation design.

This report is preliminary in nature because the proposed project plan remains under development and is not well defined at this time. Due to its preliminary nature, this report is not intended for submission to the building official for building permit purposes. Once the proposed development plan achieves refinement, this firm should prepare a comprehensive geotechnical engineering investigation, suitable for submission to the building official. Supplemental subsurface exploration and laboratory testing, as well as the re-evaluation of the design parameters provided herein, will be required in order to prepare a comprehensive geotechnical engineering investigation. Engineering for the proposed project should not begin until approval of the comprehensive geotechnical investigation is granted by the local building official. Significant changes in the geotechnical recommendations may result due to the building department review process.

The validity of the recommendations presented herein is dependent upon review of the geotechnical aspects of the project during construction by this firm. The subsurface conditions described herein have been projected from limited subsurface exploration and laboratory testing. The exploration and testing presented in this report should in no way be construed to reflect any variations which may occur between the exploration locations or which may result from changes in subsurface conditions.

Should you have any questions please contact this office.

Respectfully submitted,
GEOTECHNOLOGIES, INC.

REGISTERED PROFESSIONAL ENGINEER
GREGORIO VARELA
No. 81201
Exp. 9/30/21
CIVIL
STATE OF CALIFORNIA

GREGORIO VARELA
R.C.E. 81201

GV:km

Distribution: (4) Addressee

Email to: [daniel@jadeent.com]

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PRELIMINARY GEOTECHNICAL ENGINEERING INVESTIGATION
PROPOSED MIXED-USE TOWER
1123 THROUGH 1161 SOUTH MAIN STEET
LOS ANGELES, CALIFORNIA

INTRODUCTION

This report presents the results of the preliminary geotechnical engineering investigation performed on the subject site. The purpose of this investigation was to identify the distribution and engineering properties of the geologic materials underlying the site, and to provide geotechnical recommendations for the design of the proposed development.

This report is preliminary in nature because the proposed project plan remains under development and is not well defined at this time. Due to its preliminary nature, this report is not intended for submission to the building official for building permit purposes. Once the proposed development plan achieves refinement, this firm should prepare a comprehensive geotechnical engineering investigation, suitable for submission to the building official. Supplemental subsurface exploration and laboratory testing, as well as the re-evaluation of the design parameters provided herein, will be required in order to prepare a comprehensive geotechnical engineering investigation.

This investigation included excavation of two exploratory borings, collection of representative samples, laboratory testing, engineering analysis, review of published geologic data, review of available geotechnical engineering information and the preparation of this report. The exploratory excavation locations are shown on the enclosed Plot Plan. The results of the exploration and the laboratory testing are presented in the Appendix of this report.

PROPOSED DEVELOPMENT

Information concerning the proposed development was furnished by the client. In addition, the Concept Design drawings, prepared by MVE and Partners, dated September 13, 2018, were reviewed for the preparation of this report. The proposed project consists of a 30-story mixed-use tower. The four lower levels of the structure will consist of a podium, occupied by parking and retail space. The tower will be located in the central area of the podium, and will be occupied by residential space. The proposed structure will be built at-grade. The alignment of the proposed structure is shown in the enclosed Plot Plan.

Structural information for the proposed structure is not available at this time. Grading is expected to consist of removal and recompaction of existing unsuitable soils. Any changes in the design of the project or location of any structure, as outlined in this report, should be reviewed by this office. The recommendations contained in this report should not be considered valid until reviewed and modified or reaffirmed, in writing, subsequent to such review.

SITE CONDITIONS

The site is located at 1123 through 1161 South Main Street, in the Downtown area of the City of Los Angeles, California. The subject site is rectangular in shape, and just over one acre in area. The site is bounded by a parking lot to the north, Main Street to the east, 12th Street to the south, and a city alleyway to the west. The site is shown relative to nearby topographic features in the enclosed Vicinity Map.

The site is relatively level, with no pronounced highs or lows. The site is currently developed with four single-story commercial buildings and a paved parking lot. Vegetation at the site is non-existent. Drainage across the site appears to be by sheetflow to the city streets.

GEOTECHNICAL EXPLORATION

FIELD EXPLORATION

The site was explored on November 6, 2018 by drilling two borings. The borings were drilled to a depth of 30 and 60 feet, respectively, with the aid of a truck-mounted drilling machine using 8-inch diameter hollowstem augers. The exploration locations are shown on the Plot Plan and the geologic materials encountered are logged on Plates A-1 and A-2.

The location of exploratory borings was determined by hardscaped features shown in the enclosed Plot Plan. The location of the exploratory borings should be considered accurate only to the degree implied by the method used.

Geologic Materials

Fill materials were encountered in the exploratory borings to a depth of 3 feet below the existing grade. The fill consists of silty sands, which are dark brown in color, moist, medium dense, and fine grained.

The fill is in turn underlain by native alluvial soils, consisting of interlayered mixtures of sands and silty sands. The native alluvial soils are yellowish brown, olive brown and dark brown in color, moist, medium dense to very dense, and fine to coarse grained, with cobbles and gravel. More detailed descriptions of the earth materials encountered may be obtained from individual logs of the subsurface excavations.

Groundwater

Groundwater was not encountered during exploration, conducted to a maximum depth of 60 feet below the existing site grade. The historically highest groundwater level was established by review of the Hollywood 7½ Minute Quadrangle Seismic Hazard Evaluation Report, Plate 1.2, Historically Highest Ground Water Contours (CDMG, 2006). Review of this plate indicates that the historically highest groundwater level at the site was on the order of 115 feet below grade. A copy of this plate is included in the Appendix as Historically Highest Groundwater Levels Map.

Fluctuations in the level of groundwater may occur due to variations in rainfall, temperature, and other factors not evident at the time of the measurements reported herein. Fluctuations also may occur across the site. High groundwater levels can result in changed conditions.

Caving

Caving could not be directly observed during exploration due to the type of excavation equipment utilized. Based on the experience of this firm, large diameter excavations, excavations that encounter granular, cohesionless soils will most likely experience caving.

CITY OF LOS ANGELES METHANE ZONE

Based on review of the NavigateLA Website, developed by the City of Los Angeles, Bureau of Engineering, Department of Public Works, the subject site is located within the limits of a City of Los Angeles Methane Zone. A qualified methane consultant should be retained to consider the requirements and implications of the City's Methane Zone designation.

OIL WELLS

Based on review of the California State Division of Oil, Gas and Geothermal Resources (DOGGR) On-line Mapping System, the site is located within the limits of the Los Angeles Downtown Oil Field. A copy of this map has been enclosed in the Appendix as the Oil Field and Oil Well Map.

Review of the DOGGR On-line Mapping System also indicates that no oil or gas wells were drilled within the subject site. As shown on the enclosed Oil Field and Oil Well Map, the closest wells were drilled approximately 700 feet to the southwest of the site.

SEISMIC EVALUATION

REGIONAL GEOLOGIC SETTING

The subject site is located in the Los Angeles Basin of the northern portion of the Peninsular Ranges Geomorphic Province. The Peninsular Ranges are characterized by northwest-trending blocks of mountain ridges and sediment-floored valleys. The dominant geologic structural features are northwest trending fault zones that either die out to the northwest or terminate at east-trending reverse faults that form the southern margin of the Transverse Ranges.

The Los Angeles Basin is located at the northern end of the Peninsular Ranges Geomorphic Province. The basin is bounded by the east and southeast by the Santa Ana Mountains and San Joaquin Hills, to the northwest by the Santa Monica Mountains. Over 22 million years ago the Los Angeles basin was a deep marine basin formed by tectonic forces between the North American and Pacific plates. Since that time, over 5 miles of marine and non-marine sedimentary rock as well as intrusive and extrusive igneous rocks have filled the basin. During the last 2 million years, defined by the Pleistocene and Holocene epochs, the Los Angeles basin and surrounding mountain ranges have been uplifted to form the present day landscape. Erosion

of the surrounding mountains has resulted in deposition of unconsolidated sediments in low-lying areas by rivers such as the Los Angeles River. Areas that have experienced subtle uplift have been eroded with gullies.

REGIONAL FAULTING

Based on criteria established by the California Division of Mines and Geology (CDMG) now called California Geologic Survey (CGS), faults may be categorized as active, potentially active, or inactive. Active faults are those which show evidence of surface displacement within the last 11,000 years (Holocene-age). Potentially-active faults are those that show evidence of most recent surface displacement within the last 1.6 million years (Quaternary-age). Faults showing no evidence of surface displacement within the last 1.6 million years are considered inactive for most purposes, with the exception of design of some critical structures.

Buried thrust faults are faults without a surface expression but are a significant source of seismic activity. They are typically broadly defined based on the analysis of seismic wave recordings of hundreds of small and large earthquakes in the southern California area. Due to the buried nature of these thrust faults, their existence is usually not known until they produce an earthquake. The risk for surface rupture potential of these buried thrust faults is inferred to be low (Leighton, 1990). However, the seismic risk of these buried structures in terms of recurrence and maximum potential magnitude is not well established. Therefore, the potential for surface rupture on these surface-verging splays at magnitudes higher than 6.0 cannot be precluded.

SEISMIC HAZARDS AND DESIGN CONSIDERATIONS

The primary geologic hazard at the site is moderate to strong ground motion (acceleration) caused by an earthquake on any of the local or regional faults. The potential for other earthquake-induced hazards was also evaluated including surface rupture, liquefaction, dynamic settlement, inundation and landsliding.

Surface Rupture

In 1972, the Alquist-Priolo Special Studies Zones Act (now known as the Alquist-Priolo Earthquake Fault Zoning Act) was passed into law. The Act defines "active" and "potentially active" faults utilizing the same aging criteria as that used by California Geological Survey (CGS). However, established state policy has been to zone only those faults which have direct evidence of movement within the last 11,000 years. It is this recency of fault movement that the CGS considers as a characteristic for faults that have a relatively high potential for ground rupture in the future.

CGS policy is to delineate a boundary from 200 to 500 feet wide on each side of the known fault trace based on the location precision, the complexity, or the regional significance of the fault. If a site lies within an Earthquake Fault Zone, a geologic fault rupture investigation must be performed that demonstrates that the proposed building site is not threatened by surface displacement from the fault before development permits may be issued.

Ground rupture is defined as surface displacement which occurs along the surface trace of the causative fault during an earthquake. Based on research of available literature and results of site reconnaissance, no known active or potentially active faults underlie the subject site. In addition, the subject site is not located within an Alquist-Priolo Earthquake Fault Zone. Based on these considerations, the potential for surface ground rupture at the subject site is considered low.

2016 California Building Code Seismic Parameters

Based on information derived from the subsurface investigation, the subject site is classified as Site Class D, which corresponds to a "Stiff Soil" Profile, according to Table 20.3-1 of ASCE 7-10. This information and the site coordinates were input into the USGS U.S. Seismic Design Maps tool (Version 3.1.0) to calculate the ground motions for the site.

2016 CALIFORNIA BUILDING CODE SEISMIC PARAMETERS	
Site Class	D
Mapped Spectral Acceleration at Short Periods (S_S)	2.288g
Site Coefficient (F_a)	1.0
Maximum Considered Earthquake Spectral Response for Short Periods (S_{MS})	2.288g
Five-Percent Damped Design Spectral Response Acceleration at Short Periods (S_{DS})	1.525g
Mapped Spectral Acceleration at One-Second Period (S_1)	0.804g
Site Coefficient (F_v)	1.5
Maximum Considered Earthquake Spectral Response for One-Second Period (S_{M1})	1.207g
Five-Percent Damped Design Spectral Response Acceleration for One-Second Period (S_{D1})	0.804g

Deaggregated Seismic Source Parameters

The peak ground acceleration (PGA) and modal magnitude were obtained from the USGS Probabilistic Seismic Hazard Deaggregation program (USGS, 2008). The results are based on a 2 percent in 50 years ground motion (2,475 year return period). A shear wave velocity of 259 meters per second was utilized for Vs30. The deaggregation program indicates a PGA of 0.79g and a modal magnitude of 6.5 for the site.

Liquefaction

Liquefaction is a phenomenon in which saturated silty to cohesionless soils below the groundwater table are subject to a temporary loss of strength due to the buildup of excess pore pressure during cyclic loading conditions such as those induced by an earthquake. Liquefaction-related effects include loss of bearing strength, amplified ground oscillations, lateral spreading, and flow failures.

Review of the California Seismic Hazards Zones Map for the Hollywood Quadrangle (CDMG 1999), indicates that the subject site is not located within a "Liquefiable" area. This determination is based on groundwater records, soil type and distance to a fault capable of producing a substantial earthquake. A copy of this map has been enclosed to this report.

Groundwater was not encountered during exploration, conducted to a maximum depth of 60 feet below the existing site grade. The historically highest groundwater level for the site is reported to be on the order of 115 feet below grade. Based on the density of the soils underlying the site, and the mapped depth to the historically highest groundwater level, the soils underlying the site are not considered capable of liquefaction during the ground motion expected during the design-based earthquake.

Dynamic Dry Settlement

Seismically-induced settlement or compaction of dry or moist, cohesionless soils can be an effect related to earthquake ground motion. Such settlements are typically most damaging when the settlements are differential in nature across the length of structures.

Some seismically-induced settlement of the proposed structures should be expected as a result of strong ground-shaking, however, due to the uniform nature of the underlying geologic materials, excessive differential settlements are not expected to occur.

Tsunamis, Seiches and Flooding

Tsunamis are large ocean waves generated by sudden water displacement caused by a submarine earthquake, landslide, or volcanic eruption. Review of the County of Los Angeles Flood and Inundation Hazards Map, Leighton (1990), indicates the site does not lie within the mapped tsunami inundation boundaries.

Review of the County of Los Angeles Flood and Inundation Hazards Map, Leighton (1990), indicates the site lies within the potential mapped inundation boundaries of the Hansen and Sepulveda Reservoirs, should the dam retaining these reservoirs fail during a seismic event. A determination of whether a higher site elevation would remove the site from the potential inundation zones is beyond the scope of this investigation.

Landsliding

The probability of seismically-induced landslides occurring on the site is considered to be low due to the general lack of elevation difference across or adjacent to the site.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the exploration, laboratory testing, and research, it is the preliminary finding of Geotechnologies, Inc. that construction of the proposed structure is considered feasible from a geotechnical engineering standpoint provided the advice and recommendations presented herein are followed and implemented during construction.

This report is preliminary in nature since the proposed project plan remains under development and is not well defined at this time. Due to its preliminary nature, this report is not intended for submission to the building official for building permit purposes. Once the proposed development plan achieves refinement, this firm should be contacted so the design parameters provided herein are revised and/or re-evaluated, and a comprehensive geotechnical engineering investigation suitable for submission to the building official is prepared. Supplemental subsurface exploration and analyses will be required in order to prepare a comprehensive geotechnical engineering investigation.

During exploration, fill materials were observed to extend to a depth of 3 feet below the existing grade. The existing fill materials are unsuitable for support of new foundations and concrete slabs-on-grade, but they may be re-used for the preparation of compacted fill subgrades.

It is recommended that the tower portion of the structure is supported on a mat foundation bearing in undisturbed native alluvial soils. The portion of the podium extending beyond the footprint of the tower may be supported by conventional foundations bearing in a properly compacted fill pad. For the preparation of a compacted fill pad, all existing fill materials and upper alluvial soils shall be removed and recompacted to a minimum depth of 3 feet below the bottom of the proposed foundations. In addition, the compacted fill should extend horizontally a minimum of 3 feet beyond the edge of foundations, or for a distance equal to the depth of fill below the foundation, whichever is greater.

It is expected that temporary grading and foundation excavations will extend immediately adjacent to the property lines. These temporary excavations will require the use of slot cuts or shoring, to provide a stable excavation. Slot cut and shoring recommendations are provided in the Temporary Excavations Section of this report.

The validity of the conclusions and design recommendations presented herein is dependent upon review of the geotechnical aspects of the proposed construction by this firm. The subsurface conditions described herein have been projected from excavations on the site as indicated and should in no way be construed to reflect any variations which may occur between these excavations or which may result from changes in subsurface conditions. Any changes in the design, as outlined in this report, should be reviewed by this office. The recommendations contained herein should not be considered valid until reviewed and modified or reaffirmed subsequent to such review.

EXPANSIVE SOILS

The onsite geologic materials are in the very low to low expansion range. The Expansion Index was found to be 7 and 35 for representative bulk samples. Recommended reinforcing is provided in the "Foundation Design" and "Slab-On-Grade" sections of this report.

WATER-SOLUBLE SULFATES

The Portland cement portion of concrete is subject to attack when exposed to water-soluble sulfates. Usually the two most common sources of exposure are from soil and marine environments.

The sources of natural sulfate minerals in soils include the sulfates of calcium, magnesium, sodium, and potassium. When these minerals interact and dissolve in subsurface water, a sulfate concentration is created, which will react with exposed concrete. Over time sulfate attack will destroy improperly proportioned concrete well before the end of its intended service life.

The water-soluble sulfate content of the onsite geologic materials was tested by California Test 417. The water-soluble sulfate content was determined to be less than 0.1% percentage by weight for the soils tested. Based on American Concrete Institute (ACI) Standard 318-08, the sulfate exposure is considered to be negligible for geologic materials with less than 0.1% and Type I cement may be utilized for concrete foundations in contact with the site soils.

GRADING GUIDELINES

Site Preparation

- A thorough search should be made for possible underground utilities and/or structures. Any existing or abandoned utilities or structures located within the footprint of the proposed grading should be removed or relocated as appropriate.

- All vegetation, existing fill, and soft or disturbed geologic materials should be removed from the areas to receive controlled fill. All existing fill materials and any disturbed geologic materials resulting from grading operations shall be completely removed and properly recompacted prior to foundation excavation.

- Any vegetation or associated root system located within the footprint of the proposed structures should be removed during grading.

- Subsequent to the indicated removals, the exposed grade shall be scarified to a depth of six inches, moistened to optimum moisture content, and recompacted in excess of the minimum required comparative density.

- The excavated areas shall be observed by the geotechnical engineer prior to placing compacted fill.

Recommended Overexcavation

For the portions of the podium extending beyond the footprint of the tower, where conventional foundations will bear on a compacted fill pad, all existing fill and upper native alluvial soils shall be excavated to a minimum depth of 3 feet below the bottom of the proposed foundations. In addition, the excavation shall extend horizontally at least 3 feet beyond the edge of foundations, or for a distance equal to the depth of fill below the foundations, whichever is greater.

Over-excavation will not be required within the footprint of the proposed tower, since the mat foundation supporting this portion of the structure will bear in undisturbed native soils.

Compaction

The City of Los Angeles Department of Building and Safety requires a minimum comparative compaction of 95 percent of the laboratory maximum density where the soils to be utilized in the fill have less than 15 percent finer than 0.005 millimeters. The soils tested by this firm will require the 95 percent compaction requirement. Comparative compaction is defined, for purposes of these guidelines, as the ratio of the in-place density to the maximum density as determined by applicable ASTM testing.

All fill should be mechanically compacted in layers not more than 8 inches thick. The materials placed should be moisture conditions to within 3 percent of the optimum moisture content of the particular material placed.

Field observation and testing shall be performed by a representative of the geotechnical engineer during grading to assist the contractor in obtaining the required degree of compaction and the proper moisture content. Where compaction is less than required, additional compactive effort shall be made with adjustment of the moisture content, as necessary, until a minimum of 95 percent compaction is obtained.

Acceptable Materials

The excavated onsite materials are considered satisfactory for reuse in the controlled fills as long as any debris and/or organic matter is removed. Cobbles should be expected within the materials to be reused as controlled fill. Where cobbles are encountered, the size of the cobbles shall be limited to a maximum of 6 inches in dimension.

Any imported materials shall be observed and tested by the representative of the geotechnical engineer prior to use in fill areas. Imported materials should contain sufficient fines so as to be relatively impermeable and result in a stable subgrade when compacted. Any required import materials should consist of geologic materials with an expansion index of less than 40. The water-soluble sulfate content of the import materials should be less than 0.1% percentage by weight.

Imported materials should be free from chemical or organic substances which could affect the proposed development. A competent professional should be retained in order to test imported materials and address environmental issues and organic substances which might affect the proposed development.

Utility Trench Backfill

Utility trenches should be backfilled with controlled fill. The utility should be bedded with clean sands at least one foot over the crown. The remainder of the backfill may be onsite soil compacted to 95 percent of the laboratory maximum density. Utility trench backfill should be tested by representatives of this firm in general accordance with the most recent revision of ASTM D 1557.

Shrinkage

Shrinkage results when a volume of soil removed at one density is compacted to a higher density. A shrinkage factor between 5 and 15 percent should be anticipated when excavating and recompacting the existing fill and underlying native geologic materials on the site to an average comparative compaction of 95 percent.

Weather Related Grading Considerations

When rain is forecast all fill that has been spread and awaits compaction shall be properly compacted prior to stopping work for the day or prior to stopping due to inclement weather. These fills, once compacted, shall have the surface sloped to drain to an area where water can be removed.

Temporary drainage devices should be installed to collect and transfer excess water to the street in non-erosive drainage devices. Drainage should not be allowed to pond anywhere on the site, and especially not against any foundation or retaining wall. Drainage should not be allowed to flow uncontrolled over any descending slope.

Work may start again, after a period of rainfall, once the site has been reviewed by a representative of this office. Any soils saturated by the rain shall be removed and aerated so that the moisture content will fall within three percent of the optimum moisture content.

Surface materials previously compacted before the rain shall be scarified, brought to the proper moisture content and recompacted prior to placing additional fill, if considered necessary by a representative of this firm.

Abandoned Seepage Pits

No abandoned seepage pits were encountered during exploration and none are known to exist on the site. However, should such a structure be encountered during grading, options to permanently abandon seepage pits include complete removal and backfill of the excavation with compacted fill, or drilling out the loose materials and backfilling to within a few feet of grade with slurry, followed by a compacted fill cap.

If the subsurface structures are to be removed by grading, the entire structure should be demolished. The resulting void may be refilled with compacted soil. Concrete and brick generated during the seepage pit removal may be reused in the fill as long as all fragments are less than 6 inches in longest dimension and the debris comprises less than 15 percent of the fill by volume. All grading should comply with the recommendations of this report.

Where the seepage pit structure is to be left in place, the seepage pits should cleaned of all soil and debris. This may be accomplished by drilling. The pits should be filled with minimum two sack concrete slurry to within 5 feet of the bottom of the proposed foundations. In order to provide a more uniform foundation condition, the remainder of the void should be filled with controlled fill.

Geotechnical Observations and Testing During Grading

Geotechnical observations and testing during grading are considered to be a continuation of the geotechnical investigation. It is critical that the geotechnical aspects of the project be reviewed by representatives of Geotechnologies, Inc. during the construction process. Compliance with the design concepts, specifications or recommendations during construction requires review by this firm during the course of construction. Any fill which is placed should be observed, tested, and verified if used for engineered purposes. Please advise this office at least twenty-four hours prior to any required site visit.

Proper compaction is necessary to reduce settlement of overlying improvements. Some settlement of compacted fill should be anticipated. Any utilities supported therein should be designed to accept differential settlement. Differential settlement should also be considered at the points of entry to the structure.

LEED Considerations

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System encourages adoption of sustainable green building and development practices. Credit for LEED Certification can be assigned for reuse of construction waste and diversion of materials from landfills in new construction.

In an effort to provide the design team with a viable option in this regard, demolition debris could be crushed onsite in order to use it in the ongoing grading operations. The environmental ramifications of this option, if any, should be considered by the team.

The demolition debris should be limited to concrete, asphalt and other non-deleterious materials. All deleterious materials should be removed including, but not limited to, paper, garbage, ceramic materials and wood.

For structural fill applications, the materials should be crushed to 2 inches in maximum dimension or smaller. The crushed materials should be thoroughly blended and mixed with onsite soils prior to placement as compacted fill. The amount of crushed material should not exceed 20 percent. The blended and mixed materials should be tested by this office prior to placement to insure it is suitable for compaction purposes. The blended and mixed materials should be tested by Geotechnologies, Inc. during placement to insure that it has been compacted in a suitable manner.

FOUNDATION DESIGN

It is recommended that the tower portion of the structure is supported on a mat foundation bearing in undisturbed native alluvial soils. The portion of the podium extending beyond the footprint of the tower may be supported by conventional foundations, bearing in a properly compacted fill pad.

Mat Foundation for Tower

The mat foundation shall bear in undisturbed native alluvial soils. For design purposes, an average bearing pressure of up to 5,000 pounds per square foot, with locally higher pressures up to 10,000 pounds per square foot may be utilized in the mat foundation design.

The mat foundation may be designed utilizing a modulus of subgrade reaction of 250 pounds per cubic inch. This value is a unit value for use with a one-foot square footing. The modulus should be reduced in accordance with the following equation when used with larger foundations.

$$K = K_1 * [(B + 1) / (2 * B)]^2$$

where K = Reduced Subgrade Modulus
K1 = Unit Subgrade Modulus
B = Foundation Width (feet)

The bearing values indicated above are for the total of dead and frequently applied live loads, and may be increased by one third for short duration loading, which includes the effects of wind or seismic forces. Since the recommended bearing value is a net value, the weight of concrete in the foundations may be taken as 50 pounds per cubic foot and the weight of the soil backfill may be neglected when determining the downward load on the foundations.

Conventional Foundations for Podium

Continuous foundations may be designed for a bearing capacity of 3,500 pounds per square foot, and should be a minimum of 12 inches in width, 18 inches in depth below the lowest adjacent grade and 18 inches into the recommended compacted fill pad.

Column foundations may be designed for a bearing capacity of 4,000 pounds per square foot, and should be a minimum of 24 inches in width, 18 inches in depth below the lowest adjacent grade and 18 inches into the recommended compacted fill pad.

The bearing capacity increase for each additional foot of width is 250 pounds per square foot. The bearing capacity increase for each additional foot of depth is 500 pounds per square foot. The maximum recommended bearing capacity is 6,000 pounds per square foot.

A minimum factor of safety of 3 was utilized in determining the allowable bearing capacities. The bearing values indicated above are for the total of dead and frequently applied live loads, and may be increased by one third for short duration loading, which includes the effects of wind or seismic forces. Since the recommended bearing value is a net value, the weight of concrete in the foundations may be taken as 50 pounds per cubic foot and the weight of the soil backfill may be neglected when determining the downward load on the foundations.

All continuous foundations should be reinforced with a minimum of four #4 steel bars. Two should be placed near the top of the foundation, and two should be placed near the bottom.

Miscellaneous Foundations

Foundations for small miscellaneous outlying structures, such as property line fence walls, planters, exterior canopies, and trash enclosures, which will not be tied-in to the proposed hotel structure, may be supported on conventional foundations bearing in properly compacted fill and/or the native soils. Wall footings may be designed for a bearing value of 1,500 pounds per square foot, and should be a minimum of 12 inches in width, 18 inches in depth below the lowest adjacent grade and 18 inches into the recommended bearing material. No bearing value increases are recommended. All continuous foundations should be reinforced with a minimum of four #4 steel bars. Two should be placed near the top of the foundation, and two should be placed near the bottom.

Lateral Design

Resistance to lateral loading may be provided by friction acting at the base of foundations and by passive earth pressure. An allowable coefficient of friction of 0.35 may be used with the dead load forces.

Passive geologic pressure for the sides of foundations poured against undisturbed or recompacted soil may be computed as an equivalent fluid having a density of 300 pounds per cubic foot with a maximum earth pressure of 1,800 pounds per square foot.

The passive and friction components may be combined for lateral resistance without reduction. A one-third increase in the passive value may be used for short duration loading such as wind or seismic forces.

Foundation Settlement

It is anticipated that total settlement on the order of 2½ inches will occur below the more heavily loaded central core portions of the mat foundation beneath the tower. Settlement on the edges of the mat foundation is not expected to exceed 1¼ inch.

The maximum settlement of a typical column footing below the podium portion of the structure is expected to be on the order of ¾-inch.

Differential settlement between the podium column footings and the edges of the tower mat foundation is expected to be on the order of ½ inch. Differential settlement between columns for the podium is not expected to exceed ½ inch.

Foundation Observations

It is critical that all foundation excavations are observed by a representative of this firm to verify penetration into the recommended bearing materials. The observation should be performed prior to the placement of reinforcement. Foundations should be deepened to extend into satisfactory geologic materials, if necessary.

Foundation excavations should be cleaned of all loose soils prior to placing steel and concrete. Any required foundation backfill should be mechanically compacted, flooding is not permitted.

RETAINING WALL DESIGN

The proposed structure will be built at-grade. Therefore the only retaining walls anticipated would be associated with the construction of elevator pits, or planters.

Cantilever Retaining Walls

Miscellaneous cantilever retaining walls supporting a level backslope may be designed utilizing a triangular distribution of pressure. Cantilever retaining walls may be designed for 30 pounds per cubic foot for walls retaining up to 5 feet of earth.

For this equivalent fluid pressure to be valid, walls which are to be restrained at the top should be backfilled prior to the upper connection being made. Additional active pressure should be added for a surcharge condition due to sloping ground, vehicular traffic or adjacent structures.

Dynamic (Seismic) Earth Pressure

Based on the 2016 California Building Code, retaining walls exceeding 6 feet in height shall be designed to resist the additional earth pressure caused by seismic ground shaking. Miscellaneous retaining walls anticipated for the proposed project are not expected to exceed 5 feet in height. Therefore the dynamic earth pressure may be omitted.

Retaining Wall Drainage

Retaining walls should be provided with a subdrain covered with a minimum of 12 inches of gravel, and a compacted fill blanket or other seal at the surface. The onsite geologic materials are acceptable for use as retaining wall backfill as long as they are compacted to a minimum of 95 percent of the maximum density as determined by the most recent revision of ASTM D 1557.

As an alternative to the standard perforated subdrain pipe and gravel drainage system, the use of gravel pockets and weepholes is an acceptable drainage method. Weepholes shall be a minimum of 2 inches in diameter, placed at 8 feet on center along the base of the wall. Gravel pockets shall be a minimum of 1 cubic foot in dimension, and may consist of three-quarter inch to one inch crushed rocks, wrapped in filter fabric. Subdrainage pipes should outlet to an acceptable location.

Certain types of subdrain pipe are not acceptable to the various municipal agencies, it is recommended that prior to purchasing subdrainage pipe, the type and brand is cleared with the proper municipal agencies.

The lateral earth pressures recommended above for retaining walls assume that a permanent drainage system will be installed so that external water pressure will not be developed against the walls. If a drainage system is not provided, the walls should be designed to resist an external hydrostatic pressure due to water in addition to the lateral earth pressure. In any event, it is recommended that retaining walls be waterproofed.

Waterproofing

Moisture effecting retaining walls is one of the most common post construction complaints. Poorly applied or omitted waterproofing can lead to efflorescence or standing water inside the building. Efflorescence is a process in which a powdery substance is produced on the surface of the concrete by the evaporation of water. The white powder usually consists of soluble salts such as gypsum, calcite, or common salt. Efflorescence is common to retaining walls and does not affect their strength or integrity.

It is recommended that retaining walls be waterproofed. Waterproofing design and inspection of its installation is not the responsibility of the geotechnical engineer. A qualified waterproofing consultant should be retained in order to recommend a product or method which would provide protection to below grade walls.

Retaining Wall Backfill

Any required backfill should be mechanically compacted in layers not more than 8 inches thick, to at least 95 percent of the maximum density obtainable by the most recent revision of ASTM D 1557 method of compaction. Flooding should not be permitted. Compaction within 5 feet,

measured horizontally, behind a retaining structure should be achieved by use of light weight, hand operated compaction equipment.

Proper compaction of the backfill will be necessary to reduce settlement of overlying walks and paving. Some settlement of required backfill should be anticipated, and any utilities supported therein should be designed to accept differential settlement.

TEMPORARY EXCAVATIONS

Based on the maximum depth of fill observed during exploration, temporary excavations on the order of 5 feet in height are anticipated during grading and conventional foundation excavation. Depending on the final thickness of the mat foundation, deeper excavations may be required during construction of the mat.

The on-site fill and native soils are suitable for vertical excavations up to 5 feet where not surcharged by adjacent traffic, structures or property lines. Surcharged and unsurcharged vertical excavations may be performed to a maximum height of 7 feet with the aid of slot-cuts, as recommended in the following section. Temporary shoring will be required for vertical excavations exceeding a height of 7 feet.

Where sufficient space is available, temporary unsurcharged embankments could be cut at a uniform 1:1 slope gradient to a maximum depth of 12 feet. A uniform sloped excavation is sloped from bottom to top and does not have a vertical component.

Where sloped embankments are utilized, the tops of the slopes should be barricaded to prevent vehicles and storage loads near the top of slope within a horizontal distance equal to the depth of the excavation. If the temporary construction embankments are to be maintained during the rainy season, berms are strongly recommended along the tops of the slopes to prevent runoff

water from entering the excavation and eroding the slope faces. Water should not be allowed to pond on top of the excavation nor to flow towards it.

Slot Cutting

Based on the alignment of the proposed structure, as shown in the enclosed Plot Plan, it is anticipated that grading and foundation excavations will extend adjacent to the property lines. Where a property line, or vehicular traffic, will surcharge a temporary excavation, the slot cutting method may be utilized to maintain a stable excavation. The slot cutting method may also be utilized for the deepening of foundations. The height of the excavation is limited to 7 feet. The "A-B-C" slot-cutting procedure is recommended.

The slot cutting method employs the earth as a buttress and allows the earth excavation to proceed in phases. The initial excavation consists of excavating the "A" slots. Alternate "A" slots of 8 feet may be worked. The remaining earth buttresses ("B" and "C" slots) should be 8 feet in width for a combined intervening length of 16 feet. The "A" slots should be properly backfilled, before the "B" slots are excavated. The height of the slots shall not exceed 8 feet in height. Calculations indicating that slots 8 feet in width will be stable for the maximum recommended height of 7 feet have been included in the appendix of this report.

SHORING DESIGN

The following information on the design and installation of the shoring is as complete as possible at this time. It is suggested that Geotechnologies, Inc. review the final shoring plans and specifications prior to bidding or negotiating with a shoring contractor.

One method of shoring would consist of steel soldier piles, placed in drilled holes and backfilled with concrete. The soldier piles may be designed as cantilevers.

Soldier Piles

Drilled cast-in-place soldier piles should be placed no closer than 2 diameters on center. The minimum diameter of the piles is 18 inches. Structural concrete should be used for the soldier piles below the excavation; lean-mix concrete may be employed above that level. As an alternative, lean-mix concrete may be used throughout the pile where the reinforcing consists of a wideflange section. The slurry must be of sufficient strength to impart the lateral bearing pressure developed by the wideflange section to the geologic materials. For design purposes, an allowable passive value for the geologic materials below the bottom plane of excavation may be assumed to be 500 pounds per square foot per foot, up to a maximum of 3,000 pounds per square foot. To develop the full lateral value, provisions should be implemented to assure firm contact between the soldier piles and the undisturbed geologic materials.

The frictional resistance between the soldier piles and retained geologic material may be used to resist the vertical component of the anchor load. The coefficient of friction may be taken as 0.5 based on uniform contact between the steel beam and lean-mix concrete and retained earth. The portion of soldier piles below the plane of excavation may also be employed to resist the downward loads. The downward capacity may be determined using a frictional resistance of 500 pounds per square foot. The minimum depth of embedment for shoring piles is 5 feet below the bottom of the footing excavation or 7 feet below the bottom of excavated plane whichever is deeper.

Caving should be expected to occur during drilling in the native granular soils underlaying the site. Where caving occurs, it will be necessary to utilize casing or polymer drilling fluid to maintain open pile shafts. If casing is used, extreme care should be employed so that the pile is not pulled apart as the casing is withdrawn. At no time should the distance between the surface of the concrete and the bottom of the casing be less than 5 feet. Large sized materials should also be anticipated during drilling (i.e. gravels, cobbles, and possibly boulders).

Lagging

Soldier piles and anchors should be designed for the full anticipated pressures. Due to arching in the geologic materials, the pressure on the lagging will be less. It is recommended that the lagging should be designed for the full design pressure but is limited to a maximum of 400 pounds per square foot. It is recommended that a representative of this firm observe the installation of lagging to insure uniform support of the excavated embankment.

Lateral Pressures

Cantilevered shoring supporting a level backslope may be designed utilizing a triangular distribution of pressure as indicated in the following table:

HEIGHT OF SHORING "H" (feet)	EQUIVALENT FLUID PRESSURE (pounds per cubic foot)
Up to 10	28

Where a combination of sloped embankment and shoring is utilized, the pressure will be greater and must be determined for each combination. Additional active pressure should be applied where the shoring will be surcharged by adjacent traffic or structures.

Deflection

It is difficult to accurately predict the amount of deflection of a shored embankment. It should be realized that some deflection will occur. It is recommended that shoring deflection be limited to ½ inch at the top of the shored embankment where a structure is within a 1:1 plane projected up from the base of the excavation. A maximum deflection of 1-inch has been allowed, provided there are no structures within a 1:1 plane drawn upward from the base of the excavation. If greater deflection occurs during construction, additional bracing may be necessary to minimize

settlement of adjacent buildings and utilities in adjacent street and alleys. If desired to reduce the deflection, a greater active pressure could be used in the shoring design.

Monitoring

Because of the depth of the excavation, some means of monitoring the performance of the shoring system is suggested. The monitoring should consist of periodic surveying of the lateral and vertical locations of the tops of all soldier piles and the lateral movement along the entire lengths of selected soldier piles. Also, some means of periodically checking the load on selected anchors will be necessary, where applicable.

Some movement of the shored embankments should be anticipated as a result of the relatively deep excavation. It is recommended that photographs of the existing buildings on the adjacent properties be made during construction to record any movements for use in the event of a dispute.

Shoring Observations

It is critical that the installation of shoring is observed by a representative of Geotechnologies, Inc. Many building officials require that shoring installation should be performed during continuous observation of a representative of the geotechnical engineer. The observations insure that the recommendations of the geotechnical report are implemented and so that modifications of the recommendations can be made if variations in the geologic material or groundwater conditions warrant. The observations will allow for a report to be prepared on the installation of shoring for the use of the local building official, where necessary.

SLABS ON GRADE

Concrete Slabs-on Grade

Concrete floor slabs should be a minimum of 5 inches in thickness. Slabs-on-grade should be cast over properly controlled fill materials. Any geologic materials loosened or over-excavated should be wasted from the site or properly compacted to 95 percent of the maximum dry density.

Outdoor concrete flatwork should be a minimum of 4 inches in thickness. Outdoor concrete flatwork should be cast over undisturbed natural geologic materials or properly controlled fill materials. Any geologic materials loosened or over-excavated should be wasted from the site or properly compacted to 95 percent of the maximum dry density.

Design of Slabs That Receive Moisture-Sensitive Floor Coverings

Geotechnologies, Inc. does not practice in the field of moisture vapor transmission evaluation and mitigation. Therefore, where necessary, it is recommended that a qualified consultant should be engaged to evaluate the general and specific moisture vapor transmission paths and any impact on the proposed construction. The qualified consultant should provide recommendations for mitigation of potential adverse impacts of moisture vapor on various components of the structure.

Where any dampness would be objectionable it is recommended that floor slabs should be waterproofed. A qualified waterproofing consultant should be engaged in order to recommend a product and/or method which would provide protection from unwanted moisture.

Based on ACI 302.2R-30, Chapter 7, for projects which do not have vapor sensitive coverings or humidity-controlled areas, a vapor retarder is not necessary. Where a vapor retarder is considered necessary, the design of the slab and the installation of the vapor retarder should

comply with the most recent revisions of ASTM E 1643 and ASTM E 1745. The vapor retarder should comply with ASTM E 1745 Class A requirements. The necessity of a vapor retarder is not a geotechnical issue and should be confirmed by qualified members of the design team.

Based on ACI 302.2R-30, Chapter 7, for projects with vapor sensitive coverings, a vapor barrier should be provided. Figure 7.1 shows that the slab should be poured on the vapor barrier. Where humidity-controlled areas are proposed and the base materials and slabs will not be within a water-tight system, Figure 7.1 shows that the barrier should be covered with a 4 inch layer of dry granular material. ACI notes that the decision whether to locate the material in direct contact with the slab or beneath a layer of granular fill should be made on a case by case basis. The necessity of a vapor retarder as well as the use of dry granular material, as discussed above, is not a geotechnical issue and should be confirmed by qualified members of the design team.

ACI 302.2R-30, Chapter 7 discusses benefits derived from concrete poured on a granular layer as well as directly on the vapor retarder. Changes to the concrete used, such as slump, mix or admixtures are also discussed. This is also not a geotechnical issue and should be confirmed by qualified members of the design team. It is the recommendation of this firm that the design team become familiar with ACI 302.2R-30, Chapter 7.

Concrete Crack Control

The recommendations presented in this report are intended to reduce the potential for cracking of concrete slabs-on-grade due to settlement. However even where these recommendations have been implemented, foundations, stucco walls and concrete slabs-on-grade may display some cracking due to minor soil movement and/or concrete shrinkage. The occurrence of concrete cracking may be reduced and/or controlled by limiting the slump of the concrete used, proper concrete placement and curing, and by placement of crack control joints at reasonable intervals, in particular, where re-entrant slab corners occur.

For standard control of concrete cracking, a maximum crack control joint spacing of 15 feet should not be exceeded. Lesser spacings would provide greater crack control. Joints at curves and angle points are recommended. The crack control joints should be installed as soon as practical following concrete placement. Crack control joints should extend a minimum depth of one-fourth the slab thickness. Construction joints should be designed by a structural engineer.

Complete removal of the existing fill soils beneath outdoor flatwork such as walkways or patio areas, is not required, however, due to the rigid nature of concrete, some cracking, a shorter design life and increased maintenance costs should be anticipated. In order to provide uniform support beneath the flatwork it is recommended that a minimum of 12 inches of the exposed subgrade beneath the flatwork be scarified and recompacted to 95 percent relative compaction.

Slab Reinforcing

Concrete slabs-on-grade should be reinforced with a minimum of #4 steel bars on 16-inch centers each way. Outdoor flatwork should be reinforced with a minimum of #3 steel bars on 24-inch centers each way.

PAVEMENTS

Prior to placing paving, the exposed grade should be scarified to a depth of 12 inches, moistened as required to obtain optimum moisture content, and recompacted to 95 percent relative compaction, as determined by the most recent revision of ASTM D 1557. The client should be aware that removal of all existing fill in the area of new paving is not required, however, pavement constructed in this manner will most likely have a shorter design life and increased maintenance costs. The following pavement sections are recommended:

Service	Asphalt Pavement Thickness Inches	Base Course Inches
Passenger Car Traffic	3	4
Medium Truck Traffic	4	6

Concrete paving may also be utilized for the project. For concrete paving, the following sections are recommended:

Service	Concrete Pavement Thickness Inches	Base Course Inches
Passenger Car and Medium Truck Traffic	6	4

Aggregate base should be compacted to a minimum of 95 percent of the most recent revision of ASTM D 1557 laboratory maximum dry density. Base materials should conform to Sections 200-2.2 or 200-2.4 of the "Standard Specifications for Public Works Construction", (Green Book), latest edition.

For standard control of concrete cracking, a maximum crack control joint spacing of 15 feet should not be exceeded. Lesser spacings would provide greater crack control. Joints at curves and angle points are recommended. The crack control joints should be installed as soon as practical following concrete placement. Crack control joints should extend a minimum depth of one-fourth the slab thickness. Construction joints should be designed by a structural engineer. Concrete paving should be reinforced with a minimum of #3 steel bars on 24-inch centers each way.

The performance of pavement is highly dependent upon providing positive surface drainage away from the edges. Ponding of water on or adjacent to pavement can result in saturation of the subgrade materials and subsequent pavement distress.

SITE DRAINAGE

Proper surface drainage is critical to the future performance of the project. Saturation of a soil can cause it to lose internal shear strength and increase its compressibility, resulting in a change in the designed engineering properties. Proper site drainage should be maintained at all times.

All site drainage, with the exception of any required to disposed of onsite by stormwater regulations, should be collected and transferred to the street in non-erosive drainage devices. The proposed structure should be provided with roof drainage. Discharge from downspouts, roof drains and scuppers should not be permitted on unprotected soils within five feet of the building perimeter. Drainage should not be allowed to pond anywhere on the site, and especially not against any foundation or retaining wall. Drainage should not be allowed to flow uncontrolled over any descending slope. Planters which are located within a distance equal to the depth of a retaining wall should be sealed to prevent moisture adversely affecting the wall. Planters which are located within five feet of a foundation should be sealed to prevent moisture affecting the earth materials supporting the foundation.

STORMWATER DISPOSAL

Percolation testing was not conducted as part of this preliminary investigation. It is the opinion of this firm that on-site stormwater infiltration is feasible at the site. The use of a deep infiltration system, such a drywell, would be suitable for the project. Percolation testing will be required to provide geotechnical recommendations to aid in the design of a stormwater infiltration system.

DESIGN REVIEW

Engineering of the proposed project should not begin until approval of the geotechnical report by the Building Official is obtained in writing. Significant changes in the geotechnical recommendations may result during the building department review process.

It is recommended that the geotechnical aspects of the project be reviewed by this firm during the design process. This review provides assistance to the design team by providing specific recommendations for particular cases, as well as review of the proposed construction to evaluate whether the intent of the recommendations presented herein are satisfied.

CONSTRUCTION MONITORING

Geotechnical observations and testing during construction are considered to be a continuation of the geotechnical investigation. It is critical that this firm review the geotechnical aspects of the project during the construction process. Compliance with the design concepts, specifications or recommendations during construction requires review by this firm during the course of construction. All foundations should be observed by a representative of this firm prior to placing concrete or steel. Any fill which is placed should be observed, tested, and verified if used for engineered purposes. Please advise Geotechnologies, Inc. at least twenty-four hours prior to any required site visit.

If conditions encountered during construction appear to differ from those disclosed herein, notify Geotechnologies, Inc. immediately so the need for modifications may be considered in a timely manner.

It is the responsibility of the contractor to ensure that all excavations and trenches are properly sloped or shored. All temporary excavations should be cut and maintained in accordance with applicable OSHA rules and regulations.

EXCAVATION CHARACTERISTICS

The exploration performed for this investigation is limited to the geotechnical excavations described. Direct exploration of the entire site would not be economically feasible. The owner, design team and contractor must understand that differing excavation and drilling conditions may be encountered based on boulders, gravel, oversize materials, groundwater and many other

conditions. Fill materials, especially when they were placed without benefit of modern grading codes, regularly contain materials which could impede efficient grading and drilling. Southern California sedimentary bedrock is known to contain variable layers which reflect differences in depositional environment. Such layers may include abundant gravel, cobbles and boulders. Similarly bedrock can contain concretions. Concretions are typically lenticular and follow the bedding. They are formed by mineral deposits. Concretions can be very hard. Excavation and drilling in these areas may require full size equipment and coring capability. The contractor should be familiar with the site and the geologic materials in the vicinity.

CLOSURE AND LIMITATIONS

The purpose of this report is to aid in the design and completion of the described project. Implementation of the advice presented in this report is intended to reduce certain risks associated with construction projects. The professional opinions and geotechnical advice contained in this report are sought because of special skill in engineering and geology and were prepared in accordance with generally accepted geotechnical engineering practice. Geotechnologies, Inc. has a duty to exercise the ordinary skill and competence of members of the engineering profession. Those who hire Geotechnologies, Inc. are not justified in expecting infallibility, but can expect reasonable professional care and competence.

The recommendations of this report pertain only to the site investigated and are based upon the assumption that the geologic conditions do not deviate from those disclosed in the investigation. If any variations are encountered during construction, or if the proposed construction will differ from that anticipated herein, Geotechnologies, Inc. should be notified so that supplemental recommendations can be prepared.

This report is issued with the understanding that it is the responsibility of the owner, or the owner's representatives, to ensure that the information and recommendations contained herein are brought to the attention of the project architect and engineer and are incorporated into the

plans. The owner is also responsible to see that the contractor and subcontractors carry out the geotechnical recommendations during construction.

The findings of this report are valid as of the date of this report. However, changes in the conditions of a property can occur with the passage of time, whether they are due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside control of this firm. Therefore, this report is subject to review and should not be relied upon after a period of three years.

Geotechnical observations and testing during construction is considered to be a continuation of the geotechnical investigation. It is, therefore, most prudent to employ the consultant performing the initial investigative work to provide observation and testing services during construction. This practice enables the project to flow smoothly from the planning stages through to completion.

Should another geotechnical firm be selected to provide the testing and observation services during construction, that firm should prepare a letter indicating their assumption of the responsibilities of geotechnical engineer of record. A copy of the letter should be provided to the regulatory agency for review. The letter should acknowledge the concurrence of the new geotechnical engineer with the recommendations presented in this report.

EXCLUSIONS

Geotechnologies, Inc. does not practice in the fields of methane gas, radon gas, environmental engineering, waterproofing, dewatering organic substances or the presence of corrosive soils or wetlands which could affect the proposed development including mold and toxic mold. Nothing in this report is intended to address these issues and/or their potential effect on the proposed

development. A competent professional consultant should be retained in order to address environmental issues, waterproofing, organic substances and wetlands which might effect the proposed development.

GEOTECHNICAL TESTING

Classification and Sampling

The soil is continuously logged by a representative of this firm and classified by visual examination in accordance with the Unified Soil Classification system. The field classification is verified in the laboratory, also in accordance with the Unified Soil Classification System. Laboratory classification may include visual examination, Atterberg Limit Tests and grain size distribution. The final classification is shown on the excavation logs.

Samples of the geologic materials encountered in the exploratory excavations were collected and transported to the laboratory. Undisturbed samples of soil are obtained at frequent intervals. Unless noted on the excavation logs as an SPT sample, samples acquired while utilizing a hollow-stem auger drill rig are obtained by driving a thin-walled, California Modified Sampler with successive 30-inch drops of a 140-pound hammer. The soil is retained in brass rings of 2.50 inches outside diameter and 1.00 inch in height. The central portion of the samples are stored in close fitting, waterproof containers for transportation to the laboratory. Samples noted on the excavation logs as SPT samples are obtained in general accordance with the most recent revision of ASTM D 1586. Samples are retained for 30 days after the date of the geotechnical report.

Moisture and Density Relationships

The field moisture content and dry unit weight are determined for each of the undisturbed soil samples, and the moisture content is determined for SPT samples in general accordance with the most recent revision of ASTM D 4959 or ASTM D 4643. This information is useful in

providing a gross picture of the soil consistency between exploration locations and any local variations. The dry unit weight is determined in pounds per cubic foot and shown on the "Excavation Logs", A-Plates. The field moisture content is determined as a percentage of the dry unit weight.

Direct Shear Testing

Shear tests are performed in general accordance with the most recent revision of ASTM D 3080 with a strain controlled, direct shear machine manufactured by Soil Test, Inc. or a Direct Shear Apparatus manufactured by GeoMatic, Inc. The rate of deformation is approximately 0.025 inches per minute. Each sample is sheared under varying confining pressures in order to determine the Mohr-Coulomb shear strength parameters of the cohesion intercept and the angle of internal friction. Samples are generally tested in an artificially saturated condition. Depending upon the sample location and future site conditions, samples may be tested at field moisture content. The results are plotted on the "Shear Test Diagram," B-Plates.

The most recent revision of ASTM 3080 limits the particle size to 10 percent of the diameter of the direct shear test specimen. The sheared sample is inspected by the laboratory technician running the test. The inspection is performed by splitting the sample along the sheared plane and observing the soils exposed on both sides. Where oversize particles are observed in the shear plane, the results are discarded and the test run again with a fresh sample.

Consolidation Testing

Settlement predictions of the soil's behavior under load are made on the basis of the consolidation tests in general accordance with the most recent revision of ASTM D 2435. The consolidation apparatus is designed to receive a single one-inch high ring. Loads are applied in several increments in a geometric progression, and the resulting deformations are recorded at selected time intervals. Porous stones are placed in contact with the top and bottom of each

specimen to permit addition and release of pore fluid. Samples are generally tested at increased moisture content to determine the effects of water on the bearing soil. The normal pressure at which the water is added is noted on the drawing. Results are plotted on the "Consolidation Test," C-Plates.

Expansion Index Testing

The expansion tests performed on the remolded samples are in accordance with the Expansion Index testing procedures, as described in the most recent revision of ASTM D 4829. The soil sample is compacted into a metal ring at a saturation degree of 50 percent. The ring sample is then placed in a consolidometer, under a vertical confining pressure of 1 lbf/square inch and inundated with distilled water. The deformation of the specimen is recorded for a period of 24 hour or until the rate of deformation becomes less than 0.0002 inches/hour, whichever occurs first. The expansion index, EI, is determined by dividing the difference between final and initial height of the ring sample by the initial height, and multiplied by 1,000. Results are presented in Plate D of this report.

Laboratory Compaction Characteristics

The maximum dry unit weight and optimum moisture content of a soil are determined in general accordance with the most recent revision of ASTM D 1557. A soil at a selected moisture content is placed in five layers into a mold of given dimensions, with each layer compacted by 25 blows of a 10 pound hammer dropped from a distance of 18 inches subjecting the soil to a total compactive effort of about 56,000 pounds per cubic foot. The resulting dry unit weight is determined. The procedure is repeated for a sufficient number of moisture contents to establish a relationship between the dry unit weight and the water content of the soil. The data when plotted represent a curvilinear relationship known as the compaction curve. The values of optimum moisture content and modified maximum dry unit weight are determined from the compaction curve. Results are presented in Plate D of this report.

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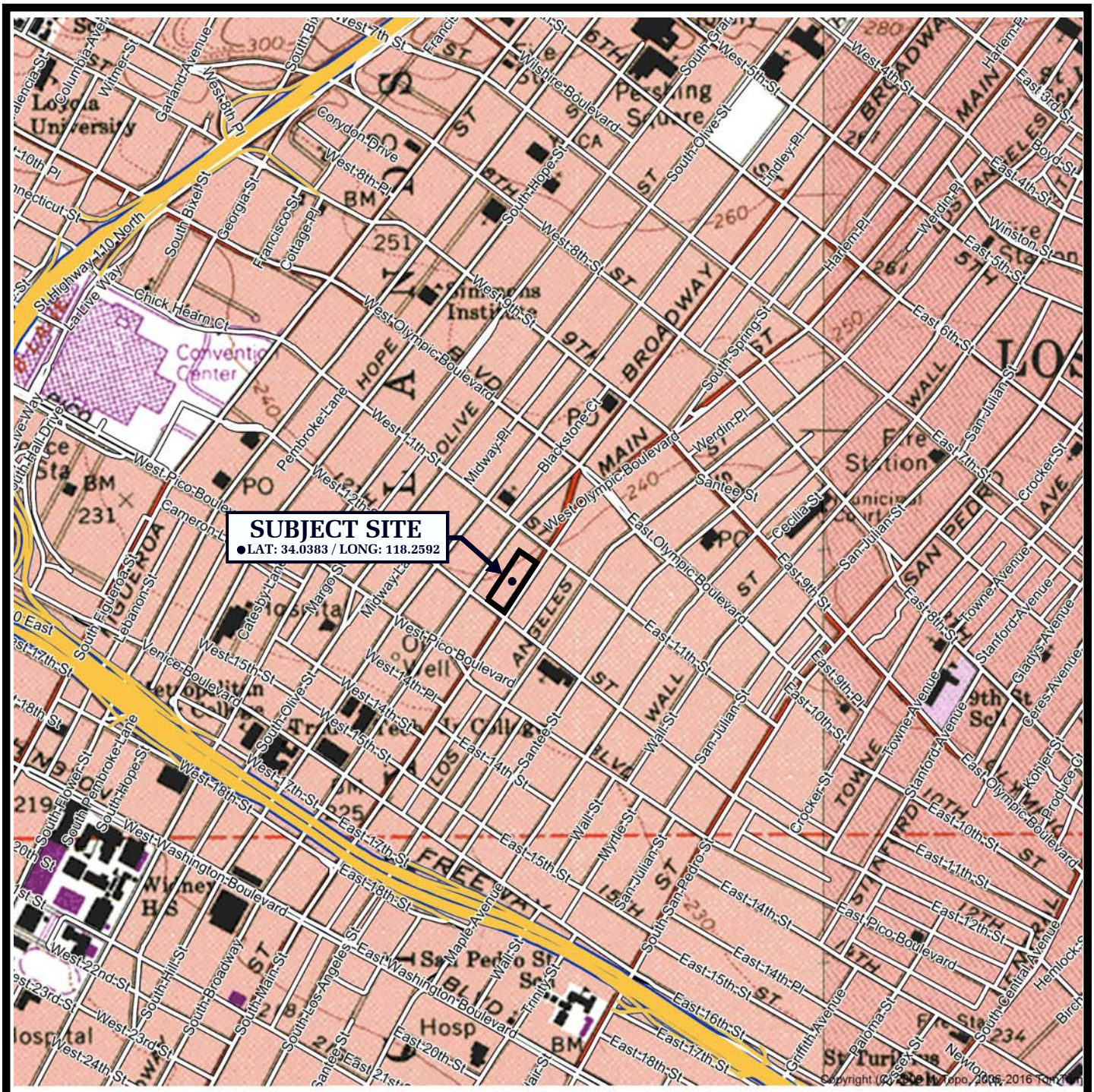
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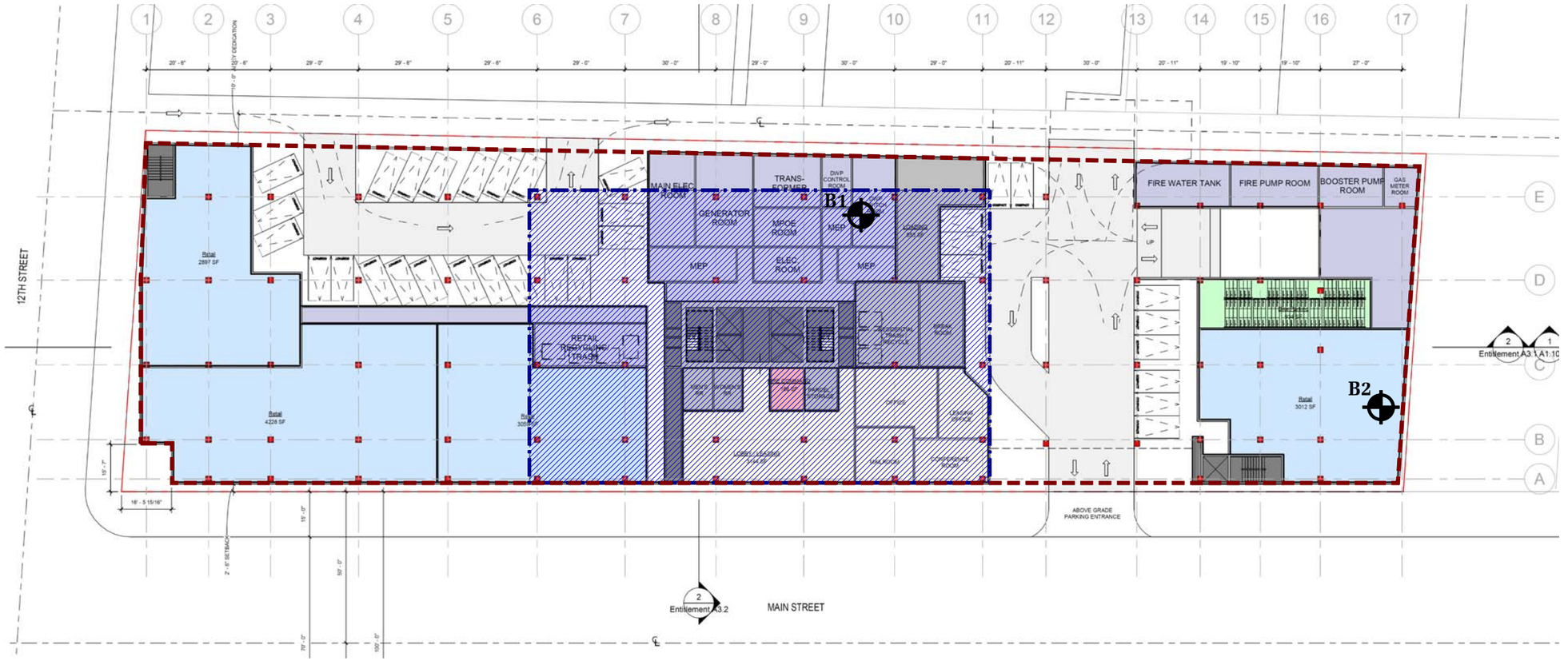
REFERENCE: U.S.G.S. TOPOGRAPHIC MAPS, 7.5 MINUTE SERIES, HOLLYWOOD, CA QUADRANGLE

VICINITY MAP

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Consulting Geotechnical Engineers

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704

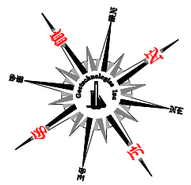


LEGEND

B3 — LOCATION & NUMBER OF BORING

LIMITS OF PROPOSED PODIUM

PROPOSED TOWER



SCALE IN FEET

0 40 80

REFERENCE: GROUND FLOOR PLAN BY MVE & PARTNERS
DATED SEPTEMBER 13, 2018

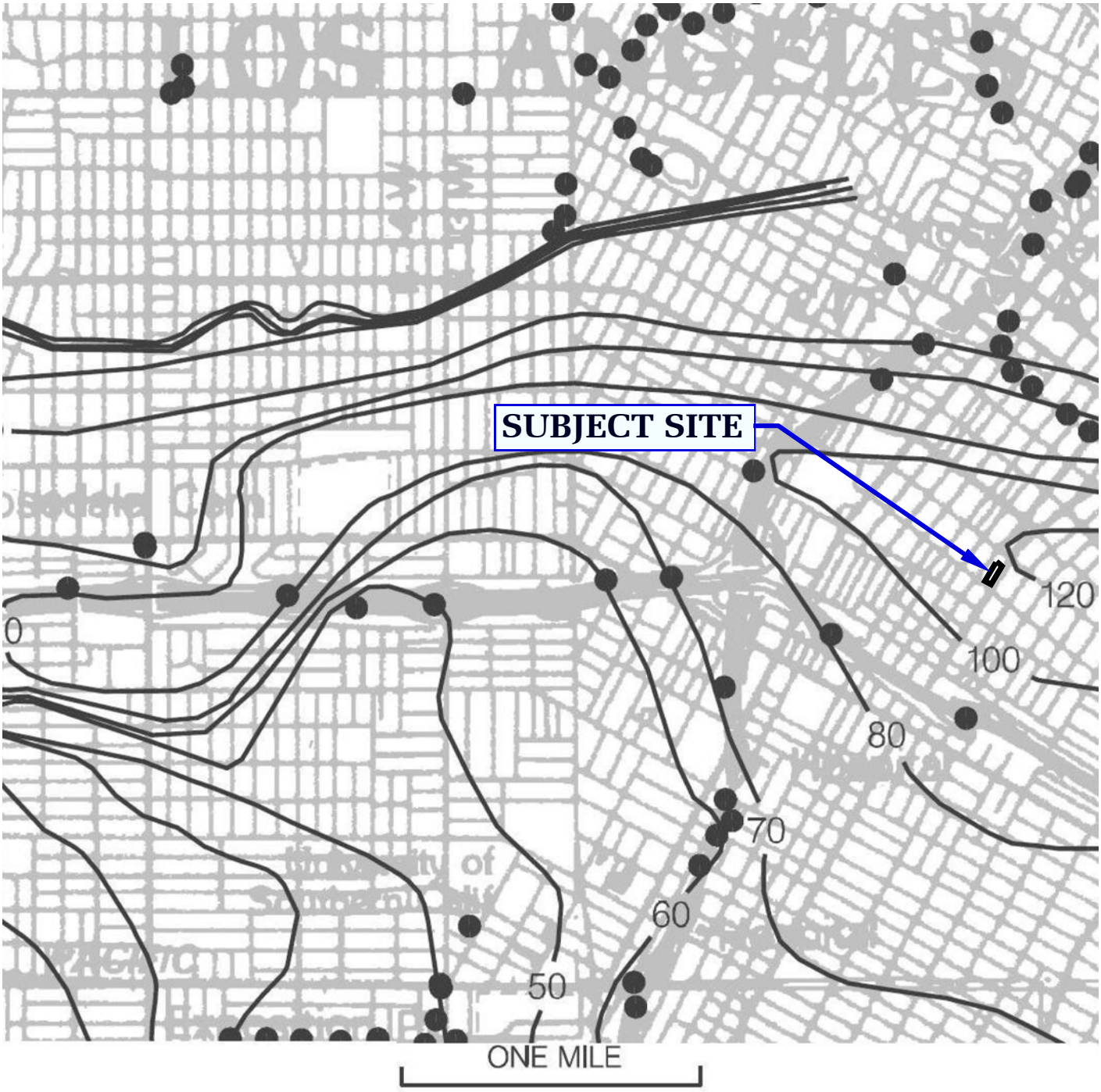
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PLOT PLAN

FRONTIER HOLDINGS WEST, LLC

File No.: 21704

Date: December '18



20 Depth to groundwater in feet

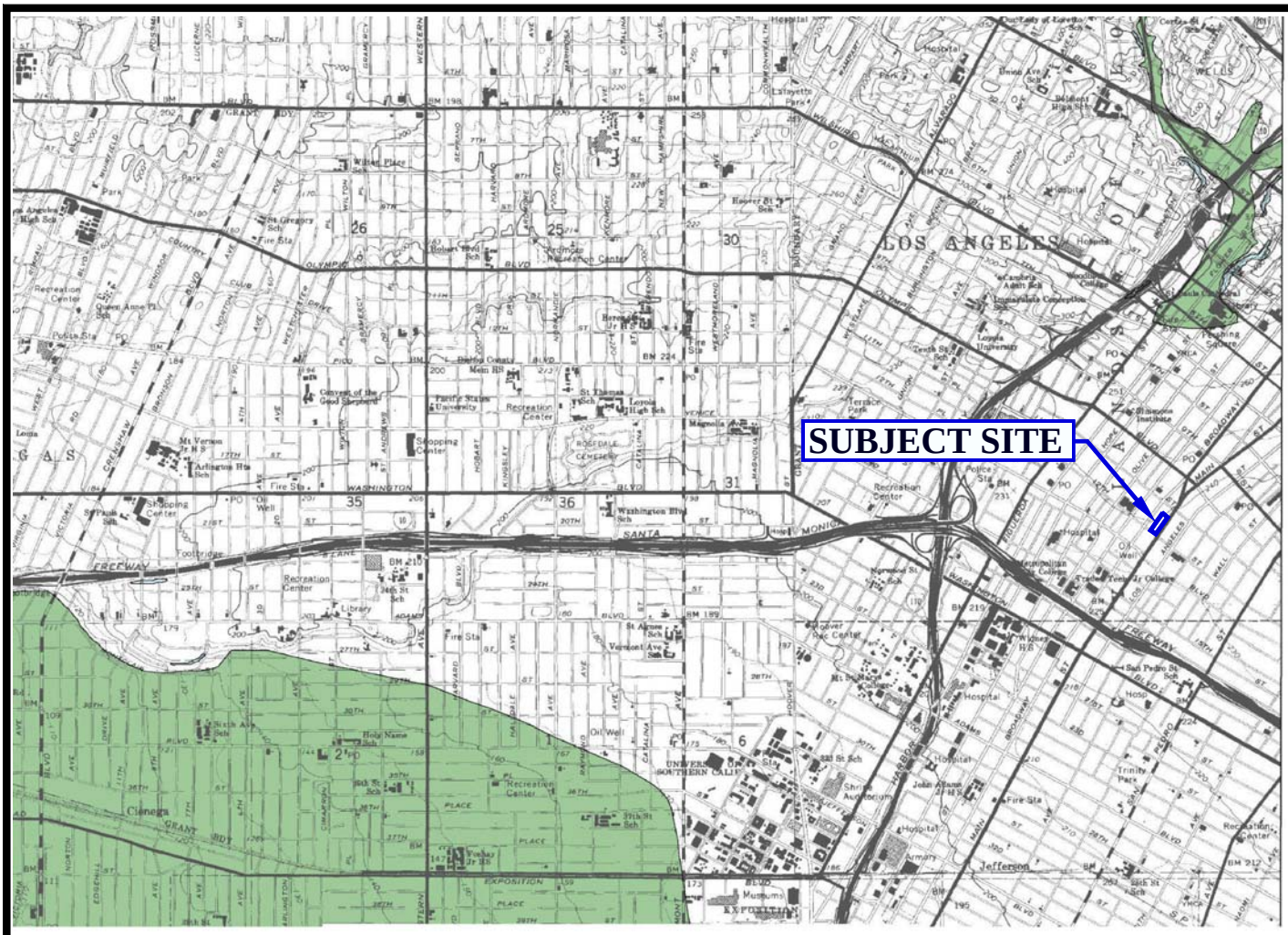
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HOLLYWOOD 7.5 - MINUTE QUADRANGLE, LOS ANGELES COUNTY, CALIFORNIA (1998, REVISED 2006)

HISTORICALLY HIGHEST GROUNDWATER LEVELS

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FILE No. 21704



LIQUEFACTION AREA

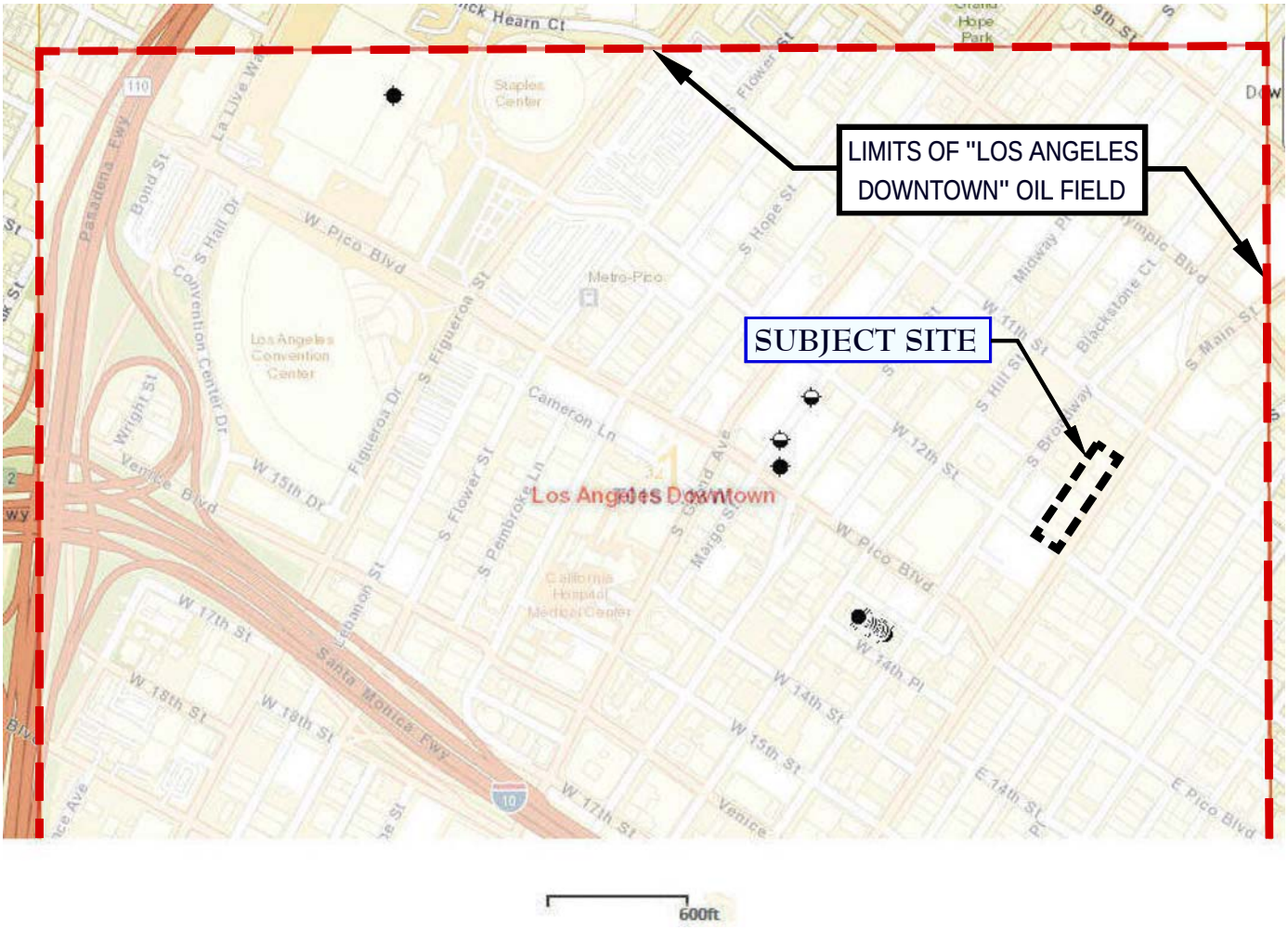
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SEISMIC HAZARD ZONE MAP

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FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704



LEGEND

Oil/Gas Well Location

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF CONSERVATION, DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES ONLINE MAPPING SYSTEM

OIL FIELD / OIL WELL MAP

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CONSULTING GEOTECHNICAL ENGINEERS

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704

BORING LOG NUMBER 1

Frontier Holdings West, LLC **Date: 11/06/18**

File No. 21704 **Method: 8-inch diameter Hollow Stem Auger**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt for Parking
				0 --		2½-inch Asphalt over 2½-inch Base
				-		
				1 --		FILL: Silty Sand, dark brown, moist, medium dense, fine grained
				-		
				2 --		
2.5	32	4.6	122.1	-		
				3 --		
				-	SM/SP	NATIVE SOILS: Silty Sand to Sand, dark and yellowish brown, moist, medium dense, fine to coarse grained
				4 --		
				-		
5	53	1.0	SPT	5 --		
				-	SW	Cobbley Sand, dark brown, moist, dense, fine to coarse grained
				6 --		
				-		
				7 --		
7.5	59	2.7	126.7	-		
				8 --		
				-		
				9 --		
				-		
10	33	2.4	SPT	10 --		
				-	SP	Sand, dark brown, moist, medium dense, fine to medium grained, minor gravel
				11 --		
				-		
				12 --		
12.5	40	8.1	124.3	-		
				13 --	SM/SP	Silty Sand to Sand, dark brown, moist, medium dense, fine to medium grained, few cobbles
				-		
				14 --		
				-		
15	41	4.9	SPT	15 --		
				-	SP	Sand, dark brown, moist, medium dense to dense, fine to medium grained, few gravel
				16 --		
				-		
				17 --		
17.5	39 50/3"	4.9	117.8	-		
				18 --		
				-		
				19 --		
				-		
20	37	6.9	SPT	20 --		
				-		
				21 --		
				-		
				22 --		
22.5	39 50/4"	6.1	126.1	-		
				23 --		very dense, fine to medium grained, few gravel
				-		
				24 --		
				-		
25	79	4.9	SPT	25 --		
				-	SP/SW	Sand to Gravelly Sand, dark and yellowish brown, moist, very dense, fine to coarse grained

BORING LOG NUMBER 1

Frontier Holdings West, LLC

File No. 21704

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description
				26		
				27		
27.5	42 50/5"	7.2	125.9	28		
				29		
30	60	4.0	SPT	30		
				31		
				32		
32.5	4.5 50/4"	1.7	126.6	33		
				34		
35	50	8.9	SPT	35		
				36		
				37		
37.5	39 50/2"	4.9	126.7	38		
				39		
40	36	11.1	SPT	40	SM/SP	Silty Sand to Sand, dark and yellowish brown, moist, medium dense, fine grained
				41		
				42		
42.5	18 50/5"	18.3	115.7	43	SP	Sand, dark brown, moist, very dense, fine to medium grained, minor gravel
				44		
45	60 50/2"	2.9	SPT	45		dark and olive brown, fine to coarse grained
				46		
				47		
47.5	100/10"	2.7	119.7	48		dark and yellowish brown, few gravel
				49		
50	79	2.8	SPT	50		

BORING LOG NUMBER 1

Frontier Holdings West, LLC

File No. 21704

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description
				- 51 -- - 52 --		
52.5	23 50/5"	3.6	118.1	- 53 -- - 54 --		
55	85	8.0	SPT	- 55 -- - 56 --		
57.5	46 50/2"	3.9	118.0	- 57 -- - 58 -- - 59 --		
60	49 50/3"	2.5	SPT	- 60 -- - 61 -- - 62 -- - 63 -- - 64 -- - 65 -- - 66 -- - 67 -- - 68 -- - 69 -- - 70 -- - 71 -- - 72 -- - 73 -- - 74 -- - 75 -- -		**Total Depth 60 feet** **No Water** **Fill to 3 feet** **NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual.** **Used 8-inch diameter Hollow-Stem Auger** **140-lb. Automatic Hammer, 30-inch drop** **Modified California Sampler used unless otherwise noted** **SPT=Standard Penetration Test**

BORING LOG NUMBER 2

Frontier Holdings West, LLC **Date: 11/06/18**

File No. 21704 **Method: 8-inch diameter Hollow Stem Auger**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt for Parking
				0 --		2½-inch Asphalt over 3½-inch Base
				-		
				1 --		FILL: Silty Sand, dark brown, moist, medium dense, fine grained
				-		
				2 --		
2.5	44 50/3"	2.6	122.3	-		
				3 --		
				-	SM/SW	NATIVE SOILS: Sand to Cobbley Sand, dark brown, moist, very dense, fine to coarse grained
				4 --		
				-		
5	24 50/4"	2.0	118.1	5 --	SP	Sand, dark brown, moist, very dense, fine to coarse grained, few cobbles
				-		
				6 --		
				-		
				7 --		
7.5	66	2.1	127.3	-		
				8 --	SP/SW	Sand to Cobbley Sand, dark brown, moist, very dense, fine to coarse grained
				-		
				9 --		
				-		
10	45 50/3"	2.0	119.7	10 --		
				-		
				11 --		
				-		
				12 --		
				-		
				13 --		
				-		
				14 --		
				-		
15	46 50/4"	2.3	126.0	15 --		
				-		
				16 --		
				-		
				17 --		
				-		
				18 --		
				-		
				19 --		
				-		
20	28 50/4"	3.6	117.3	20 --		
				-	SP	Sand, dark brown, moist, very dense, fine to medium grained, few cobbles
				21 --		
				-		
				22 --		
				-		
				23 --		
				-		
				24 --		
				-		
25	100/8"	4.8	117.7	25 --		
				-		Cobbles

BORING LOG NUMBER 2

Frontier Holdings West, LLC

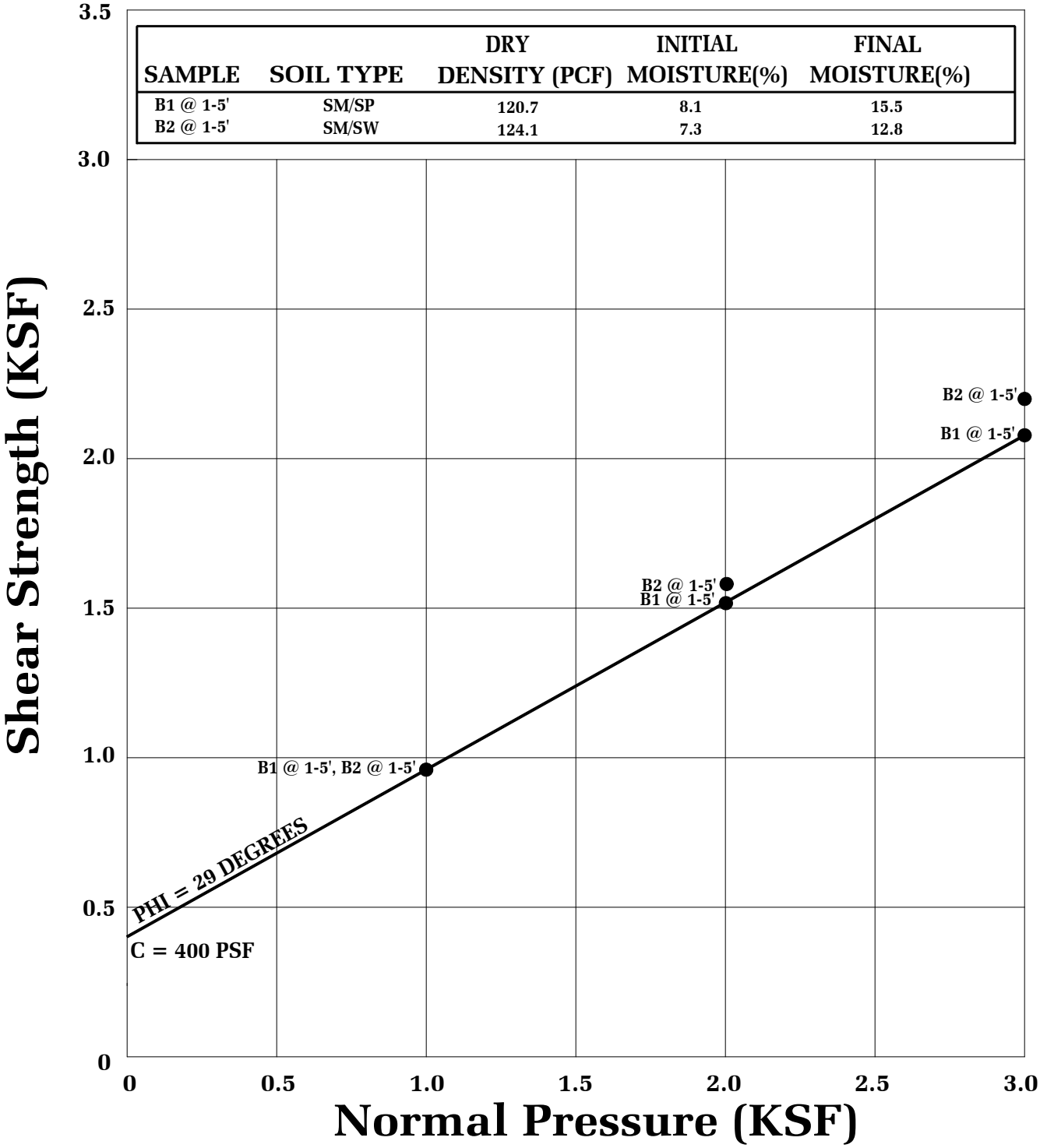
File No. 21704

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description
				- 26 -- - 27 -- - 28 -- - 29 -- -		
30	44 50/4"	2.6	112.0	30 -- - 31 -- - 32 -- - 33 -- - 34 -- - 35 -- - 36 -- - 37 -- - 38 -- - 39 -- - 40 -- - 41 -- - 42 -- - 43 -- - 44 -- - 45 -- - 46 -- - 47 -- - 48 -- - 49 -- - 50 -- -		**Total Depth 30 feet** **No Water** **Fill to 3 feet** **NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual.** **Used 8-inch diameter Hollow-Stem Auger** **140-lb. Automatic Hammer, 30-inch drop** **Modified California Sampler used unless otherwise noted**

BULK SAMPLE REMOLDED TO 90 PERCENT OF THE MAXIMUM LABORATORY DENSITY

SAMPLE	SOIL TYPE	DRY DENSITY (PCF)	INITIAL MOISTURE(%)	FINAL MOISTURE(%)
B1 @ 1-5'	SM/SP	120.7	8.1	15.5
B2 @ 1-5'	SM/SW	124.1	7.3	12.8



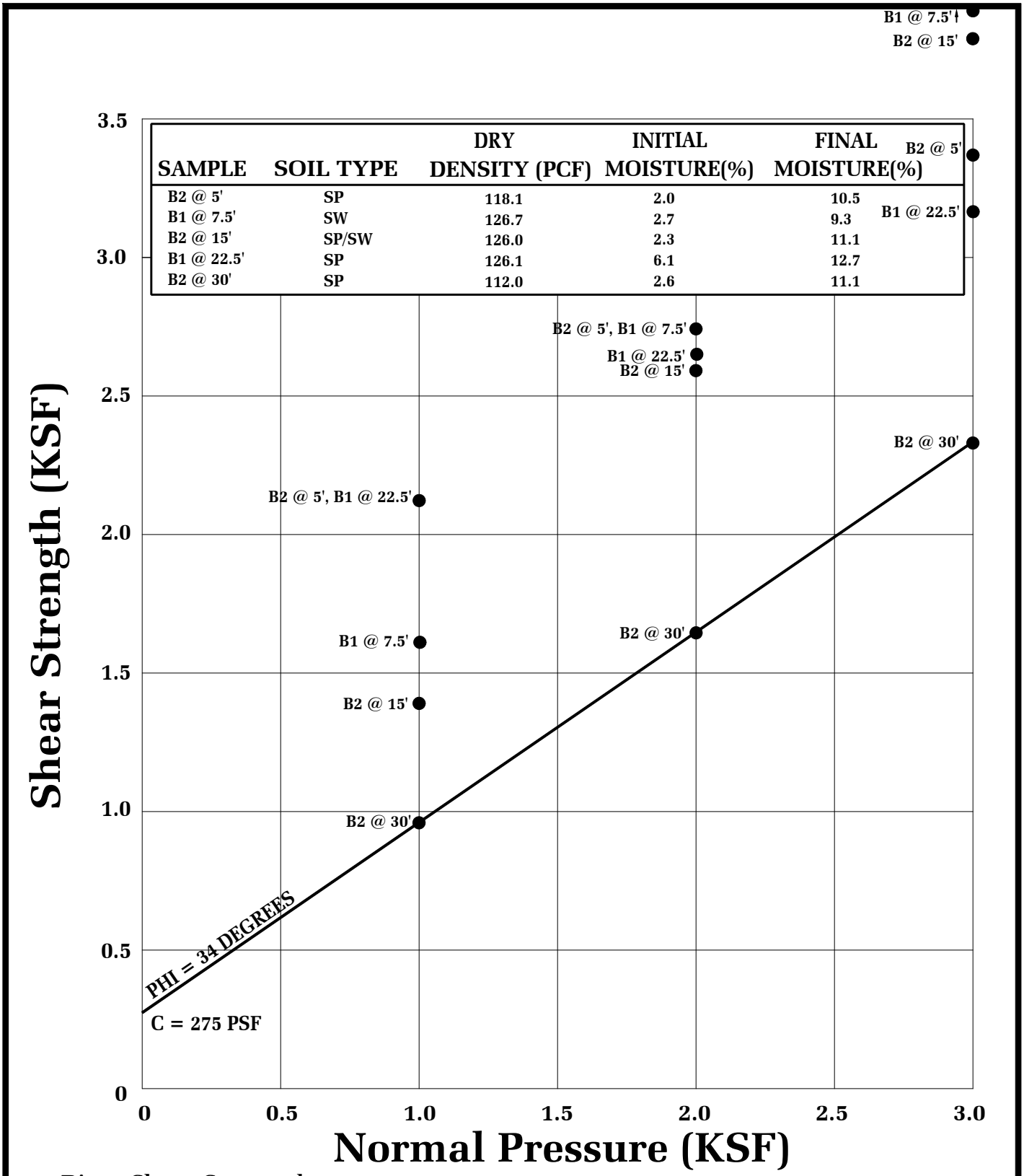
● Direct Shear, Saturated

SHEAR TEST DIAGRAM

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Consulting Geotechnical Engineers

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704 | PLATE: B-1



SAMPLE	SOIL TYPE	DRY DENSITY (PCF)	INITIAL MOISTURE(%)	FINAL MOISTURE(%)
B2 @ 5'	SP	118.1	2.0	10.5
B1 @ 7.5'	SW	126.7	2.7	9.3
B2 @ 15'	SP/SW	126.0	2.3	11.1
B1 @ 22.5'	SP	126.1	6.1	12.7
B2 @ 30'	SP	112.0	2.6	11.1

● Direct Shear, Saturated

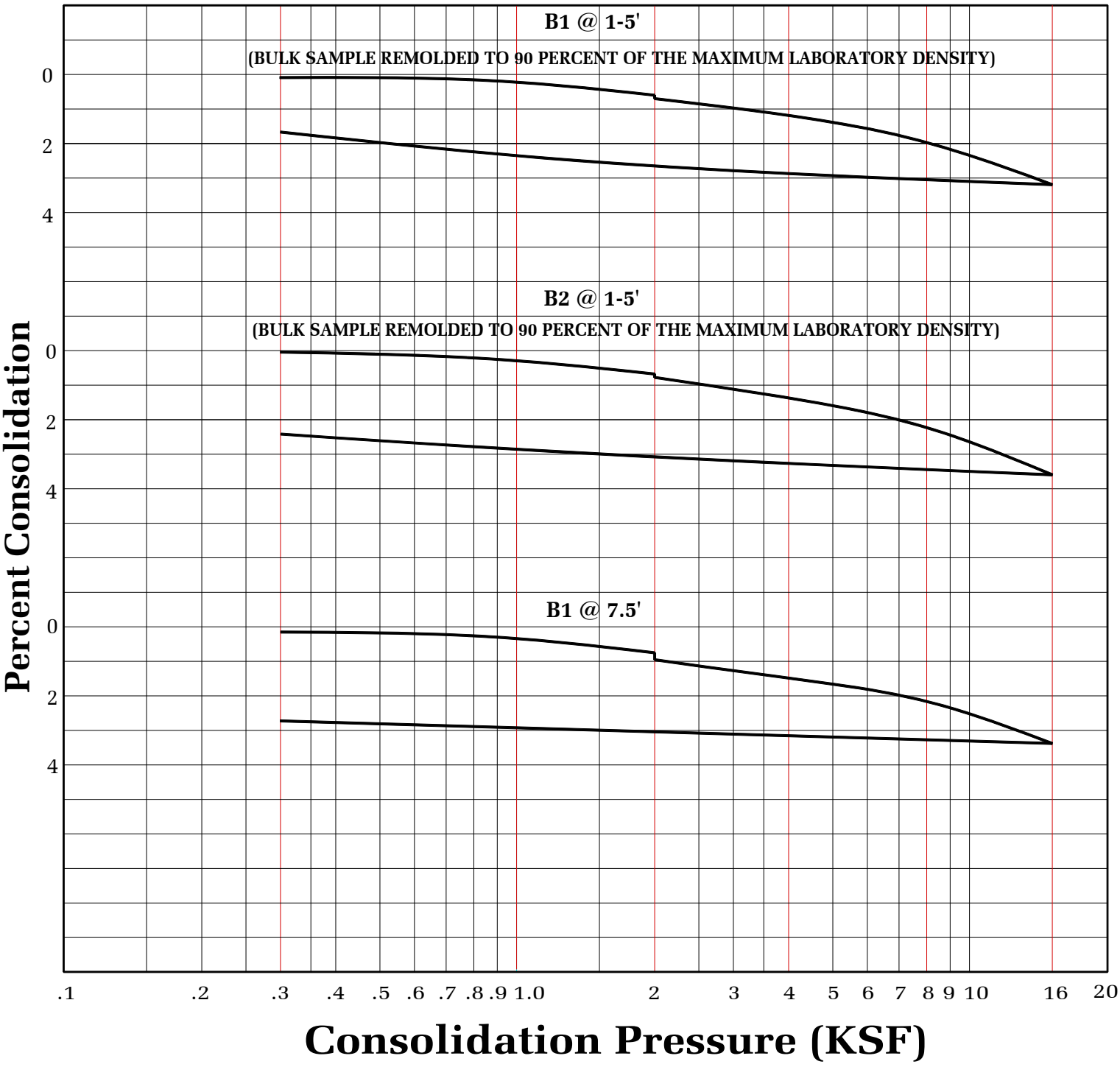
SHEAR TEST DIAGRAM

Geotechnologies, Inc.
Consulting Geotechnical Engineers

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704 | PLATE: B-2

WATER ADDED AT 2 KSF



CONSOLIDATION TEST

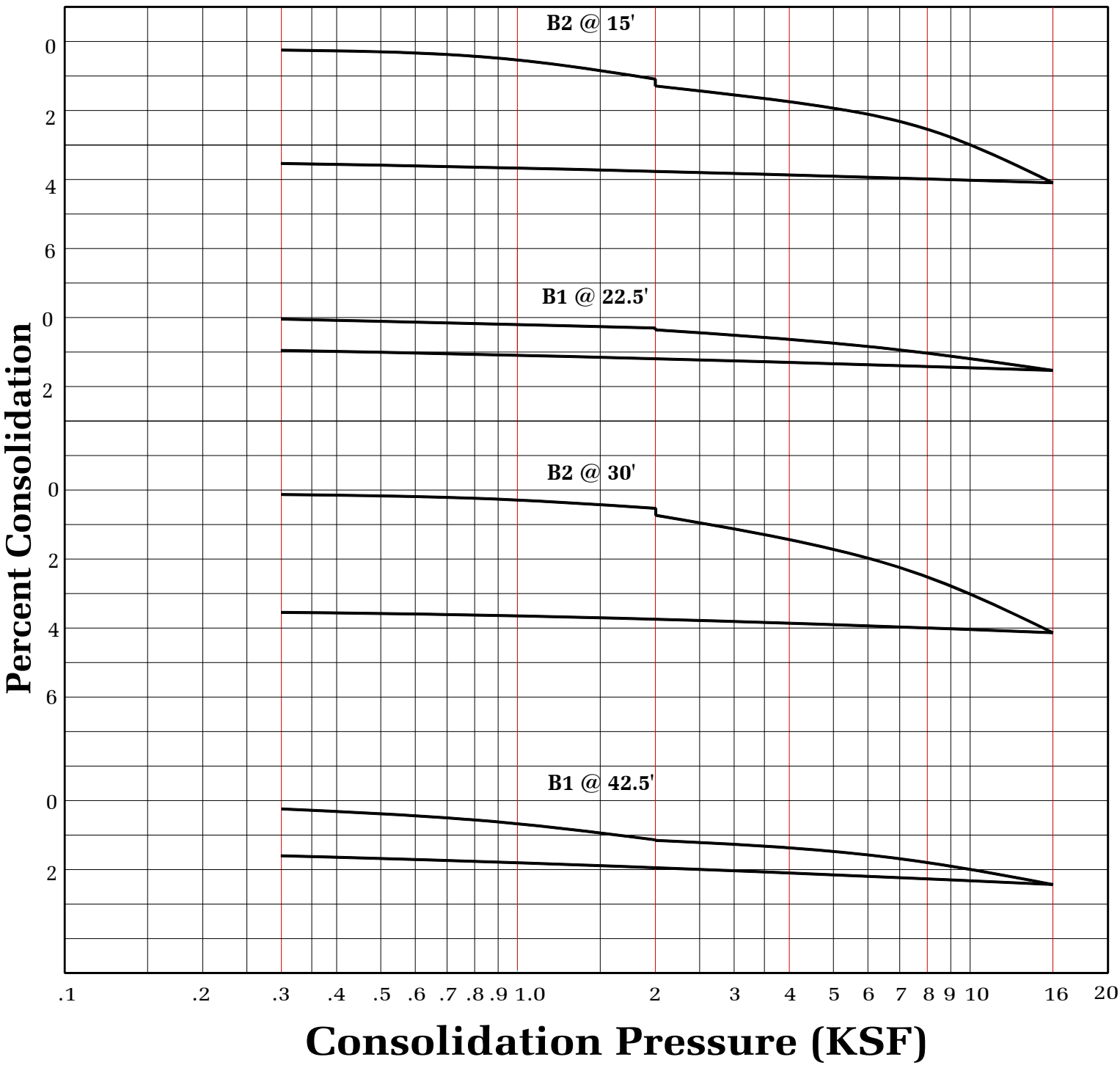
Geotechnologies, Inc.
Consulting Geotechnical Engineers

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704

PLATE: C-1

WATER ADDED AT 2 KSF



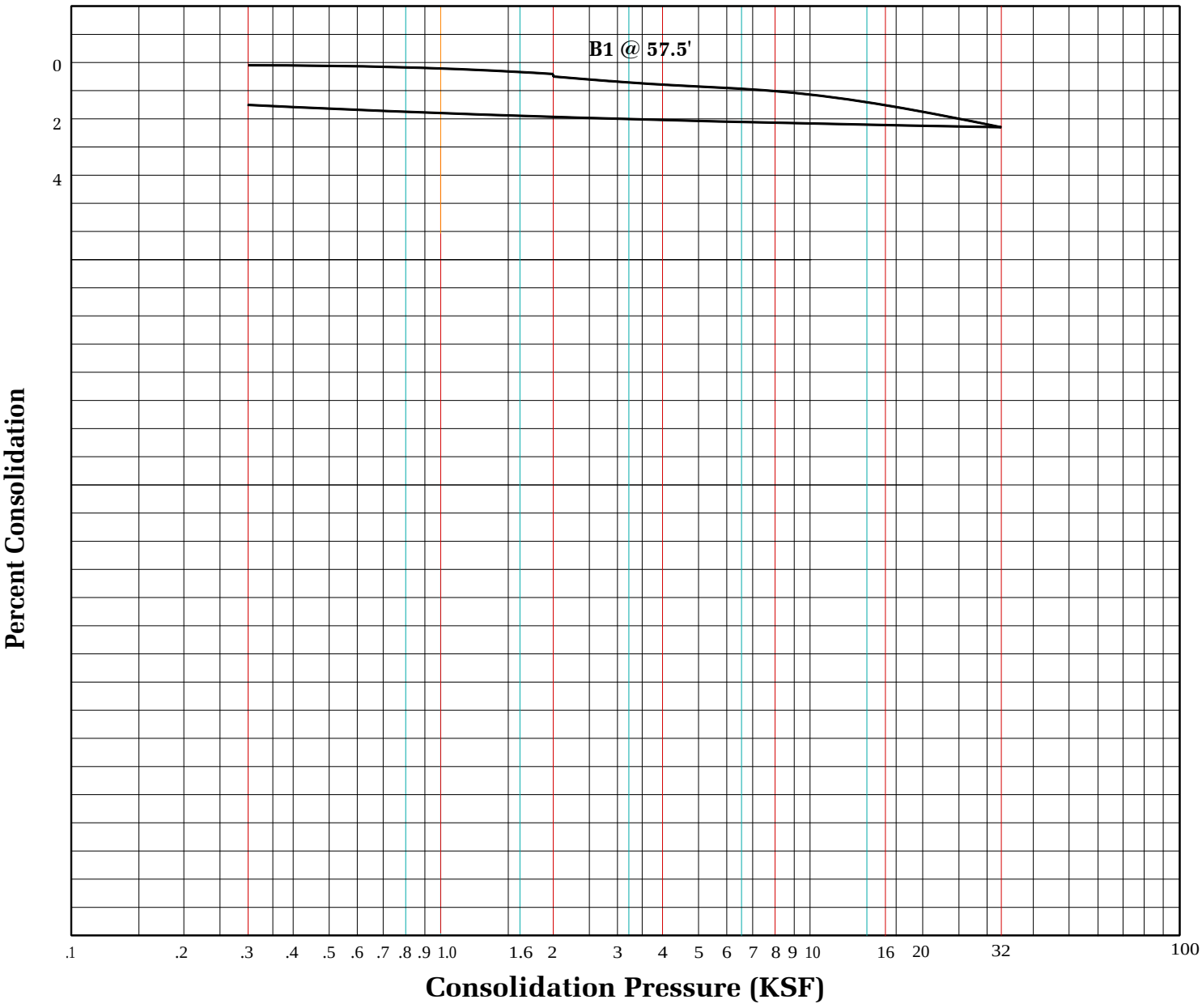
CONSOLIDATION TEST

Geotechnologies, Inc.
Consulting Geotechnical Engineers

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704 | **PLATE: C-2**

(WATER ADDED AT 2 KSF)



CONSOLIDATION TEST

Geotechnologies, Inc.
Consulting Geotechnical Engineers

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704 | **PLATE: C-3**

ASTM D-1557

SAMPLE	B1 @ 1-5'	B2 @ 1-5'
SOIL TYPE:	SM/SP	SM/SW
MAXIMUM DENSITY pcf.	120.7	124.1
OPTIMUM MOISTURE %	8.1	7.3

ASTM D 4829

SAMPLE	B1 @ 1-5'	B2 @ 1-5'
SOIL TYPE:	SM/SP	SM/SW
EXPANSION INDEX UBC STANDARD 18-2	35	7
EXPANSION CHARACTER	LOW	VERY LOW

SULFATE CONTENT

SAMPLE	B1 @ 1-5'	B2 @ 1-5'
SULFATE CONTENT: (percentage by weight)	< 0.10%	< 0.10%

COMPACTION/EXPANSION/SULFATE DATA SHEET

Geotechnologies, Inc.
Consulting Geotechnical Engineers

FRONTIER HOLDINGS WEST, LLC

FILE NO. 21704 | PLATE: D

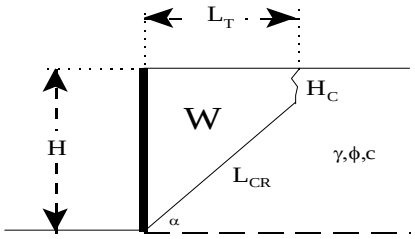
Geotechnologies, Inc.

Project: Frontier Holdings West, LLC
File No.: 21704
Description: Retaining Wall up to 5 feet High

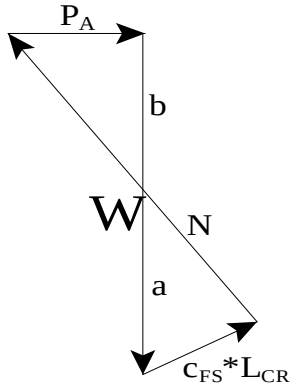
Retaining Wall Design with Level Backfill (Vector Analysis)

Input:

Retaining Wall Height	(H)	5.00	feet
Unit Weight of Retained Soils	(γ)	125.0	pcf
Friction Angle of Retained Soils	(ϕ)	34.0	degrees
Cohesion of Retained Soils	(c)	275.0	psf
Factor of Safety	(FS)	1.50	
Factored Parameters:	(ϕ_{FS})	24.2	degrees
	(c_{FS})	183.3	psf



Failure Angle (α)	Height of Tension Crack (H_C)	Area of Wedge (A)	Weight of Wedge (W)	Length of Failure Plane (L_{CR})	a	b	Active Pressure (P_A)
degrees	feet	$feet^2$	lbs/lineal foot	feet	lbs/lineal foot	lbs/lineal foot	lbs/lineal foot
40	6.4	-10	-1205.9	-2.2	-1355.7	149.8	0.0
41	6.1	-7	-910.0	-1.7	-1002.9	92.9	0.0
42	5.9	-5	-674.4	-1.3	-729.7	55.2	0.0
43	5.7	-4	-486.0	-1.0	-516.9	30.9	0.0
44	5.5	-3	-334.7	-0.7	-350.4	15.7	0.0
45	5.3	-2	-213.2	-0.5	-220.0	6.8	0.0
46	5.2	-1	-115.6	-0.3	-117.7	2.1	0.0
47	5.1	0	-37.5	-0.1	-37.7	0.2	0.0
48	5.0	0	24.5	0.1	24.4	0.1	0.0
49	4.9	1	73.3	0.2	72.3	1.0	0.5
50	4.8	1	111.1	0.3	108.6	2.5	1.2
51	4.7	1	139.6	0.4	135.5	4.1	2.1
52	4.7	1	160.2	0.4	154.5	5.6	3.0
53	4.6	1	174.1	0.5	167.2	7.0	3.8
54	4.6	1	182.3	0.5	174.4	8.0	4.6
55	4.6	1	185.6	0.5	177.0	8.6	5.1
56	4.5	1	184.6	0.6	175.7	8.9	5.5
57	4.5	1	179.8	0.6	171.1	8.8	5.6
58	4.5	1	171.7	0.5	163.4	8.3	5.6
59	4.6	1	160.7	0.5	153.1	7.5	5.2
60	4.6	1	146.9	0.5	140.4	6.5	4.7
61	4.6	1	130.7	0.4	125.4	5.3	4.0
62	4.7	1	112.2	0.4	108.2	4.1	3.2
63	4.7	1	91.6	0.3	88.8	2.8	2.3
64	4.8	1	69.0	0.3	67.4	1.6	1.4
65	4.8	0	44.4	0.2	43.7	0.7	0.6



Design Equations (Vector Analysis):

$a = c_{FS}*L_{CR}*\sin(90+\phi_{FS})/\sin(\alpha-\phi_{FS})$

$b = W-a$

$P_A = b*\tan(\alpha-\phi_{FS})$

$EFP = 2*P_A/H^2$

Maximum Active Pressure Resultant

$P_{A,\,max}$ 5.6 lbs/lineal foot

Equivalent Fluid Pressure (per lineal foot of wall)

$EFP = 2*P_A/H^2$

EFP 0.5 pcf

Design Wall for an Equivalent Fluid Pressure: 30 pcf

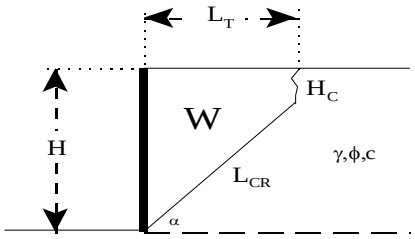
Geotechnologies, Inc.

Project: Frontier Holdings West, LLC
File No.: 21704
Description: Temporary Shoring up to 10 feet High

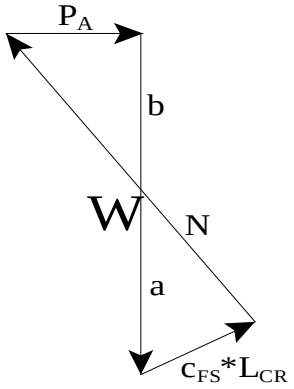
Shoring Design with Level Backfill (Vector Analysis)

Input:

Shoring Height	(H)	10.00	feet
Unit Weight of Retained Soils	(γ)	125.0	pcf
Friction Angle of Retained Soils	(ϕ)	34.0	degrees
Cohesion of Retained Soils	(c)	275.0	psf
Factor of Safety	(FS)	1.25	
Factored Parameters:	(ϕ_{FS})	28.4	degrees
	(c_{FS})	220.0	psf



Failure Angle (α) degrees	Height of Tension Crack (H_C) feet	Area of Wedge (A) $feet^2$	Weight of Wedge (W) lbs/lineal foot	Length of Failure Plane (L_{CR}) feet	a lbs/lineal foot	b lbs/lineal foot	Active Pressure (P_A) lbs/lineal foot
40	10.0	0	-21.2	0.0	-21.3	0.0	0.0
41	9.4	7	873.9	1.0	845.6	28.3	6.4
42	8.8	12	1525.7	1.7	1431.2	94.6	23.0
43	8.4	16	2001.7	2.4	1824.6	177.1	46.3
44	8.0	19	2347.8	2.9	2084.4	263.4	73.8
45	7.6	21	2596.5	3.3	2250.1	346.4	103.6
46	7.4	22	2771.0	3.7	2348.6	422.4	134.4
47	7.1	23	2888.1	4.0	2398.8	489.3	165.1
48	6.9	24	2960.6	4.2	2414.2	546.3	195.1
49	6.7	24	2997.7	4.4	2404.3	593.4	223.6
50	6.5	24	3006.9	4.5	2376.1	630.8	250.4
51	6.4	24	2993.6	4.6	2334.6	659.0	275.0
52	6.3	24	2962.2	4.7	2283.5	678.7	297.2
53	6.2	23	2916.1	4.8	2225.6	690.4	316.8
54	6.1	23	2857.9	4.8	2163.0	695.0	333.7
55	6.0	22	2789.9	4.9	2096.9	693.0	347.7
56	6.0	22	2713.7	4.9	2028.7	685.0	358.9
57	5.9	21	2630.7	4.9	1958.9	671.8	367.0
58	5.9	20	2542.0	4.8	1888.2	653.7	372.1
59	5.9	20	2448.4	4.8	1816.9	631.5	374.2
60	5.9	19	2350.7	4.7	1745.3	605.4	373.2
61	5.9	18	2249.4	4.7	1673.3	576.1	369.1
62	6.0	17	2145.0	4.6	1601.1	543.9	362.1
63	6.0	16	2037.8	4.5	1528.5	509.3	352.0
64	6.1	15	1928.0	4.4	1455.3	472.6	339.0
65	6.1	15	1815.7	4.3	1381.5	434.2	323.1



Design Equations (Vector Analysis):

$a = c_{FS}*L_{CR}*\sin(90+\phi_{FS})/\sin(\alpha-\phi_{FS})$

$b = W-a$

$P_A = b*\tan(\alpha-\phi_{FS})$

$EFP = 2*P_A/H^2$

Maximum Active Pressure Resultant

$P_{A,\,max}$ 374.2 lbs/lineal foot

Equivalent Fluid Pressure (per lineal foot of shoring)

$EFP = 2*P_A/H^2$

EFP 7.5 pcf

Design Shoring for an Equivalent Fluid Pressure: 28 pcf

Geotechnologies, Inc.

Project: Frontier West Holdings
File No.: 21704
Description: Slot Cut

Slot Cut Calculation

Input:

Height of Slots	(H)	7.0	feet
Unit Weight of Soils	(γ)	125.0	pcf
Friction Angle of Soils	(ϕ)	34.0	degrees
Cohesion of Soils	(c)	275.0	psf
Factor of Safety	(FS)	1.25	

Factor of Safety = Resistance Force/Driving Force

Coefficient of Lateral Earth Pressure At-Rest	K_o	0.5	

Surcharge Pressure:

Line Load	(q_L)	1000.0	plf
Distance Away from Edge of Excavation	(X)	0.0	feet

Design Equations

$b = H/(\tan \alpha)$

$A = 0.5*H*b$

$W = 0.5*H*b*\gamma$ *(per lineal foot of slot width)*

$F_1 = d*W*(\sin \alpha)*(\cos \alpha)$

$F_2 = d*L$

$R_1 = d*[W*(\cos^2 \alpha)*(\tan \phi)+(c*b)]$

$R_2 = 2*\Delta F$

$\Delta F = A*[1/3*\gamma*H*K_o*(\tan \phi)+c]$

FS = Resistance Force/Driving Force

$FS = (R_1+R_2)/(F_1+F_2)$

Failure Angle (α) degrees	Base Width of Failure Wedge (b) feet	Area of Failure Wedge (A) feet2	Weight of Failure Wedge (W) lbs/lineal foot	**Driving Force** Wedge + Surcharge per lineal foot of Slot Wdith	**Resisting Force** Failure Wedge per lineal foot of Slot Width	**Resisting Force** Side Resistance Force (ΔF) lbs	Allowable Width of Slots* (d) feet
65	3.3	11	1428.1	930.0	1190.2	4355.4	8.0
66	3.1	11	1363.5	878.2	1120.8	4158.6	8.0
67	3.0	10	1300.0	827.2	1054.0	3964.7	8.0
68	2.8	10	1237.3	777.1	989.5	3773.7	8.0
69	2.7	9	1175.6	727.9	927.4	3585.4	8.0
70	2.5	9	1114.7	679.6	867.5	3399.6	8.0
71	2.4	8	1054.5	632.4	809.7	3216.1	8.0
72	2.3	8	995.1	586.3	754.0	3034.8	8.0
73	2.1	7	936.3	541.4	700.2	2855.6	8.0
74	2.0	7	878.2	497.6	648.2	2678.3	8.0
75	1.9	7	820.6	455.1	598.1	2502.7	8.0
76	1.7	6	763.6	414.0	549.6	2328.8	8.0
77	1.6	6	707.0	374.2	502.7	2156.4	8.0
78	1.5	5	651.0	335.8	457.3	1985.3	8.0
79	1.4	5	595.3	298.8	413.4	1815.6	8.0
80	1.2	4	540.0	263.4	370.8	1646.9	8.0
81	1.1	4	485.1	229.5	329.4	1479.4	8.0
82	1.0	3	430.4	197.1	289.2	1312.7	8.0
83	0.9	3	376.0	166.4	250.1	1146.8	8.0
84	0.7	3	321.9	137.4	212.1	981.7	8.0
85	0.6	2	267.9	110.1	174.9	817.2	8.0
86	0.5	2	214.2	84.5	138.6	653.1	8.0
87	0.4	1	160.5	60.7	103.0	489.5	8.0
88	0.2	1	106.9	38.6	68.1	326.2	8.0
89	0.1	0	53.5	18.4	33.8	163.0	8.0
90	0.0	0	0.0	0.0	0.0	0.0	8.0

Critical Slot Width with Factor of Safety equal or exceeding 1.5:

d_{allow} 8.0 feet

The proposed excavation may be made using the A-B-C Slot-Cutting Method with a Maximum Allowable Slot Width of 8 Feet, and up to 7 Feet in Height, with a Factor of Safety Equal or Exceeding 1.25.

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

NATURAL HISTORY MUSEUM
LOS ANGELES COUNTY

Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

27 February 2019

Parker Environmental Consultants
23822 Valencia Boulevard, Suite 301
Valencia, CA 91355

Attn: Elise Lorenzana, Associate Environmental Planner

re: Paleontological resources for the proposed Main Street Tower Project, in the City of Los Angeles, Los Angeles County, project area

Dear Elise:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for the proposed Main Street Tower Project, in the City of Los Angeles, Los Angeles County, project area as outlined on the portion of the Hollywood USGS topographic quadrangle map that you sent to me via e-mail on 11 February 2019. We do not have any vertebrate fossil localities that lie directly within the proposed project boundaries, but we do have localities nearby from the same sedimentary deposits that occur at depth in the proposed project area.

The entire proposed project area site has surface deposits composed of younger Quaternary Alluvium, derived as overbank deposits from the flood plain of the Los Angeles River that currently flows in a concrete channel just to the east. These younger Quaternary deposits usually do not contain significant fossil vertebrates, at least in the uppermost layers, but the underlying older Quaternary deposits found at varying depths may well contain significant vertebrate fossils.

Our closest vertebrate fossil locality from the older Quaternary deposits is LACM 1755, just west of the proposed project area near the intersection of Hill Street and 12th Street, that produced a fossil specimen of horse, *Equus*, at a depth of 43 feet below the street. Our next

closest vertebrate fossil locality in older Quaternary Alluvium is LACM 1893, almost due west of the proposed project area in a cut for the Santa Monica Freeway (I-10) just east of Gramercy Place, that produced fossil specimens of mammoth, *Mammuthus*, and bison, *Bison antiquus*. Our next closest vertebrate fossil locality from older Quaternary deposits beneath the younger Quaternary Alluvium is probably LACM 2032, northeast of the of the proposed project area near the intersection of Mission Road and Daly Street around the Golden State Freeway (I-5), that produced fossil specimens of pond turtle, *Clemmys mamorata*, ground sloth, *Paramylodon harlani*, mastodon, *Mammut americanum*, mammoth, *Mammuthus imperator*, horse, *Equus*, and camel, *Camelops*, at a depth of 20-35 feet below the surface. The pond turtle specimens from locality LACM 2032 were figured in the scientific literature by B.H. Brattstrom and A. Sturn (1959. A new species of fossil turtle from the Pliocene of Oregon, with notes on other fossil *Clemmys* from western North America. Bulletin of the Southern California Academy of Sciences, 58(2):65-71). At our locality LACM 1023, just north of locality LACM 2032 near the intersection of Workman Street and Alhambra Avenue, excavations for a storm drain recovered fossil specimens of turkey, *Meleagris californicus,* sabre-toothed cat, *Smilodon fatalis*, horse, *Equus*, and deer, *Odocoileus*, at unstated depth. A specimen of the turkey, *Meleagris*, from this locality was published in the scientific literatus by D. W. Steadman (1980. A Review of the Osteology and Paleontology of Turkeys (Aves: Meleagridinae). Contributions in Science, Natural History Museum of Los Angeles County, 330:131-207).

Shallow excavations in the younger Quaternary Alluvium exposed throughout the proposed project area are unlikely to uncover significant fossil vertebrate remains. Deeper excavations in the proposed project area that extend down into older Quaternary deposits, however, may well encounter significant vertebrate fossils. Any substantial excavations in the proposed project area, therefore, should be closely monitored to quickly and professionally recover any potential vertebrate fossils without impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

Samuel A. McLeod

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice

APPENDIX F:

GREENHOUSE GAS EMISSIONS CALCULATIONS WORKSHEETS

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Main Street Tower (Existing)

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	26.71	1000sqft	1.12	26,710.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2019
Utility Company					
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data based on Site Plans dated 12/12/18

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR EXISTING CONDITIONS SCENARIO

Off-road Equipment -

Vehicle Trips - Trip rates are based on 26,710 sf of actively used space, as mentioned in the Traffic Impact Assessment dated 6/4/19. Trip rates were adjusted to incorporate trip reductions (transit/walk adjustment and pass-by adjustmnet.

Energy Use - Assumes historical Title 24 for existing conditions scenario

Trips and VMT - IGNORE CONSTRUCTION

Main Street Tower (Existing) - South Coast AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	13355	14055
tblAreaCoating	Area_Nonresidential_Interior	40065	42165
tblLandUse	LotAcreage	0.61	1.12
tblSolidWaste	SolidWasteGenerationRate	28.05	4.20
tblTripsAndVMT	HaulingTripLength	20.00	1.00
tblTripsAndVMT	VendorTripLength	6.90	1.00
tblTripsAndVMT	VendorTripNumber	4.00	1.00
tblTripsAndVMT	WorkerTripLength	14.70	1.00
tblTripsAndVMT	WorkerTripNumber	9.00	1.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	37.55
tblVehicleTrips	SU_TR	25.24	18.99
tblVehicleTrips	WD_TR	42.70	32.09
tblWater	IndoorWaterUseRate	1,978,477.05	296,290.09
tblWater	OutdoorWaterUseRate	1,212,614.97	181,597.15

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0128	0.1537	0.0586	1.5000e-004	8.0000e-005	6.3700e-003	6.4600e-003	2.0000e-005	5.8600e-003	5.8900e-003	0.0000	13.4133	13.4133	4.1600e-003	0.0000	13.5173
Maximum	**0.0128**	**0.1537**	**0.0586**	**1.5000e-004**	**8.0000e-005**	**6.3700e-003**	**6.4600e-003**	**2.0000e-005**	**5.8600e-003**	**5.8900e-003**	**0.0000**	**13.4133**	**13.4133**	**4.1600e-003**	**0.0000**	**13.5173**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0128	0.1537	0.0586	1.5000e-004	8.0000e-005	6.3700e-003	6.4600e-003	2.0000e-005	5.8600e-003	5.8900e-003	0.0000	13.4133	13.4133	4.1600e-003	0.0000	13.5173
Maximum	**0.0128**	**0.1537**	**0.0586**	**1.5000e-004**	**8.0000e-005**	**6.3700e-003**	**6.4600e-003**	**2.0000e-005**	**5.8600e-003**	**5.8900e-003**	**0.0000**	**13.4133**	**13.4133**	**4.1600e-003**	**0.0000**	**13.5173**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-9-2019	7-8-2019	0.1082	0.1082
2	7-9-2019	9-30-2019	0.0583	0.0583
		Highest	0.1082	0.1082

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1096	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.6000e-004	6.6000e-004	0.0000	0.0000	7.1000e-004
Energy	2.6000e-004	2.3800e-003	2.0000e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5941	2.5941	5.0000e-005	5.0000e-005	2.6096
Mobile	0.3125	1.7470	4.2980	0.0139	1.0824	0.0161	1.0985	0.2901	0.0152	0.3053	0.0000	1,282.9916	1,282.9916	0.0687	0.0000	1,284.7095
Waste						0.0000	0.0000		0.0000	0.0000	0.8526	0.0000	0.8526	0.0504	0.0000	2.1122
Water						0.0000	0.0000		0.0000	0.0000	0.0940	0.0000	0.0940	9.6500e-003	2.3000e-004	0.4033
Total	**0.4224**	**1.7494**	**4.3003**	**0.0139**	**1.0824**	**0.0163**	**1.0987**	**0.2901**	**0.0154**	**0.3055**	**0.9466**	**1,285.5864**	**1,286.5330**	**0.1288**	**2.8000e-004**	**1,289.8353**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1096	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.6000e-004	6.6000e-004	0.0000	0.0000	7.1000e-004
Energy	2.6000e-004	2.3800e-003	2.0000e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5941	2.5941	5.0000e-005	5.0000e-005	2.6096
Mobile	0.3125	1.7470	4.2980	0.0139	1.0824	0.0161	1.0985	0.2901	0.0152	0.3053	0.0000	1,282.9916	1,282.9916	0.0687	0.0000	1,284.7095
Waste						0.0000	0.0000		0.0000	0.0000	0.8526	0.0000	0.8526	0.0504	0.0000	2.1122
Water						0.0000	0.0000		0.0000	0.0000	0.0940	0.0000	0.0940	9.6500e-003	2.3000e-004	0.4033
Total	**0.4224**	**1.7494**	**4.3003**	**0.0139**	**1.0824**	**0.0163**	**1.0987**	**0.2901**	**0.0154**	**0.3055**	**0.9466**	**1,285.5864**	**1,286.5330**	**0.1288**	**2.8000e-004**	**1,289.8353**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	4/9/2019	8/26/2019	5	100	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	4.00	231	0.29

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction	5	1.00	1.00	0.00	1.00	1.00	1.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1502	0.0573	1.4000e-004		6.3700e-003	6.3700e-003		5.8600e-003	5.8600e-003	0.0000	12.9548	12.9548	4.1000e-003	0.0000	13.0573
Total	**0.0126**	**0.1502**	**0.0573**	**1.4000e-004**		**6.3700e-003**	**6.3700e-003**		**5.8600e-003**	**5.8600e-003**	**0.0000**	**12.9548**	**12.9548**	**4.1000e-003**	**0.0000**	**13.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.5300e-003	9.0000e-004	0.0000	5.0000e-005	1.0000e-005	5.0000e-005	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.4140	0.4140	6.0000e-005	0.0000	0.4154
Worker	7.0000e-005	3.0000e-005	3.8000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0445	0.0445	0.0000	0.0000	0.0446
Total	**1.7000e-004**	**3.5600e-003**	**1.2800e-003**	**0.0000**	**9.0000e-005**	**1.0000e-005**	**9.0000e-005**	**2.0000e-005**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4600**

3.2 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.1502	0.0573	1.4000e-004		6.3700e-003	6.3700e-003		5.8600e-003	5.8600e-003	0.0000	12.9548	12.9548	4.1000e-003	0.0000	13.0573
Total	**0.0126**	**0.1502**	**0.0573**	**1.4000e-004**		**6.3700e-003**	**6.3700e-003**		**5.8600e-003**	**5.8600e-003**	**0.0000**	**12.9548**	**12.9548**	**4.1000e-003**	**0.0000**	**13.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.5300e-003	9.0000e-004	0.0000	5.0000e-005	1.0000e-005	5.0000e-005	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.4140	0.4140	6.0000e-005	0.0000	0.4154
Worker	7.0000e-005	3.0000e-005	3.8000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0445	0.0445	0.0000	0.0000	0.0446
Total	**1.7000e-004**	**3.5600e-003**	**1.2800e-003**	**0.0000**	**9.0000e-005**	**1.0000e-005**	**9.0000e-005**	**2.0000e-005**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**0.4585**	**0.4585**	**6.0000e-005**	**0.0000**	**0.4600**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3125	1.7470	4.2980	0.0139	1.0824	0.0161	1.0985	0.2901	0.0152	0.3053	0.0000	1,282.9916	1,282.9916	0.0687	0.0000	1,284.7095
Unmitigated	0.3125	1.7470	4.2980	0.0139	1.0824	0.0161	1.0985	0.2901	0.0152	0.3053	0.0000	1,282.9916	1,282.9916	0.0687	0.0000	1,284.7095

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Regional Shopping Center	857.12	1,002.96	507.22	2,848,540	2,848,540
Total	857.12	1,002.96	507.22	2,848,540	2,848,540

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Regional Shopping Center	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	2.6000e-004	2.3800e-003	2.0000e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5941	2.5941	5.0000e-005	5.0000e-005	2.6096
NaturalGas Unmitigated	2.6000e-004	2.3800e-003	2.0000e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5941	2.5941	5.0000e-005	5.0000e-005	2.6096

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Regional Shopping Center	48612.2	2.6000e-004	2.3800e-003	2.0000e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5941	2.5941	5.0000e-005	5.0000e-005	2.6096
Total		**2.6000e-004**	**2.3800e-003**	**2.0000e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**2.5941**	**2.5941**	**5.0000e-005**	**5.0000e-005**	**2.6096**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Regional Shopping Center	48612.2	2.6000e-004	2.3800e-003	2.0000e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5941	2.5941	5.0000e-005	5.0000e-005	2.6096
Total		**2.6000e-004**	**2.3800e-003**	**2.0000e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**2.5941**	**2.5941**	**5.0000e-005**	**5.0000e-005**	**2.6096**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Regional Shopping Center	426292	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Regional Shopping Center	426292	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1096	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.6000e-004	6.6000e-004	0.0000	0.0000	7.1000e-004
Unmitigated	0.1096	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.6000e-004	6.6000e-004	0.0000	0.0000	7.1000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0130					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.6000e-004	6.6000e-004	0.0000	0.0000	7.1000e-004
Total	**0.1096**	**0.0000**	**3.4000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.6000e-004**	**6.6000e-004**	**0.0000**	**0.0000**	**7.1000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0130					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.6000e-004	6.6000e-004	0.0000	0.0000	7.1000e-004
Total	**0.1096**	**0.0000**	**3.4000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.6000e-004**	**6.6000e-004**	**0.0000**	**0.0000**	**7.1000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0940	9.6500e-003	2.3000e-004	0.4033
Unmitigated	0.0940	9.6500e-003	2.3000e-004	0.4033

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Regional Shopping Center	0.29629 / 0.181597	0.0940	9.6500e-003	2.3000e-004	0.4033
Total		**0.0940**	**9.6500e-003**	**2.3000e-004**	**0.4033**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Regional Shopping Center	0.29629 / 0.181597	0.0940	9.6500e-003	2.3000e-004	0.4033
Total		**0.0940**	**9.6500e-003**	**2.3000e-004**	**0.4033**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.8526	0.0504	0.0000	2.1122
Unmitigated	0.8526	0.0504	0.0000	2.1122

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Regional Shopping Center	4.2	0.8526	0.0504	0.0000	2.1122
Total		**0.8526**	**0.0504**	**0.0000**	**2.1122**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Regional Shopping Center	4.2	0.8526	0.0504	0.0000	2.1122
Total		**0.8526**	**0.0504**	**0.0000**	**2.1122**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Main Street Tower (Proposed)

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	373.00	Space	1.12	143,058.00	0
Apartments High Rise	363.00	Dwelling Unit	0.00	330,935.00	944
Regional Shopping Center	12.50	1000sqft	0.00	12,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2026
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project data per Site Plan dated 12/12/18

Construction Phase - Approximate 30-month construction timeline

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Off-road Equipment - Equipment use on worst-case day

Trips and VMT - Assumes 14 cy haul truck capacity and approximately 30 miles to disposal site

Demolition - Approximately 3,780 tons of construction and demolition debris

Grading - Approximately 5,434 cy of soil for export and approximately 5,434 cy of soil for import for foundations

Vehicle Trips - Trip rates were adjusted to incorporate trip reductions (internal capture, transit/walk adjustment, and pass-by trips). Trip reductions per Traffic Impact Study dated 6/4/19

Woodstoves - No woodstoves or fireplaces proposed

Land Use Change -

Sequestration - 91 trees proposed on-site

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Mitigation - Mitigation scenario assumes LAMC and LA Green Building code compliance.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	96.00
tblConstructionPhase	NumDays	300.00	400.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	30.00	129.00

tblConstructionPhase	NumDays	20.00	22.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	308.55	0.00
tblFireplaces	NumberNoFireplace	36.30	0.00
tblFireplaces	NumberWood	18.15	0.00
tblGrading	AcresOfGrading	322.50	75.00
tblGrading	MaterialExported	0.00	5,434.00
tblGrading	MaterialImported	0.00	5,434.00
tblLandUse	LandUseSquareFeet	149,200.00	143,058.00
tblLandUse	LandUseSquareFeet	363,000.00	330,935.00
tblLandUse	LotAcreage	3.36	1.12
tblLandUse	LotAcreage	5.85	0.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	Population	1,038.00	944.00
tblOffRoadEquipment	HorsePower	221.00	367.00
tblOffRoadEquipment	HorsePower	187.00	158.00
tblOffRoadEquipment	LoadFactor	0.50	0.48
tblOffRoadEquipment	LoadFactor	0.41	0.38
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblTripsAndVMT	HaulingTripNumber	1,359.00	1,553.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	50.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	54.00	50.00
tblVehicleTrips	ST_TR	4.98	2.32
tblVehicleTrips	ST_TR	49.97	33.81
tblVehicleTrips	SU_TR	3.65	1.70
tblVehicleTrips	SU_TR	25.24	17.07
tblVehicleTrips	WD_TR	4.20	1.96
tblVehicleTrips	WD_TR	42.70	28.88
tblWoodstoves	NumberCatalytic	18.15	0.00
tblWoodstoves	NumberNoncatalytic	18.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.2426	2.5603	2.0277	5.5800e-003	0.4756	0.0996	0.5751	0.2207	0.0918	0.3124	0.0000	497.2779	497.2779	0.1403	0.0000	500.7853
2024	0.4636	3.1732	4.3708	0.0114	0.5770	0.1093	0.6864	0.1530	0.1057	0.2587	0.0000	1,006.0636	1,006.0636	0.0872	0.0000	1,008.2431
2025	1.4037	2.0282	3.0525	7.4300e-003	0.3209	0.0691	0.3900	0.0859	0.0670	0.1529	0.0000	656.5791	656.5791	0.0561	0.0000	657.9803
2026	0.0122	3.6000e-003	6.4200e-003	1.0000e-005	3.6000e-004	1.6000e-004	5.1000e-004	9.0000e-005	1.6000e-004	2.5000e-004	0.0000	1.0375	1.0375	9.0000e-005	0.0000	1.0397
Maximum	**1.4037**	**3.1732**	**4.3708**	**0.0114**	**0.5770**	**0.1093**	**0.6864**	**0.2207**	**0.1057**	**0.3124**	**0.0000**	**1,006.0636**	**1,006.0636**	**0.1403**	**0.0000**	**1,008.2431**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.2426	2.5603	2.0277	5.5800e-003	0.2274	0.0996	0.3270	0.1029	0.0918	0.1947	0.0000	497.2774	497.2774	0.1403	0.0000	500.7848
2024	0.4636	3.1732	4.3708	0.0114	0.5449	0.1093	0.6542	0.1452	0.1057	0.2509	0.0000	1,006.0631	1,006.0631	0.0872	0.0000	1,008.2425
2025	1.4037	2.0282	3.0525	7.4300e-003	0.3209	0.0691	0.3900	0.0859	0.0670	0.1529	0.0000	656.5787	656.5787	0.0561	0.0000	657.9800
2026	0.0122	3.6000e-003	6.4200e-003	1.0000e-005	3.6000e-004	1.6000e-004	5.1000e-004	9.0000e-005	1.6000e-004	2.5000e-004	0.0000	1.0375	1.0375	9.0000e-005	0.0000	1.0397
Maximum	**1.4037**	**3.1732**	**4.3708**	**0.0114**	**0.5449**	**0.1093**	**0.6542**	**0.1452**	**0.1057**	**0.2509**	**0.0000**	**1,006.0631**	**1,006.0631**	**0.1403**	**0.0000**	**1,008.2425**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**20.40**	**0.00**	**16.97**	**27.33**	**0.00**	**17.34**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-12-2023**	**9-11-2023**	1.1735	1.1735
2	**9-12-2023**	**12-11-2023**	1.3374	1.3374
3	**12-12-2023**	**3-11-2024**	1.0250	1.0250
4	**3-12-2024**	**6-11-2024**	0.9009	0.9009
5	**6-12-2024**	**9-11-2024**	0.8998	0.8998
6	**9-12-2024**	**12-11-2024**	0.8941	0.8941
7	**12-12-2024**	**3-11-2025**	0.8502	0.8502
8	**3-12-2025**	**6-11-2025**	0.8549	0.8549

9	**6-12-2025**	**9-11-2025**	0.6707	0.6707
10	**9-12-2025**	**12-11-2025**	1.0270	1.0270
11	**12-12-2025**	**3-11-2026**	0.2370	0.2370
		Highest	1.3374	1.3374

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4743	0.0431	3.7449	2.0000e-004		0.0208	0.0208		0.0208	0.0208	0.0000	6.1245	6.1245	5.8800e-003	0.0000	6.2715
Energy	0.0182	0.1552	0.0665	9.9000e-004		0.0125	0.0125		0.0125	0.0125	0.0000	1,541.1723	1,541.1723	0.0356	9.9500e-003	1,545.0263
Mobile	0.2377	1.2385	3.1180	0.0136	1.2782	9.6900e-003	1.2879	0.3424	9.0000e-003	0.3514	0.0000	1,262.9759	1,262.9759	0.0539	0.0000	1,264.3235
Stationary	4.9200e-003	0.0220	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	36.5607	0.0000	36.5607	2.1607	0.0000	90.5776
Water						0.0000	0.0000		0.0000	0.0000	7.7971	274.0104	281.8075	0.8073	0.0203	308.0242
Total	**1.7351**	**1.4588**	**6.9419**	**0.0148**	**1.2782**	**0.0437**	**1.3219**	**0.3424**	**0.0430**	**0.3855**	**44.3578**	**3,086.5679**	**3,130.9257**	**3.0637**	**0.0302**	**3,216.5159**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4743	0.0431	3.7449	2.0000e-004		0.0208	0.0208		0.0208	0.0208	0.0000	6.1245	6.1245	5.8800e-003	0.0000	6.2715
Energy	0.0173	0.1478	0.0633	9.4000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	1,473.7848	1,473.7848	0.0341	9.5000e-003	1,477.4675
Mobile	0.2377	1.2385	3.1180	0.0136	1.2782	9.6900e-003	1.2879	0.3424	9.0000e-003	0.3514	0.0000	1,262.9759	1,262.9759	0.0539	0.0000	1,264.3235
Stationary	4.9200e-003	0.0220	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	18.2804	0.0000	18.2804	1.0803	0.0000	45.2888
Water						0.0000	0.0000		0.0000	0.0000	6.2377	238.3632	244.6009	0.6463	0.0163	265.6135
Total	**1.7342**	**1.4514**	**6.9387**	**0.0148**	**1.2782**	**0.0431**	**1.3213**	**0.3424**	**0.0424**	**0.3849**	**24.5180**	**2,983.5332**	**3,008.0512**	**1.8208**	**0.0258**	**3,061.2576**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.05**	**0.51**	**0.05**	**0.34**	**0.00**	**1.37**	**0.05**	**0.00**	**1.39**	**0.16**	**44.73**	**3.34**	**3.92**	**40.57**	**14.60**	**4.83**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
New Trees	0.0000
Total	**0.0000**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/12/2023	7/11/2023	5	22	
2	Grading	Grading	7/12/2023	1/8/2024	5	129	
3	Building Construction	Building Construction	1/9/2024	7/21/2025	5	400	
4	Paving	Paving	7/22/2025	8/20/2025	5	22	
5	Architectural Coating	Architectural Coating	8/21/2025	1/1/2026	5	96	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 1.12

Residential Indoor: 670,143; Residential Outdoor: 223,381; Non-Residential Indoor: 18,750; Non-Residential Outdoor: 6,250; Striped Parking Area: 8,583 (Architectural Coating – sqft)

OffRoad Equipment

Main Street Tower (Proposed) - South Coast AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	367	0.48
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1		9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Architectural Coating	Aerial Lifts	1	8.00	63	0.31
Architectural Coating	Air Compressors	5	6.00	78	0.48
Architectural Coating	Forklifts	1	8.00	89	0.20

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	10.00	0.00	374.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	0.00	1,553.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	325.00	64.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	65.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0404	0.0000	0.0404	6.1200e-003	0.0000	6.1200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0236	0.2162	0.2466	4.3000e-004		0.0106	0.0106		9.8200e-003	9.8200e-003	0.0000	37.2040	37.2040	0.0104	0.0000	37.4643
Total	**0.0236**	**0.2162**	**0.2466**	**4.3000e-004**	**0.0404**	**0.0106**	**0.0510**	**6.1200e-003**	**9.8200e-003**	**0.0159**	**0.0000**	**37.2040**	**37.2040**	**0.0104**	**0.0000**	**37.4643**

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.6000e-004	0.0289	9.2300e-003	1.3000e-004	3.2200e-003	5.0000e-005	3.2700e-003	8.8000e-004	5.0000e-005	9.3000e-004	0.0000	13.2511	13.2511	8.6000e-004	0.0000	13.2726
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	2.8000e-004	3.2600e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9757	0.9757	2.0000e-005	0.0000	0.9763
Total	**1.2700e-003**	**0.0292**	**0.0125**	**1.4000e-004**	**4.4300e-003**	**6.0000e-005**	**4.4900e-003**	**1.2000e-003**	**6.0000e-005**	**1.2600e-003**	**0.0000**	**14.2268**	**14.2268**	**8.8000e-004**	**0.0000**	**14.2489**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0182	0.0000	0.0182	2.7600e-003	0.0000	2.7600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0236	0.2162	0.2466	4.3000e-004		0.0106	0.0106		9.8200e-003	9.8200e-003	0.0000	37.2039	37.2039	0.0104	0.0000	37.4642
Total	**0.0236**	**0.2162**	**0.2466**	**4.3000e-004**	**0.0182**	**0.0106**	**0.0288**	**2.7600e-003**	**9.8200e-003**	**0.0126**	**0.0000**	**37.2039**	**37.2039**	**0.0104**	**0.0000**	**37.4642**

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.6000e-004	0.0289	9.2300e-003	1.3000e-004	3.2200e-003	5.0000e-005	3.2700e-003	8.8000e-004	5.0000e-005	9.3000e-004	0.0000	13.2511	13.2511	8.6000e-004	0.0000	13.2726
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	2.8000e-004	3.2600e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9757	0.9757	2.0000e-005	0.0000	0.9763
Total	**1.2700e-003**	**0.0292**	**0.0125**	**1.4000e-004**	**4.4300e-003**	**6.0000e-005**	**4.4900e-003**	**1.2000e-003**	**6.0000e-005**	**1.2600e-003**	**0.0000**	**14.2268**	**14.2268**	**8.8000e-004**	**0.0000**	**14.2489**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4107	0.0000	0.4107	0.2080	0.0000	0.2080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2120	2.1990	1.7137	4.4200e-003		0.0887	0.0887		0.0816	0.0816	0.0000	387.9272	387.9272	0.1255	0.0000	391.0638
Total	**0.2120**	**2.1990**	**1.7137**	**4.4200e-003**	**0.4107**	**0.0887**	**0.4995**	**0.2080**	**0.0816**	**0.2896**	**0.0000**	**387.9272**	**387.9272**	**0.1255**	**0.0000**	**391.0638**

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4200e-003	0.1144	0.0365	5.3000e-004	0.0132	2.1000e-004	0.0134	3.6100e-003	2.0000e-004	3.8100e-003	0.0000	52.4646	52.4646	3.4100e-003	0.0000	52.5499
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2700e-003	1.5500e-003	0.0183	6.0000e-005	6.7500e-003	5.0000e-005	6.8000e-003	1.7900e-003	4.0000e-005	1.8400e-003	0.0000	5.4553	5.4553	1.3000e-004	0.0000	5.4585
Total	**5.6900e-003**	**0.1160**	**0.0548**	**5.9000e-004**	**0.0200**	**2.6000e-004**	**0.0202**	**5.4000e-003**	**2.4000e-004**	**5.6500e-003**	**0.0000**	**57.9199**	**57.9199**	**3.5400e-003**	**0.0000**	**58.0083**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1848	0.0000	0.1848	0.0936	0.0000	0.0936	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2120	2.1990	1.7137	4.4200e-003		0.0887	0.0887		0.0816	0.0816	0.0000	387.9267	387.9267	0.1255	0.0000	391.0633
Total	**0.2120**	**2.1990**	**1.7137**	**4.4200e-003**	**0.1848**	**0.0887**	**0.2736**	**0.0936**	**0.0816**	**0.1752**	**0.0000**	**387.9267**	**387.9267**	**0.1255**	**0.0000**	**391.0633**

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4200e-003	0.1144	0.0365	5.3000e-004	0.0132	2.1000e-004	0.0134	3.6100e-003	2.0000e-004	3.8100e-003	0.0000	52.4646	52.4646	3.4100e-003	0.0000	52.5499
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2700e-003	1.5500e-003	0.0183	6.0000e-005	6.7500e-003	5.0000e-005	6.8000e-003	1.7900e-003	4.0000e-005	1.8400e-003	0.0000	5.4553	5.4553	1.3000e-004	0.0000	5.4585
Total	**5.6900e-003**	**0.1160**	**0.0548**	**5.9000e-004**	**0.0200**	**2.6000e-004**	**0.0202**	**5.4000e-003**	**2.4000e-004**	**5.6500e-003**	**0.0000**	**57.9199**	**57.9199**	**3.5400e-003**	**0.0000**	**58.0083**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0585	0.0000	0.0585	0.0143	0.0000	0.0143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0101	0.1009	0.0826	2.2000e-004		4.0700e-003	4.0700e-003		3.7500e-003	3.7500e-003	0.0000	18.9219	18.9219	6.1200e-003	0.0000	19.0748
Total	**0.0101**	**0.1009**	**0.0826**	**2.2000e-004**	**0.0585**	**4.0700e-003**	**0.0625**	**0.0143**	**3.7500e-003**	**0.0181**	**0.0000**	**18.9219**	**18.9219**	**6.1200e-003**	**0.0000**	**19.0748**

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-004	5.5500e-003	1.8100e-003	3.0000e-005	0.0102	1.0000e-005	0.0102	2.5200e-003	1.0000e-005	2.5300e-003	0.0000	2.5500	2.5500	1.7000e-004	0.0000	2.5542
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	8.3000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2574	0.2574	1.0000e-005	0.0000	0.2575
Total	**2.7000e-004**	**5.6200e-003**	**2.6400e-003**	**3.0000e-005**	**0.0105**	**1.0000e-005**	**0.0105**	**2.6100e-003**	**1.0000e-005**	**2.6200e-003**	**0.0000**	**2.8074**	**2.8074**	**1.8000e-004**	**0.0000**	**2.8117**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0263	0.0000	0.0263	6.4400e-003	0.0000	6.4400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0101	0.1009	0.0826	2.2000e-004		4.0700e-003	4.0700e-003		3.7500e-003	3.7500e-003	0.0000	18.9218	18.9218	6.1200e-003	0.0000	19.0748
Total	**0.0101**	**0.1009**	**0.0826**	**2.2000e-004**	**0.0263**	**4.0700e-003**	**0.0304**	**6.4400e-003**	**3.7500e-003**	**0.0102**	**0.0000**	**18.9218**	**18.9218**	**6.1200e-003**	**0.0000**	**19.0748**

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-004	5.5500e-003	1.8100e-003	3.0000e-005	0.0102	1.0000e-005	0.0102	2.5200e-003	1.0000e-005	2.5300e-003	0.0000	2.5500	2.5500	1.7000e-004	0.0000	2.5542
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	8.3000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2574	0.2574	1.0000e-005	0.0000	0.2575
Total	**2.7000e-004**	**5.6200e-003**	**2.6400e-003**	**3.0000e-005**	**0.0105**	**1.0000e-005**	**0.0105**	**2.6100e-003**	**1.0000e-005**	**2.6200e-003**	**0.0000**	**2.8074**	**2.8074**	**1.8000e-004**	**0.0000**	**2.8117**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2920	2.4070	2.9731	5.2000e-003		0.1014	0.1014		0.0984	0.0984	0.0000	435.8826	435.8826	0.0625	0.0000	437.4459
Total	**0.2920**	**2.4070**	**2.9731**	**5.2000e-003**		**0.1014**	**0.1014**		**0.0984**	**0.0984**	**0.0000**	**435.8826**	**435.8826**	**0.0625**	**0.0000**	**437.4459**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0160	0.5642	0.1612	1.9700e-003	0.0516	6.4000e-004	0.0523	0.0149	6.1000e-004	0.0155	0.0000	191.5890	191.5890	0.0104	0.0000	191.8493
Worker	0.1453	0.0954	1.1512	3.9400e-003	0.4564	3.2000e-003	0.4596	0.1212	2.9400e-003	0.1242	0.0000	356.8627	356.8627	7.9500e-003	0.0000	357.0614
Total	**0.1612**	**0.6596**	**1.3124**	**5.9100e-003**	**0.5081**	**3.8400e-003**	**0.5119**	**0.1361**	**3.5500e-003**	**0.1397**	**0.0000**	**548.4518**	**548.4518**	**0.0184**	**0.0000**	**548.9107**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2920	2.4070	2.9731	5.2000e-003		0.1014	0.1014		0.0984	0.0984	0.0000	435.8821	435.8821	0.0625	0.0000	437.4453
Total	**0.2920**	**2.4070**	**2.9731**	**5.2000e-003**		**0.1014**	**0.1014**		**0.0984**	**0.0984**	**0.0000**	**435.8821**	**435.8821**	**0.0625**	**0.0000**	**437.4453**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0160	0.5642	0.1612	1.9700e-003	0.0516	6.4000e-004	0.0523	0.0149	6.1000e-004	0.0155	0.0000	191.5890	191.5890	0.0104	0.0000	191.8493
Worker	0.1453	0.0954	1.1512	3.9400e-003	0.4564	3.2000e-003	0.4596	0.1212	2.9400e-003	0.1242	0.0000	356.8627	356.8627	7.9500e-003	0.0000	357.0614
Total	**0.1612**	**0.6596**	**1.3124**	**5.9100e-003**	**0.5081**	**3.8400e-003**	**0.5119**	**0.1361**	**3.5500e-003**	**0.1397**	**0.0000**	**548.4518**	**548.4518**	**0.0184**	**0.0000**	**548.9107**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1537	1.2751	1.6651	2.9300e-003		0.0497	0.0497		0.0482	0.0482	0.0000	245.2016	245.2016	0.0345	0.0000	246.0631
Total	**0.1537**	**1.2751**	**1.6651**	**2.9300e-003**		**0.0497**	**0.0497**		**0.0482**	**0.0482**	**0.0000**	**245.2016**	**245.2016**	**0.0345**	**0.0000**	**246.0631**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7500e-003	0.3145	0.0883	1.1000e-003	0.0291	3.5000e-004	0.0294	8.3800e-003	3.4000e-004	8.7200e-003	0.0000	107.1638	107.1638	5.7600e-003	0.0000	107.3078
Worker	0.0777	0.0491	0.6014	2.1300e-003	0.2567	1.7600e-003	0.2585	0.0682	1.6200e-003	0.0698	0.0000	192.8280	192.8280	4.0700e-003	0.0000	192.9298
Total	**0.0865**	**0.3636**	**0.6896**	**3.2300e-003**	**0.2858**	**2.1100e-003**	**0.2879**	**0.0766**	**1.9600e-003**	**0.0785**	**0.0000**	**299.9918**	**299.9918**	**9.8300e-003**	**0.0000**	**300.2376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1537	1.2751	1.6651	2.9300e-003		0.0497	0.0497		0.0482	0.0482	0.0000	245.2013	245.2013	0.0345	0.0000	246.0629
Total	**0.1537**	**1.2751**	**1.6651**	**2.9300e-003**		**0.0497**	**0.0497**		**0.0482**	**0.0482**	**0.0000**	**245.2013**	**245.2013**	**0.0345**	**0.0000**	**246.0629**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7500e-003	0.3145	0.0883	1.1000e-003	0.0291	3.5000e-004	0.0294	8.3800e-003	3.4000e-004	8.7200e-003	0.0000	107.1638	107.1638	5.7600e-003	0.0000	107.3078
Worker	0.0777	0.0491	0.6014	2.1300e-003	0.2567	1.7600e-003	0.2585	0.0682	1.6200e-003	0.0698	0.0000	192.8280	192.8280	4.0700e-003	0.0000	192.9298
Total	**0.0865**	**0.3636**	**0.6896**	**3.2300e-003**	**0.2858**	**2.1100e-003**	**0.2879**	**0.0766**	**1.9600e-003**	**0.0785**	**0.0000**	**299.9918**	**299.9918**	**9.8300e-003**	**0.0000**	**300.2376**

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.0300e-003	0.0472	0.0802	1.3000e-004		2.3000e-003	2.3000e-003		2.1200e-003	2.1200e-003	0.0000	11.0106	11.0106	3.5600e-003	0.0000	11.0996
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0300e-003**	**0.0472**	**0.0802**	**1.3000e-004**		**2.3000e-003**	**2.3000e-003**		**2.1200e-003**	**2.1200e-003**	**0.0000**	**11.0106**	**11.0106**	**3.5600e-003**	**0.0000**	**11.0996**

3.5 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.3000e-004	2.8300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9065	0.9065	2.0000e-005	0.0000	0.9069
Total	**3.7000e-004**	**2.3000e-004**	**2.8300e-003**	**1.0000e-005**	**1.2100e-003**	**1.0000e-005**	**1.2200e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**0.9065**	**0.9065**	**2.0000e-005**	**0.0000**	**0.9069**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.0300e-003	0.0472	0.0802	1.3000e-004		2.3000e-003	2.3000e-003		2.1200e-003	2.1200e-003	0.0000	11.0106	11.0106	3.5600e-003	0.0000	11.0996
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.0300e-003**	**0.0472**	**0.0802**	**1.3000e-004**		**2.3000e-003**	**2.3000e-003**		**2.1200e-003**	**2.1200e-003**	**0.0000**	**11.0106**	**11.0106**	**3.5600e-003**	**0.0000**	**11.0996**

3.5 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.3000e-004	2.8300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9065	0.9065	2.0000e-005	0.0000	0.9069
Total	**3.7000e-004**	**2.3000e-004**	**2.8300e-003**	**1.0000e-005**	**1.2100e-003**	**1.0000e-005**	**1.2200e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**0.9065**	**0.9065**	**2.0000e-005**	**0.0000**	**0.9069**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1016					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0463	0.3357	0.5354	8.6000e-004		0.0147	0.0147		0.0145	0.0145	0.0000	74.0261	74.0261	7.6400e-003	0.0000	74.2170
Total	**1.1479**	**0.3357**	**0.5354**	**8.6000e-004**		**0.0147**	**0.0147**		**0.0145**	**0.0145**	**0.0000**	**74.0261**	**74.0261**	**7.6400e-003**	**0.0000**	**74.2170**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	6.4700e-003	0.0794	2.8000e-004	0.0339	2.3000e-004	0.0341	9.0000e-003	2.1000e-004	9.2100e-003	0.0000	25.4426	25.4426	5.4000e-004	0.0000	25.4560
Total	**0.0103**	**6.4700e-003**	**0.0794**	**2.8000e-004**	**0.0339**	**2.3000e-004**	**0.0341**	**9.0000e-003**	**2.1000e-004**	**9.2100e-003**	**0.0000**	**25.4426**	**25.4426**	**5.4000e-004**	**0.0000**	**25.4560**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1016					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0463	0.3357	0.5354	8.6000e-004		0.0147	0.0147		0.0145	0.0145	0.0000	74.0260	74.0260	7.6400e-003	0.0000	74.2170
Total	**1.1479**	**0.3357**	**0.5354**	**8.6000e-004**		**0.0147**	**0.0147**		**0.0145**	**0.0145**	**0.0000**	**74.0260**	**74.0260**	**7.6400e-003**	**0.0000**	**74.2170**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	6.4700e-003	0.0794	2.8000e-004	0.0339	2.3000e-004	0.0341	9.0000e-003	2.1000e-004	9.2100e-003	0.0000	25.4426	25.4426	5.4000e-004	0.0000	25.4560
Total	**0.0103**	**6.4700e-003**	**0.0794**	**2.8000e-004**	**0.0339**	**2.3000e-004**	**0.0341**	**9.0000e-003**	**2.1000e-004**	**9.2100e-003**	**0.0000**	**25.4426**	**25.4426**	**5.4000e-004**	**0.0000**	**25.4560**

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0116					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9000e-004	3.5300e-003	5.6400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.5000e-004	1.5000e-004	0.0000	0.7792	0.7792	8.0000e-005	0.0000	0.7812
Total	**0.0121**	**3.5300e-003**	**5.6400e-003**	**1.0000e-005**		**1.6000e-004**	**1.6000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**0.7792**	**0.7792**	**8.0000e-005**	**0.0000**	**0.7812**

3.6 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	6.0000e-005	7.8000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2583	0.2583	1.0000e-005	0.0000	0.2585
Total	**1.0000e-004**	**6.0000e-005**	**7.8000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.2583**	**0.2583**	**1.0000e-005**	**0.0000**	**0.2585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0116					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9000e-004	3.5300e-003	5.6400e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.5000e-004	1.5000e-004	0.0000	0.7792	0.7792	8.0000e-005	0.0000	0.7812
Total	**0.0121**	**3.5300e-003**	**5.6400e-003**	**1.0000e-005**		**1.6000e-004**	**1.6000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**0.7792**	**0.7792**	**8.0000e-005**	**0.0000**	**0.7812**

3.6 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	6.0000e-005	7.8000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2583	0.2583	1.0000e-005	0.0000	0.2585
Total	**1.0000e-004**	**6.0000e-005**	**7.8000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.2583**	**0.2583**	**1.0000e-005**	**0.0000**	**0.2585**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2377	1.2385	3.1180	0.0136	1.2782	9.6900e-003	1.2879	0.3424	9.0000e-003	0.3514	0.0000	1,262.9759	1,262.9759	0.0539	0.0000	1,264.3235
Unmitigated	0.2377	1.2385	3.1180	0.0136	1.2782	9.6900e-003	1.2879	0.3424	9.0000e-003	0.3514	0.0000	1,262.9759	1,262.9759	0.0539	0.0000	1,264.3235

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	711.48	842.16	617.10	2,758,505	2,758,505
Enclosed Parking with Elevator	0.00	0.00	0.00		
Regional Shopping Center	361.00	422.63	213.38	606,202	606,202
Total	1,072.48	1,264.79	830.48	3,364,707	3,364,707

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	50	0	50

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Enclosed Parking with Elevator	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Regional Shopping Center	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,302.7216	1,302.7216	0.0308	6.3700e-003	1,305.3878
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,361.5364	1,361.5364	0.0322	6.6500e-003	1,364.3230
NaturalGas Mitigated	0.0173	0.1478	0.0633	9.4000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	171.0631	171.0631	3.2800e-003	3.1400e-003	172.0797
NaturalGas Unmitigated	0.0182	0.1552	0.0665	9.9000e-004		0.0125	0.0125		0.0125	0.0125	0.0000	179.6359	179.6359	3.4400e-003	3.2900e-003	180.7034

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments High Rise	3.34575e+006	0.0180	0.1542	0.0656	9.8000e-004		0.0125	0.0125		0.0125	0.0125	0.0000	178.5419	178.5419	3.4200e-003	3.2700e-003	179.6029
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	20500	1.1000e-004	1.0000e-003	8.4000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.0940	1.0940	2.0000e-005	2.0000e-005	1.1005
Total		**0.0182**	**0.1552**	**0.0664**	**9.9000e-004**		**0.0125**	**0.0125**		**0.0125**	**0.0125**	**0.0000**	**179.6359**	**179.6359**	**3.4400e-003**	**3.2900e-003**	**180.7034**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments High Rise	3.18654e+006	0.0172	0.1468	0.0625	9.4000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	170.0459	170.0459	3.2600e-003	3.1200e-003	171.0564
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	19062.5	1.0000e-004	9.3000e-004	7.8000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	1.0173	1.0173	2.0000e-005	2.0000e-005	1.0233
Total		**0.0173**	**0.1478**	**0.0633**	**9.5000e-004**		**0.0119**	**0.0119**		**0.0119**	**0.0119**	**0.0000**	**171.0631**	**171.0631**	**3.2800e-003**	**3.1400e-003**	**172.0797**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.43751e+006	800.6372	0.0189	3.9100e-003	802.2758
Enclosed Parking with Elevator	838320	466.9119	0.0110	2.2800e-003	467.8675
Regional Shopping Center	168750	93.9873	2.2200e-003	4.6000e-004	94.1796
Total		**1,361.5364**	**0.0322**	**6.6500e-003**	**1,364.3230**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.393e+006	775.8479	0.0183	3.7900e-003	777.4358
Enclosed Parking with Elevator	782241	435.6782	0.0103	2.1300e-003	436.5699
Regional Shopping Center	163738	91.1955	2.1500e-003	4.5000e-004	91.3821
Total		**1,302.7216**	**0.0308**	**6.3700e-003**	**1,305.3878**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4743	0.0431	3.7449	2.0000e-004		0.0208	0.0208		0.0208	0.0208	0.0000	6.1245	6.1245	5.8800e-003	0.0000	6.2715
Unmitigated	1.4743	0.0431	3.7449	2.0000e-004		0.0208	0.0208		0.0208	0.0208	0.0000	6.1245	6.1245	5.8800e-003	0.0000	6.2715

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2503					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1127	0.0431	3.7449	2.0000e-004		0.0208	0.0208		0.0208	0.0208	0.0000	6.1245	6.1245	5.8800e-003	0.0000	6.2715
Total	**1.4743**	**0.0431**	**3.7449**	**2.0000e-004**		**0.0208**	**0.0208**		**0.0208**	**0.0208**	**0.0000**	**6.1245**	**6.1245**	**5.8800e-003**	**0.0000**	**6.2715**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2503					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1127	0.0431	3.7449	2.0000e-004		0.0208	0.0208		0.0208	0.0208	0.0000	6.1245	6.1245	5.8800e-003	0.0000	6.2715
Total	**1.4743**	**0.0431**	**3.7449**	**2.0000e-004**		**0.0208**	**0.0208**		**0.0208**	**0.0208**	**0.0000**	**6.1245**	**6.1245**	**5.8800e-003**	**0.0000**	**6.2715**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	244.6009	0.6463	0.0163	265.6135
Unmitigated	281.8075	0.8073	0.0203	308.0242

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	23.6509 / 14.9104	271.2873	0.7769	0.0195	296.5166
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.925907 / 0.567491	10.5202	0.0304	7.6000e-004	11.5076
Total		**281.8075**	**0.8073**	**0.0203**	**308.0242**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	18.9207 / 14.9104	235.4825	0.6220	0.0157	255.7036
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.740725 / 0.567491	9.1184	0.0244	6.1000e-004	9.9099
Total		**244.6009**	**0.6463**	**0.0163**	**265.6135**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	18.2804	1.0803	0.0000	45.2888
Unmitigated	36.5607	2.1607	0.0000	90.5776

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	166.98	33.8954	2.0032	0.0000	83.9745
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	13.13	2.6653	0.1575	0.0000	6.6031
Total		**36.5607**	**2.1607**	**0.0000**	**90.5776**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	83.49	16.9477	1.0016	0.0000	41.9873
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	6.565	1.3326	0.0788	0.0000	3.3016
Total		**18.2804**	**1.0803**	**0.0000**	**45.2888**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	6	1000	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (750 - 9999 HP)	4.9200e-003	0.0220	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Total	**4.9200e-003**	**0.0220**	**0.0126**	**2.0000e-005**		**7.2000e-004**	**7.2000e-004**		**7.2000e-004**	**7.2000e-004**	**0.0000**	**2.2848**	**2.2848**	**3.2000e-004**	**0.0000**	**2.2928**

11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	0.0000	0.0000	0.0000	0.0000

11.2 Net New Trees

Species Class

	Number of Trees	Total CO2	CH4	N2O	CO2e
		MT			
	91	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

PARTNER
Engineering and Science, Inc.®



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

11th and Main Portfolio

1100-1132 & 1123-1137-C South Main Street and
106-112 East 11th Street
Los Angeles, California 90015

Report Date: May 26, 2015
Partner Project No. 15-139875.1



Prepared for:

Jade Enterprises
888 Figueroa, Suite 1900
Los Angeles, California 90017

PARTNER
Engineering and Science, Inc.

May 26, 2015

Mr. Brian Taban
Jade Enterprises
888 Figueroa, Suite 1900
Los Angeles, California 90017

Subject: Phase I Environmental Site Assessment
11th and Main Portfolio
1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street
Los Angeles, California 90015
Partner Project No. 15-139875.1

Dear Mr. Taban:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at 415-992-3755.

Sincerely,

Jay Grenfell
National Client Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Jade Enterprises for the property located at 1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Jade Enterprises with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject properties are located on the northwest side of South Main Street, the southeast side of South Main Street, and the northeast side of East 11th Street within a mixed commercial/retail/industrial/ area of Los Angeles County:

Subject Property Data	
Addresses:	1123-1137-C South Main Street, 1100-1132 South Main Street, 106-112 East 11th Street, Los Angeles, California, 90015
Additional Addresses:	1102, 1104, 1106, 1108, 1110, 1112, 1114 ½, 1116 ½, 1118, 1120, 1120 ½, 1124, 1125, 1126, 1128, 1130, 1131, 1133, 1133 ½, 1135, 1135 C, 1137 B, and 1137-C South Main Street; 106, 108, 110 and 112 East 11th Street, Los Angeles, California 90015
Property Use:	Urban Retail
Land Acreage (Ac):	1.70 Ac
Number of Buildings:	Seven (7)
Number of Floors:	One and two stories; with some basement levels
Gross Building Area (SF):	57,946 SF (Total)
Net Rentable Area (SF):	57,946 SF (Total)
Date of Construction:	Available construction dates are as follows: 1908 (1100 South Main); 1983 (1114 South Main); 1910/1930 (1116 South Main), 1913/1926 (1123 South Main), 1921 (1127 South Main), 1924 (1132 South Main), and 1976 (1137 South Main)
Assessor's Parcel Numbers (APNs):	5139-016-024 (1100 South Main) 5139-016-023 (1114 South Main) 5139-016-022 (1116 South Main) 5139-017-028 (1123 South Main) 5139-017-021 (1127 South Main) 5139-016-006 (1132 South Main) 5139-017-027 (1137 South Main)
Type of Construction:	Concrete Tilt-Up/Brick/Wood-Framed, Wood and Steel framed
Current Tenants:	Various (textile) retail and wholesale businesses
Site Assessment Performed By:	Vivianne Bisson
Site Assessment Conducted On:	May 18, 2015

The subject property is currently occupied by two blocks of various commercial structures for retail and wholesale purposes. On-site operations consist primarily of clothing and textile retailers/wholesalers and several vacant units. Municipal landscaping, municipally-owned utilities and paving (sidewalks, alleys and streets) are a part of the public right-of-way within/around the subject property.

According to available historical sources, the subject property was formerly developed with urban retail operations and residences from at least 1888 and fully developed by circa 1907; and developed with the current structures from 1908 to 1976, which have remained through the present. No historical resources dating to a time when the subject property was undeveloped were available for this report.

The immediately surrounding properties consist of a parking lot to the northwest across the alley for the subject properties on the northwest side of South Main Street; retail structures to the southeast across the alley for the subject properties on the southeast side of South Main Street; retail establishments and multi-family housing to the east across 11th Street; and retail establishments immediately adjacent to the subject properties on both South Main and East 11th Streets**.**

A review of Geotracker for nearby properties indicated groundwater in the vicinity of the subject property is inferred to range between approximately 31 and 49 feet below ground surface (bgs) and flows generally toward the south**.**

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property; due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- The subject property, identified as Ix Hans Engineering Company at 1124 South Main Street, is listed on the Facility and Manifest (HAZNET) database. According to the database, 0.25 tons of tank bottom waste was manifested in 1995. No additional information is available regarding a potential former underground storage tank (UST) at this facility, and this facility is not listed on any UST databases or any databases indicating an unauthorized release. The client provided Partner with a No Further Action (NFA) letter from LAFD dated January 14, 1998, which indicated a Closure Report was submitted for Ana Trading Company at 1137 South Main Street dated October 1995. However, city directory research indicates Ana Trading Company was located at 1124 South Main Street, so it is likely the HAZNET listing and the LAFD letter are related. As of this date, Partner has not received a response to Freedom of Information Act (FOIA) requests from either the Los Angeles Fire Department (LAFD) or Los Angeles County Public Health Investigations (LAC PHI), who provide regulatory oversight of USTs and hazardous materials. Therefore, no details are available regarding any soil, groundwater, or soil gas sampling or the concentrations of contaminants left in place, if any. However, based upon closure of the presumed UST, the presumed UST represents a historical recognized environmental condition.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) is present. Overall, suspect ACMs were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building-occupants.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has no revealed evidence of recognized environmental conditions in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work is described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require cleanup, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential

exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

Jade Enterprises engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Jade Enterprises. Either verbally or in

writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at http://www.partneresi.com/terms-and-conditions.php.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past or current owners, operators and occupants were not reasonably ascertainable, which constitutes a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner was not able to document the historical use of the subject property prior to 1888. The following sources were reviewed during the course of this assessment and found to be limited: aerial photographs were not available prior to 1923; city directories were not available prior to 1920; topographic maps prior to 1896 were not reasonably ascertainable from local agencies; and fire insurance maps were not available prior to 1888. This data failure is not considered critical, as the 1888 Sanborn map shows the subject property to be primarily undeveloped, with two residences.
- Partner submitted Freedom of Information Act (FOIA) requests to the California Environmental Protection Agency, Los Angeles Fire Department, Los Angeles County Public Health Investigations, and the South Coast Air Quality Management District for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property. As of this writing, these agencies have not responded to Partner's request. Based on information obtained from other historical sources, this limitation is not expected to alter the overall findings of this assessment.

- Partner observed approximately 40-50% of all interior units and all common areas. Based on the size and nature of use of the unobserved units (retail/wholesale), this limited method of survey is not expected to alter the overall findings of this assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 106-112 East 11th Street, 1100-1132 South Main Street, and 1123-1137C South Main Street in Los Angeles, California is located on the southeast and northwest sides of South Main Street and the northeastern side of East 11th Street. According to the Los Angeles County Assessor, the subject property is legally described as the following:

- *W Childs Tract (EX of ST AND ALLEY) LOTS 1 and LOT 2 BLK 2*
- *Tract No 2837 LOTS A and LOT B*
- *W CHILDS TRACT THAT PART EX OF ST AND ALLEY SE OF TR # 2837 OF LOT 3 AND EX OF ST AND ALLEY LOTS 4 AND LOT 5 BLK 2*
- *W CHILDS TRACT EX OF ST AND ALLEY LOT 6 BLK 2*
- **TR=2289*LOTS 38 AND LOT 39*
- *TRACT NO 2289 LOT 40*
- **TR=2289 LOT 41*, and

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently occupied by various retail establishments for commercial/retail use. On-site operations consist of clothing and textiles retailers. The subject property consists of six one-story buildings with mezzanine areas and one two-story building with a reinforced concrete basement foundation located on southwest corner of South Main and East 11th Streets. In addition to the current structures, the subject property is also improved with gates and limited rear parking.

The subject property is designated for urban commercial /manufacturing development by the City of Los Angeles.

The subject property was identified on the Facility and Manifest (HAZNET) database in the regulatory database report, as further discussed in Section 4.2.

2.3 Current Use of Adjacent Properties

The subject property is located within a mixed commercial/retail area of Los Angeles County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
Northeast:	Immediately adjacent to the subject properties on the western portion of South Main Street is a parking lot at 1111 South Main Street; immediately adjacent to the subject properties on the eastern portion of South Main Street is East 11th Street beyond, which is 1060 South Main Street

Southeast: Alley beyond which is 126 East 11th Street and 1101-1137 South Los Angeles Street
Southwest: Immediately adjacent to the subject properties are 1140 South Main Street and 1147 South Main Street
Northwest: Alley beyond which is 1108-1138 South Broadway and 110 West 11th Street

No adjacent properties were identified in the regulatory database report discussed in Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *Hollywood, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 240 above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southwest. The subject property and vicinity is depicted on the 2013 map as shaded pink indicated dense urban development.

A copy of the 2013 topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

The nearest surface water in the vicinity of the subject property is the MacArthur Park Lake located approximately one and a half miles to the northwest as well as the Los Angeles River located approximately one and a half mile to the east of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Los Angeles Department of Water and Power (LADWP) serves the subject property vicinity. According to a representative of the LADWP, shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Los Angeles are surface water from the Los Angeles Aqueduct, local groundwater, and supplemental water purchased from the Metropolitan Water District of Southern California (MWD).

A review of Geotracker for nearby properties indicated groundwater in the vicinity of the subject property is inferred to range between approximately 31 and 49 feet below ground surface (bgs) and flows generally toward the south**.**

2.4.3 Geology/Soils

The subject property is situated within the Coastal Plain of the Peninsular Ranges physiographic province of the State of California. According to a prior investigation conducted in 2011 at a nearby Shell station, the site is underlain with inter-bedded sediments ranging in size from silts to gravelly sands. No soil type information was available from USDA Natural Resources Conservation Service Web Soil Survey online database.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06037C1620F, dated September 26, 2008, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Period/Date	**Source**	**Description/Use**
1888-1894	Sanborn Maps, Topographic Maps	Mostly undeveloped with two dwellings
1906	Sanborn Maps, Topographic Maps	Undeveloped on the western portion; developed with two residences and commercial/retail structures on the eastern portion
1923-1976 through Present	Aerial Photographs, Building Records, City Directories, Previous Report, Sanborn Maps	Developed with apparent urban commercial/retail and/or multi-family residential structures

According to available historical sources, the subject property was formerly developed with urban retail operations and residences from at least 1888 and fully developed by circa 1907; and developed with the current structures from 1908 to 1976, which have remained through the present. No historical resources dating to a time when the subject property was undeveloped were available for this report.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources (EDR) on May 8, 2014. The following observations were noted to be visible on the subject property and adjacent properties during the aerial photograph review:

Date: 1923	*Scale: 1"=500'*
Subject Property:	Appears to be developed with apparent commercial and retail structures
North:	Appears to be Vacant parcels immediately adjacent to the subject property on the northeastern side of South Main Street. Apparent urban commercial or multi-family residential developments across East 11th Street
South:	Appears to be Developed with apparent urban commercial or multi-family residential developments across in the parcels immediately adjacent to the subject property
East:	Appears to be Developed with apparent urban commercial or multi-family residential developments across East 11th Street

Date: 1928	*Scale: 1"=500'*
Subject Property:	Appears to be Developed with apparent commercial and retail structures.
North:	Appears to be No significant changes visible
South:	Appears to be No significant changes visible
East:	Appears to be No significant changes visible
West:	Appears to be Development in the formerly vacant parcels immediately adjacent to the subject property on the northwestern side of South Main Street.

Date: 1938	*Scale: 1"=500'*
Subject Property:	No significant changes appear visible
North:	No significant changes appear visible

South:	No significant changes appear visible
East:	No significant changes appear visible
West:	No significant changes appear visible

Date: 1948	***Scale: 1"=500'***
Subject Property:	No significant changes appear visible
North:	No significant changes appear visible
South:	No significant changes appear visible
East:	No significant changes appear visible
West:	No significant changes appear visible

Date: 1952	***Scale: 1"=500'***
Subject Property:	No significant changes appear visible
North:	Appear to be further development immediately adjacent to the subject property on the northwestern side of South Main Street
South:	No significant changes appear visible
East:	No significant changes appear visible
West:	No significant changes appear visible

Date: 1964	***Scale: 1"=500'***
Subject Property:	No significant changes appear visible
North:	Appears to be Re-developed with commercial structures across East 11th Street
South:	No significant changes appear visible
East:	No significant changes appear visible
West:	No significant changes appear visible

Date: 1972	***Scale: 1"=500'***
Subject Property:	No significant changes appear visible
North:	No significant changes appear visible
South:	No significant changes appear visible
East:	No significant changes appear visible
West:	No significant changes appear visible

Date: 1981	***Scale: 1"=500'***
Subject Property:	No significant changes appear visible
North:	No significant changes appear visible
South:	Developed with a commercial structure in the parcel immediately adjacent to the southwestern-most property on the southeastern side of South Main Street
East:	No significant changes appear visible
West:	No significant changes appear visible

Date: 1989-2012	*Scale: 1"=500'*
Subject Property:	Appears to be apparent structural additions or revisions to the property located at the southern corner of South Main Street and East 11th Street
North:	No significant changes appear visible
South:	Appears to be apparent development of commercial structures along the northwestern side of South Main Street
East:	No significant changes appear visible
West:	No significant changes appear visible

Copies of reviewed aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps.

Partner reviewed the collection of Sanborn Fire insurance maps from EDR on May 8, 2014. The following observations were noted to be depicted on the subject property and adjacent properties during the fire insurance map review:

Date: 1888	
Subject Property:	Depicted as single-family residences (addressed as South Main Street)
North:	Depicted as developed with single-family residences across East 11th Street with vacant parcels across the remainder
South:	Depicted as developed with single-family residences across South Main Street with vacant parcels across the remainder
East:	This area is not adequately depicted in the Sanborn map
West:	Depicted as developed with single-family residences with vacant parcels across the remainder

Date: 1894	
Subject Property:	No significant changes depicted for the properties on the southeastern side of South Main Street, however the parcel on the northwest side of South Main Street appears vacant
North:	No significant changes depicted
South:	No significant changes depicted
East:	Depicted as developed with apparent single-family residences along East 11th Street
West:	No significant changes depicted

Date: 1906	
Subject Property:	Further developed with residential and possible commercial structures for the portion of the property situated on the southeastern side of South Main Street
North:	Developed with commercial structures across East 11th Street along the southeastern side of South Main Street
South:	Developed with commercial structures in the parcels immediately adjacent to the subject property
East:	Developed with single-family residences and commercial structures across East 11th

Date: 1906	
	Street
West:	Developed with commercial structures in the parcels immediately adjacent to the subject property

Date: 1950	
Subject Property:	Developed with urban commercial/retail/industrial structures (addressed as South Main Street); the Sanborn fire map for 1950 depicts a hotel on the northeast corner of South Main Street and West 11th Street; various retail establishments occupied the subject properties
North:	Developed with urban commercial/retail/industrial structures across East 11th Street
South:	Developed with apparent commercial structures in the parcels immediately adjacent to the subject property
East:	Developed with commercial structures in the parcels immediately adjacent to the subject property
West:	Developed with urban commercial/retail/industrial structures across East 11th Street as well as the parcels immediately adjacent to the subject property

Date: 1953	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 1954	
Subject Property:	No significant changes depicted for the subject properties on the southeastern side of South Main Street; the properties situated on the northwestern side of South Main street are not depicted in the Sanborn map
North:	The properties situated on the northwestern side of South Main Street are not depicted in the Sanborn map
South:	No significant changes depicted
East:	No significant changes depicted
West:	The properties situated on the northwestern side of South Main Street are not depicted in the Sanborn map

Date: 1955	
Subject Property:	No significant changes depicted for the subject properties on the northwestern side of South Main Street; the properties situated on the southeastern side of South Main street are not depicted in the Sanborn map
North:	No significant changes depicted
South:	No significant changes depicted

Date: 1955

East: The properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map

West: No significant changes depicted

Date: 1958

Subject Property: No significant changes depicted for the subject properties on the northwestern side of South Main Street; the properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map

North: No significant changes depicted

South: No significant changes depicted

East: The properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map

West: No significant changes depicted

Date: 1959

Subject Property: No significant changes depicted for the subject properties on the southeastern side of South Main Street. The properties situated on the northwestern side of South Main street are not depicted in the Sanborn map

North: The properties situated on the northwestern side of South Main Street are not depicted in the Sanborn map

South: No significant changes depicted

East: No significant changes depicted

West: The properties situated on the northwestern side of South Main Street are not depicted in the Sanborn map

Date: 1960

Subject Property: No significant changes depicted

North: No significant changes depicted

South: No significant changes depicted

East: No significant changes depicted

West: No significant changes depicted

Date: 1962

Subject Property: No significant changes depicted for the subject properties on the northwestern side of South Main Street; the properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map

North: No significant changes depicted

South: No significant changes depicted

East: The properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map

West: No significant changes depicted

Date: 1963	
Subject Property:	No significant changes depicted for the subject properties on the northwestern side of South Main Street; the properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map
North:	No significant changes depicted
South:	No significant changes depicted
East:	The properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map
West:	No significant changes depicted

Date: 1967	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 1968	
Subject Property:	No significant changes depicted for the subject properties on the northwestern side of South Main Street; the properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map
North:	No significant changes depicted
South:	No significant changes depicted
East:	The properties situated on the southeastern side of South Main Street are not depicted in the Sanborn map
West:	A parcel of land due west of the subject property is depicted to have been cleared for redevelopment.

Date: 1970	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Copies of reviewed Sanborn Maps are included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from EDR on May 8, 2015 for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table (It should be noted that according to review of the database, the addresses which

were searched are 1100-1132 S. Main St. and 106-112 E. 11th St. The subject property also includes the following addresses: 1123-1137-C S. Main Street, which Partner included for consideration during review):

City Directory Search for 106-112 East 11th Street, 1100-1132 South Main Street, Los Angeles, California, 90015 (Subject Property)	
Year(s)	**Occupant Listed**
1976, 2000, 2006, 2008, 2013	At Furniture Company, Inc., Furniture Discounts (1976), Baegmeesun (2000), Cleo & Co. (2000), BNB Handbags, Dorian's Hand Bags (2008), Choice Handbags (2013) at 1100 South Main Street
2000, 2006, 2008, 2013	Taiwan Jewelry Import, Inc. (2000), Lata Exports Import (2000, 2006, 2008), Smoker's Choice, Inc. (2000, 2008), Sense Trading (2006, 2008, 2013) at 1114 South Main Street
2000, 2006, 2008, 2013	Mido Trading (2000, 2006, 2008, 2013), Tosca Leather Handbags (2000, 2006, 2013), and Glen Suh (2008) at 1116 South Main Street
2000, 2006	CESS (2000), David Langman (2000), and Moka Handbags and Accessories (2006) at 1123 South Main Street
1958, 1976, 2006, 2008, 2013	Acme Staple Agency (1958), Active Sales Company (1958), Chuey SE Active Sales Company (1958), Hansco Tacker Agency (1958), Hansen Kling Tite Tacker & Stapling Agency (1958), Hansen Tacker & Stapling Agency (1958), D Typesetting Company (1976), Rina Rich Handbag Company (2006, 2008, 2013) at 1127 South Main Street

It should be noted that according to the city directory review, the addresses which were searched are 1100-1132 S. Main St. and 106-112 E. 11th St. The subject property also includes the following addresses: 1123-1137-C, which Partner included for consideration during review. The subject property is unlisted from 1920 to 1928. Numerous commercial/retail listings dating back to at least 1958 have occupied the subject property. According to the city directories, the tenant businesses occupying the subject property buildings have been largely retail establishments and no tenants of concern were identified.

City Directory Search for Adjacent Properties	
Year(s)	**Occupant Listed**
1990, 2000, 2006, 2008, 2013	Fashion Supplies Company (1990), 210 US Trading Corporation (2000, 2006, 2008, 2013) at 1140 South Main Street
2000, 2006, 2008, 2013	Lucky International Trading (2000, 2006, 2008, 2013), Sigma USA Jewelry Inc. (2000, 2008), Ann Kim (2008) at 1147 South Main Street
N/A	No city directory records were found for the existing parking lot at 1111 South Main Street.

City Directory Search for Adjacent Properties	
Year(s)	**Occupant Listed**
1933, 1937, 1942, 1958, 1962, 1967, 1971, 1976, 2000, 2006, 2008, 2013	West Coast Stationery & Printing Company (1933, 1937, 1942, 1958, 1962, 1967, 1971, 1976), and Lucky International Trading (2000, 2006, 2008, 2013) at 1144 South Broadway
1924, 1929	Jolly Carl Auto Park (1924) and Edelstein Saml Auto Park (1929) at 1140 South Broadway
1933, 1937, 1950, 1954, 1956, 1957, 1958, 1960, 1962, 1971, 1981, 2000, 2013	Samaha A Auto Park (1933), Western Mortgage Corporation (1937), Miller Conditionair Inc. (1937), Emcee Corporation (1937), McCarthy Real Estate (1950, 1954, 1956, 1957, 1958, 1960), Batzli Electric Company (1962), Kids World Discount Children's Apparel (1971), Feit Electric Company (1981), Everglow Electric Company (1981), You Me International, Inc. (2000), Angaara Wholesale (2013) at 1138 South Broadway
1924, 1962, 1967, 1971	Architectural Engineering Company (1924) and Continental Liquor Store (1962, 1967, 1971) at 1120 South Broadway

According to the city directory review, the adjacent properties have been occupied by numerous operations (retail, commercial, automotive, and industrial listings) dating back to the late 1920s. No city directory records were provided for the properties adjacent to the subject properties located along the southeast side of South Main Street. It should be noted that a stationary and printing company as well as an air conditioning company was located adjacent to the subject property from at least 1933 until 1976.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from EDR on May 8, 2015**.** The following observations were noted to be depicted on the subject property and adjacent properties during the topographic map review:

Date: 1896	
Subject Property:	Depicted with urban commercial and multi-family residences
West:	Depicted with urban commercial and multi-family residences
South:	Depicted with urban commercial and multi-family residences
East:	Depicted with partial development, possibly consisting of commercial structures and/or multi-family residences
West:	Depicted with apparent urban commercial and multi-family residences

Date: 1900-1902	
Subject Property:	Depicted with apparent urban commercial and multi-family residences
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 1920	
Subject Property:	Developed with apparent urban commercial and multi-family residences
North:	No significant changes depicted
South:	No significant changes depicted
East:	Developed with apparent urban commercial and multi-family residences across South Los Angeles Street
West:	No significant changes depicted

Date: 1928-1994	
Subject Property:	Developed with apparent urban commercial and multi-family residences
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (CalEPA)
Point of Contact:	Office personnel
Agency Address:	1001 "I" Street, Sacramento, California 95814
Agency Phone Number:	(916) 323-2514
Date of Contact:	May 15, 2015
Method of Communication:	Faxed Request
Summary of Communication:	As of the date of this report, Partner has not received a response from the CalEPA for inclusion in this report.

4.1.1 Health Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Public Health Investigations (LACPHI)
Point of Contact:	Office personnel
Agency Address:	5555 Ferguson Drive, Suite 120-04, Commerce, California 90022
Agency Phone Number:	(323) 890-7801
Date of Contact:	May 15, 2015
Method of Communication:	Faxed Request
Summary of Communication:	As of the date of this report, Partner has not received a response from the LACPHI for inclusion in this report.

4.1.2 Fire Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Fire Department (LAFD)
Point of Contact:	Office personnel
Agency Address:	200 North Main Street, Los Angeles, California 90012
Agency Phone Number:	(213) 978-3800
Date of Contact:	May 15, 2015
Method of Communication:	Faxed Request
Summary of Communication:	As of the date of this report, Partner has not received a response from the LAFD for inclusion in this report. However, Partner reviewed a closure letter from LAFD provided by the client. The letter from the LAFD dated from January 14, 1998 concerned a LAFD review of a Closure Report submitted by Environmental Engineering, Inc. in October 1995 for the Ana Trading Company (1137 South Main Street). No additional details are available; however, the LAFD determined that no further action was required.

4.1.3 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	South Coast Air Quality Management District (SCAQMD)
Point of Contact:	Office personnel

Agency Address:	21865 Copley Drive, Diamond Bar, California
Agency Phone Number:	(909) 396-2000
Date of Contact:	May 15, 2015
Method of Communication:	Telephone
Summary of Communication:	As of the date of this report, Partner has not received a response from the SCAQMD for inclusion in this report.

4.1.4 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	Regional Water Quality Control Board (RWQCB)
Point of Contact:	Office personnel
Agency Address:	320 West Fourth Street #200, Los Angeles, California 90013
Agency Phone Number:	(213) 576-6600
Date of Contact:	May 15, 2015
Method of Communication:	Online
Summary of Communication:	The subject and adjacent properties are not listed in the Geotracker database.

4.1.5 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (CDTSC)
Point of Contact:	ENVIROSTOR database
Agency Address:	1001 "I" Street, Sacramento, California
Agency Phone Number:	1-800-728-6942
Date of Contact:	May 15, 2015
Method of Communication:	Online
Summary of Communication:	The property is not listed in the ENVIROSTOR database.

4.1.6 Building Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Department of Building and Safety (LADBS)
Point of Contact:	Office personnel
Agency Address:	201 N. Figueroa Street, Los Angeles, California 90012
Agency Phone Number:	(213) 473-3231
Date of Contact:	May 15, 2015
Method of Communication:	In person
Summary of Communication:	Partner visited the building department and requested all demolition and building department permits. As of the date of this report, Partner has not received the permits. However, a copy of the permit list is attached to in the Appendix B. No information of environmental significance was noted in the building department data list.

4.1.7 Planning Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Department of City Planning (LADCP)

Point of Contact:	Office personnel
Agency Address:	201 North Figueroa Street, #4, Los Angeles, California 90012
Agency Phone Number:	(213) 482-7077
Date of Contact:	May 15, 2015
Method of Communication:	Phone call
Summary of Communication:	Received planning and zoning information regarding the subject property from a prior report and confirmed details with the desk staff.

4.1.8 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Division of Oil, Gas and Geothermal Resources (DOGGR)
Point of Contact:	DOGGR website
Agency Address:	801 K Street, MS 18-00, Sacramento, California
Agency Phone Number:	(916) 445-9686
Date of Contact:	May 15, 2015
Method of Communication:	Online
Summary of Communication:	According to DOGGR maps online, no oil or gas wells are located on or adjacent to the subject property.

4.1.9 Assessor's Office

Regulatory Agency Data	
Name of Agency:	Los Angeles Office of the Assessor (LACOA)
Point of Contact:	Office personnel
Agency Address:	500 West Temple Street, Room 225, Los Angeles, California 90012
Agency Phone Number:	1(888) 807-2111
Date of Contact:	May 15, 2015
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor Parcel Numbers (APN) 5139-016-024, 5139-016-023, 5139-016-022, 5139-017-028, 5139-017-021, 5139-016-006, and 5139-017-027 and are currently owned by 11th and Main Partners, LLC. The current buildings were constructed between 1908 and 1983 and total approximately 57,946 square feet over a total of 1.705 acres.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	N	N	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N/A	N/A
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
EDR MGP	1.00	N	N	N
EDR US Hist Auto Station	0.25	N	N	N
EDR US Hist Cleaners	0.25	N	N	N

4.2.2 Subject Property Listings

The subject property is identified on the HAZNET database in the following listings, as discussed below:

- The subject property, identified as Ix Hans Engineering Company at 1124 South Main Street is listed on the HAZNET database. According to the database, 0.25 tons of tank bottom waste was manifested in 1995. No additional information is available, and this facility is not listed on any UST databases or any databases indicating an unauthorized release.
- The subject property, identified as 11th and Main Partners, LLC at 1100-1132 South Main Street, manifested 8.42 tons of asbestos containing waste in 2006. No additional information is available. Based on the regulatory status, this listing is not expected to represent a significant environmental concern. In addition, the subject property, (identified as 11th and Main Partners, LLC at 106-112 South Main Street) manifested 2.52 tons of asbestos containing waste in 2006. No

additional information is available. No additional information is available, and this facility is not listed on any UST databases or any databases indicating an unauthorized release. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.

- The subject property, identified as Lax C Incorporated at 1100 South Main Street, manifested 2.33 tons of oil/water separator sludge in 2004. No additional information is available. No additional information is available. However this facility is not listed on any UST databases or any databases indicating an unauthorized release. Based on the regulatory status, this listing is not expected to represent a significant environmental concern.

4.2.3 Adjacent Property Listings

The adjacent properties are not identified in the regulatory database report.

Based on the findings, vapor migration is not expected to represent a significant environmental concern, at this time.

4.2.4 Sites of Concern Listings

No sites of concern are identified in the regulatory database report.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.5 Orphan Listings

No orphan listings of concern are identified in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from Jade Enterprises (User of this report).

User Responsibilities				
Item	**Provided By User**	**Not Provided By User**	**Discussed Below**	**Does Not Apply**
Environmental Pre-Survey Questionnaire			**X**	
Title Records, Environmental Liens, and AULs			**X**	
Specialized Knowledge			**X**	
Actual Knowledge			**X**	
Valuation Reduction for Environmental Issues			**X**	
Identification of Key Site Manager	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports		**X**		
Other		**X**		

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User.

5.1.3 Interview with Key Site Manager

A key site manager was not available to be interviewed at the time of this assessment.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment, AES Due Diligence, September 15, 2006

Architectural, Environmental/Seismic Due Diligence Consultants (AES) prepared this report on behalf of Nationwide Life Insurance Company and Impact Community Capital, LLC. The assessment was performed in general accordance with ASTM Standard E1527-05. The assessment consisted of a site reconnaissance,

interviews with knowledgeable personnel, review of historical information, and a review of federal, state and local regulatory databases. Pertinent information contained in this report is summarized below:

- At the time of the 2006 assessment, the subject property was in its current stages of development
- No current or former ASTs or USTs were identified on the subject property.
- No leaks, spills or staining were observed around any of the stored materials.

No recognized environmental conditions were identified in associated with the subject property.

Phase I Environmental Site Assessment, Partner Engineering and Science (May 19, 2014)

Partner prepared this report on behalf of Boston Private Bank & Trust Company. The assessment was performed in general accordance with ASTM E1527-13. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, and a review of federal, state and local regulatory databases. Based on review of this previous report, no significant changes or deviations were identified and the results of the previous survey appear to be consistent with what was observed by Partner at the time of the site reconnaissance.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Vivianne Bisson
Site Assessment Conducted On:	May 18, 2015

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in commercial dumpsters located in the alleyways behind the subject properties. Various independent solid waste disposal contractors remove solid waste from the subject property. According to property personnel, only household trash is collected in the on-site solid waste dumpsters. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The City of Los Angeles services the subject property vicinity. No wastewater treatment facilities or septic systems are observed or reported on the subject property.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by sheet flow action across the paved surfaces towards storm water drains located throughout the subject property and in the public right of way. Site storm water from roofs, landscaped areas, and paved areas is directed to on-site concrete swales, which drain to the public right of way, and to on-site storm water drains. The subject property is connected to a municipal owned and maintained sewer system.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Department of Agriculture; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity/natural gas provided by the Los Angeles Department of Water and Power. The mechanical system is comprised of gas-fired rooftop package units. Electric water heaters (provided by tenant) deliver hot water.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. Industrial wastewater is not generated at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

Partner identified hazardous substances used, stored, and/or generated on the subject property as noted in the following table:

Hazardous Substances and/or Petroleum Products Noted Onsite				
Substance	**Container Size**	**Location**	**Nature of Use**	**Disposal Method**
Not Labeled	5x 55-gallon drum	Basement level; unit 1108	"Mens type/womans type"	None identified/reported

The materials were found to be improperly labeled with no signs of leaks, stains, or spills. The labels that are attached to the drums state, "Health Hazard", "Belmay", "Womans type" and "Mans type." Belmay is a fragrance and cosmetics company and is not identified on the city directory listings. Secondary containment is not provided. Based on the overall small quantities observed, no leaks, spills or stains were observed and lack of violations on-file, these materials are not expected to represent a significant environmental concern.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former ASTs or USTs was observed during the site reconnaissance.

6.2.3 Evidence of Releases

No spills, stains or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

No potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps, or clarifiers, other than those associated with storm water removal, were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

Due to the commercial nature of use of the subject property, ACMs were not considered within the scope of this assessment.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated.

Due to the commercial nature of use of the subject property, LBP was not considered within the scope of this assessment.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and

local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	**Average Predicted Radon Levels**	**Potential**
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Los Angeles Department of Water and Power serves the subject property vicinity. According to a representative of the Los Angeles Department of Water and Power, shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Los Angeles are surface water from the Los Angeles Aqueduct, local groundwater, and supplemental water purchased from the Metropolitan Water District of Southern California. According to the City of Los Angeles and the 2013 Annual Water Quality Report, water supplied to the subject property is in compliance with the regulations pertaining to drinking water standards, including those for lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g. ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property; due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- The subject property, identified as Ix Hans Engineering Company at 1124 South Main Street, is listed on the Facility and Manifest (HAZNET) database. According to the database, 0.25 tons of tank bottom waste was manifested in 1995. No additional information is available regarding a potential former underground storage tank (UST) at this facility, and this facility is not listed on any UST databases or any databases indicating an unauthorized release. The client provided Partner with a No Further Action (NFA) letter from LAFD dated January 14, 1998, which indicated a Closure Report was submitted for Ana Trading Company at 1137 South Main Street dated October 1995. However, city directory research indicates Ana Trading Company was located at 1124 South Main Street, so it is likely the HAZNET listing and the LAFD letter are related. As of this date, Partner has not received a response to Freedom of Information Act (FOIA) requests from either the Los Angeles Fire Department (LAFD) or Los Angeles County Public Health Investigations (LAC PHI), who provide regulatory oversight of USTs and hazardous materials. Therefore, no details are available regarding any soil, groundwater, or soil gas sampling or the concentrations of contaminants left in place, if any. However, based upon closure of the presumed UST, the presumed UST represents a historical recognized environmental condition.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) is present. Overall, suspect ACMs were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building-occupants.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

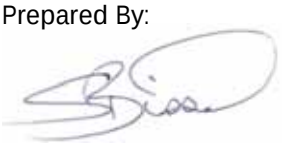
This assessment has no revealed evidence of recognized environmental conditions in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 1100-1132 & 1123-1137-C South Main Street and 106-112 East 11th Street in the City of Los Angeles, Los Angeles County, California in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Vivianne Bisson
Environmental Professional

Reviewed By:



Steve Kovach
Senior Author

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Radius Report, May 18, 2015

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, May 18, 2015

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, May 18, 2015

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, May 18, 2015

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, May 18, 2015

United States Geological Survey, accessed via the Internet, May 18, 2015

United States Geological Survey Topographic Map, 7.5 minute series, accessed via internet, May 18, 2015

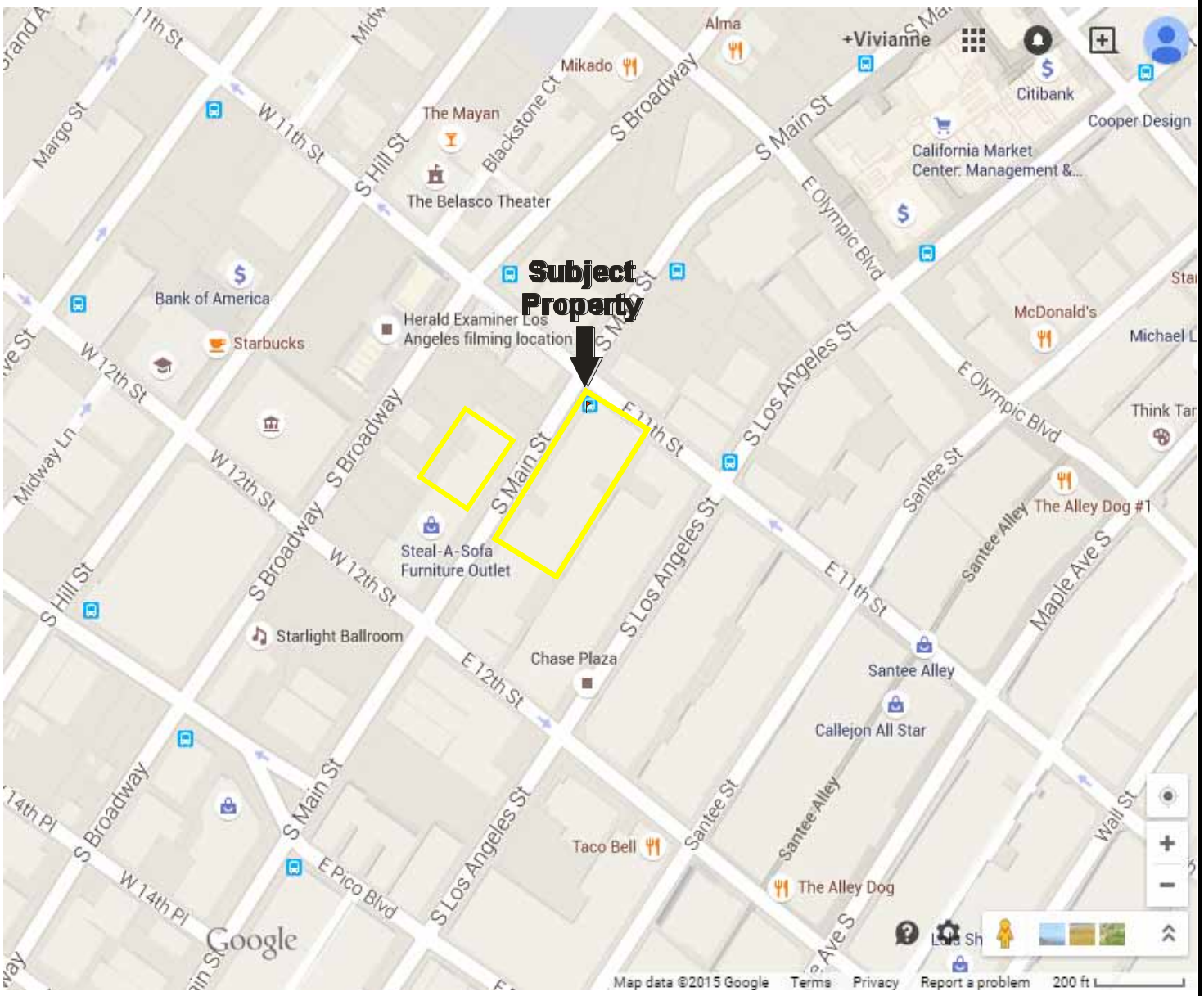
FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER



N

FIGURE 1: SITE LOCATION MAP
Project No. 15-139875.1

Drawing Not To Scale

PARTNER



N

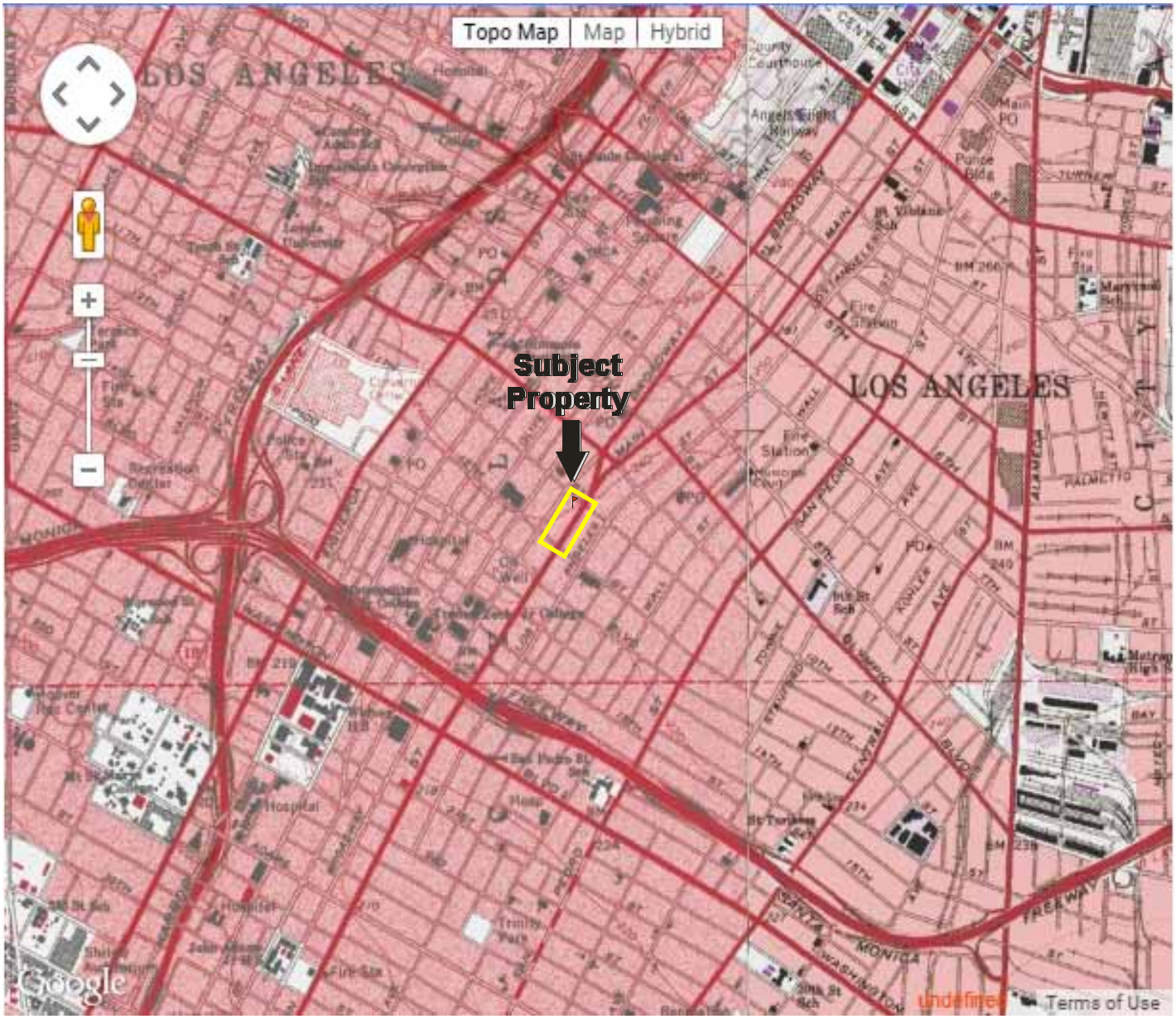
GROUNDWATER FLOW

KEY:

Subject Site

FIGURE 2: SITE PLAN
Project No. 15-139875.1

PARTNER



USGS 7.5 Minute *Hollywood, CA* Quadrangle Created: 2013

FIGURE 3: TOPOGRAPHIC MAP
Project No. 15-139875.1

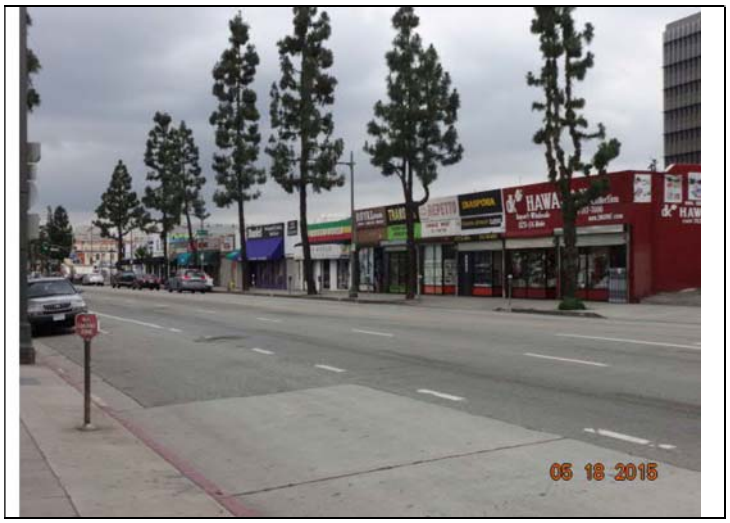
PARTNER

APPENDIX A: SITE PHOTOGRAPHS

PARTNER



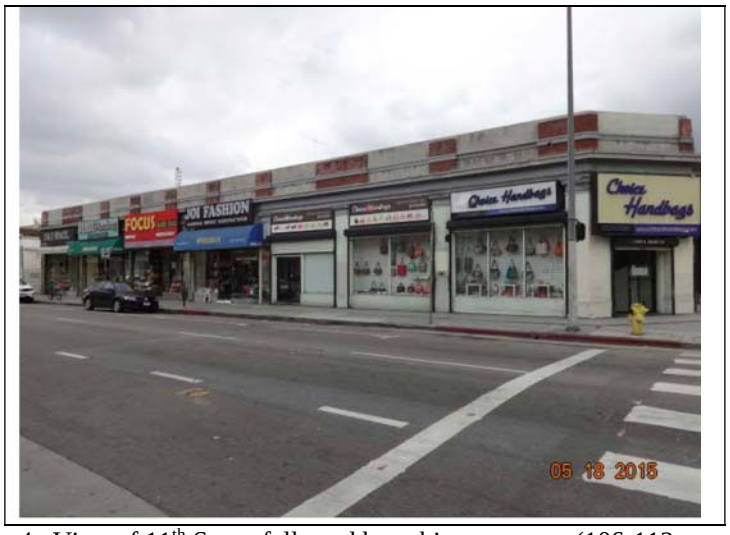
1. View of the subject property looking west down Main Street.



2. View of Main Street looking west followed by subject property (1123-1137-C Main Street).



3. View of Main Street looking west followed by subject property (1100-1132 Main Street).



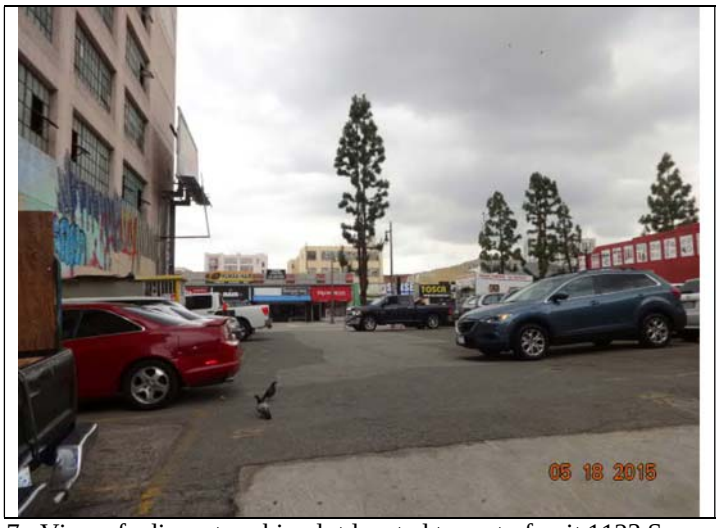
4. View of 11th Street followed by subject property (106-112 East 11th Street).



5. View of alleyway behind subject property (1100-1132 Main Street) followed by adjacent commercial/retail pictured to the left.



6. View of alleyway behind subject property (1123-1137-C Main Street) followed by adjacent parking lots and commercial/retail pictured to the right.



7. View of adjacent parking lot located to east of unit 1123 S. Main St.



8. View of commercial building beyond the east adjacent parking lot (The Herald Examiner 111 S. Broadway).



9. Looking south down 11th Street followed by Main St. running east/west (adjacent commercial pictured to the left).



10. Looking south down 11th Street (adjacent commercial pictured to the left).



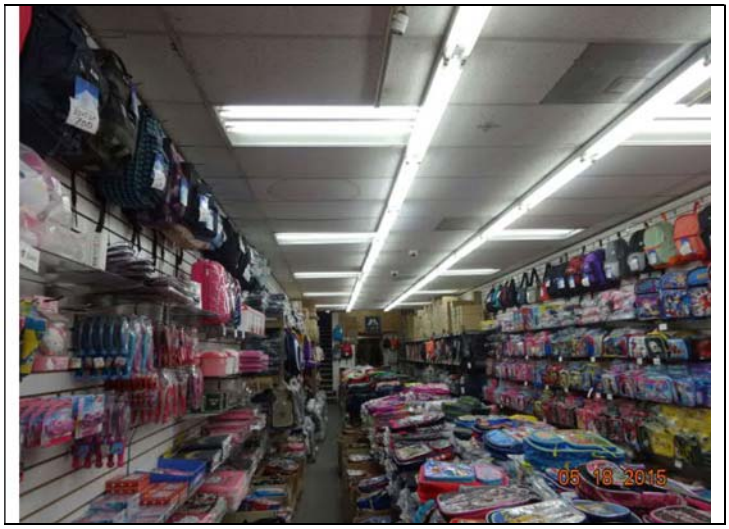
11. View of typical location of solid waste bins.



12. View of a typical solid waste bin.



13. View of typical business at the subject property.



14. View of interior of typical business at the subject property.



15. View of stairway leading to second level.



16. View of typical second level storage.



17. View of typical employee restroom located at the subject property.



18. View of typical vacant unit.



19. View of typical vacant unit.



20. View of stairwell leading to a basement level.



21. View of basement level restroom.



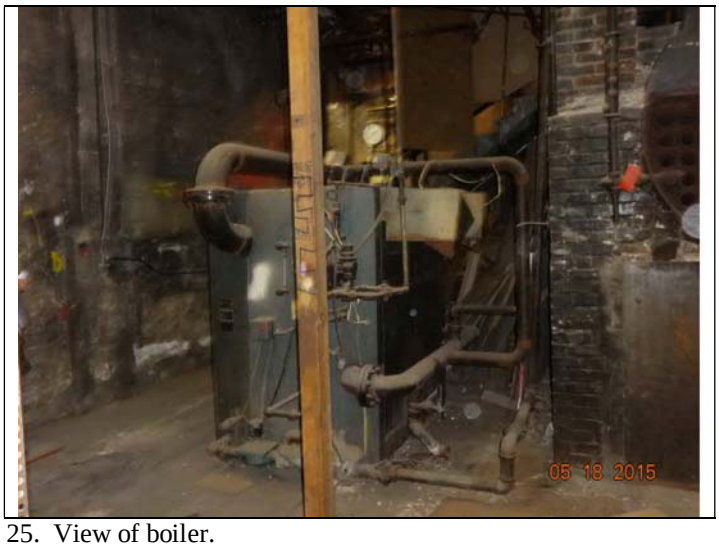
22. View of basement level warehouse area.



23. View of entry into second basement level (furnace and boiler room)



24. View of furnace
.



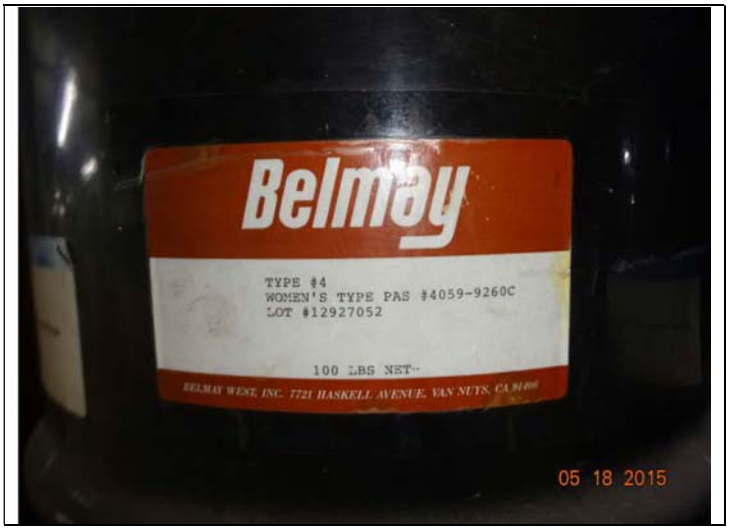
25. View of boiler.



26. View of partially labeled drums.



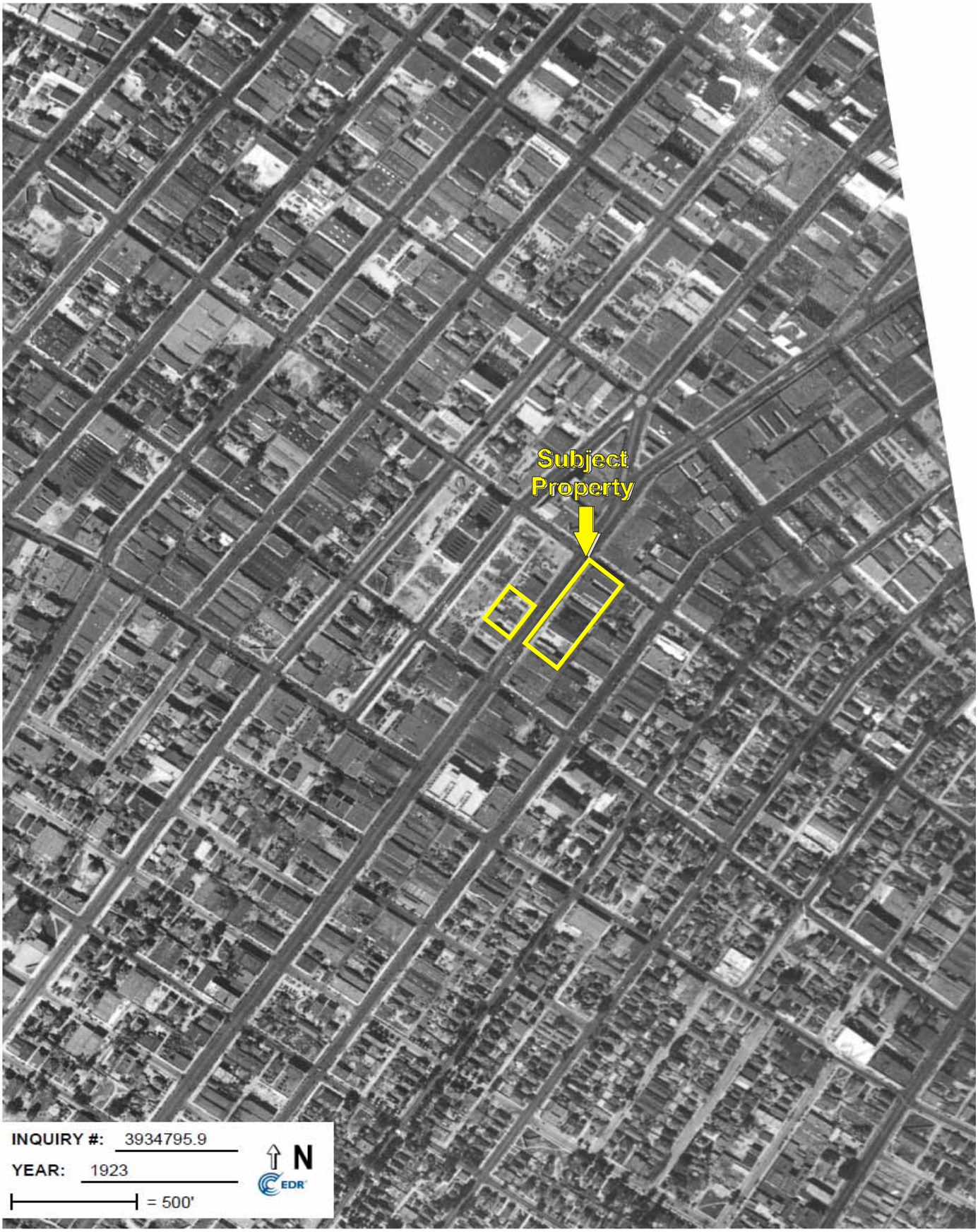
27. View of label stating, “Health Hazard”, liquid may be irritating to skin or eyes.”



28. View of label stating “Belmay”, “Woman’s Type”

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

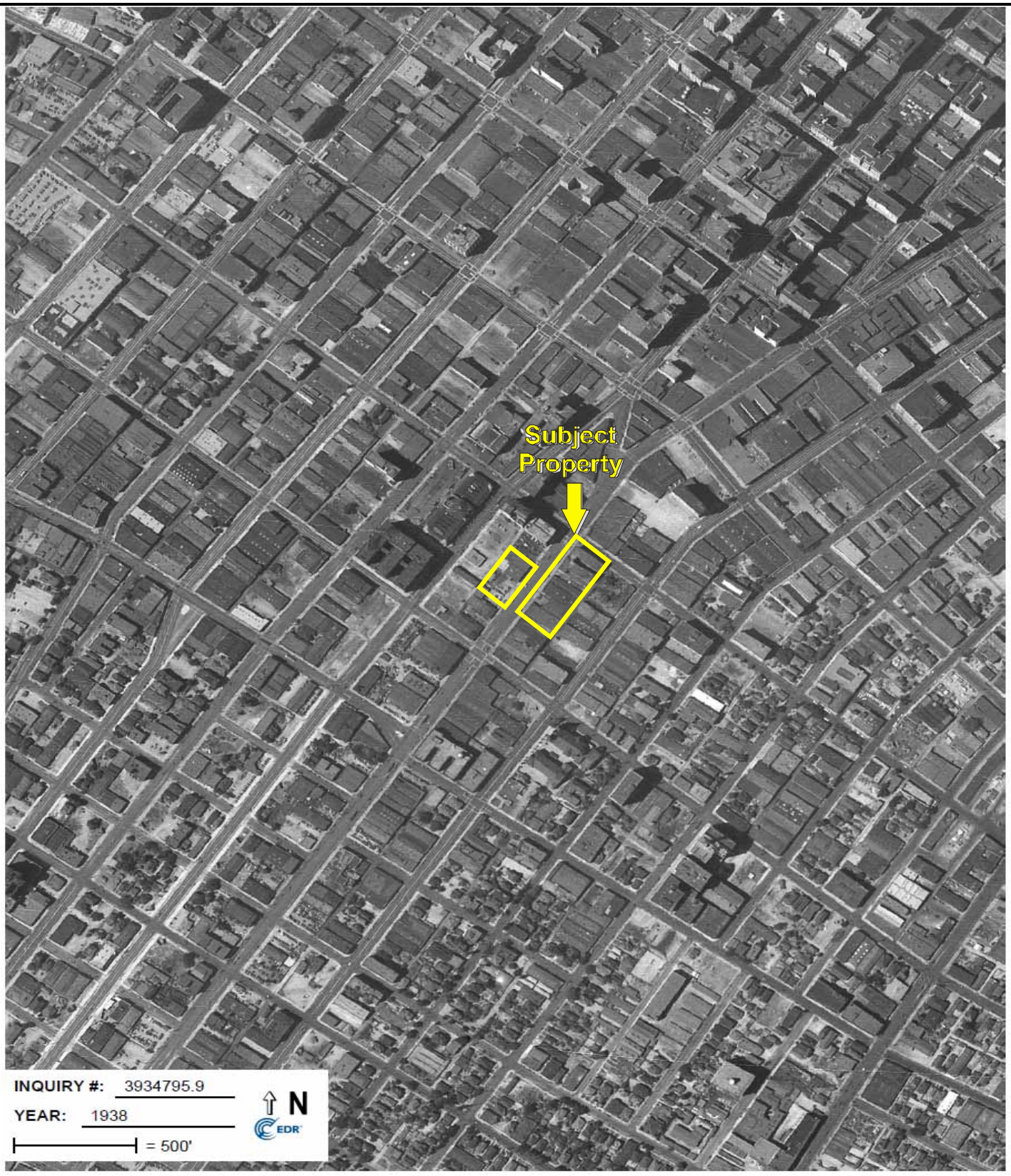
PARTNER



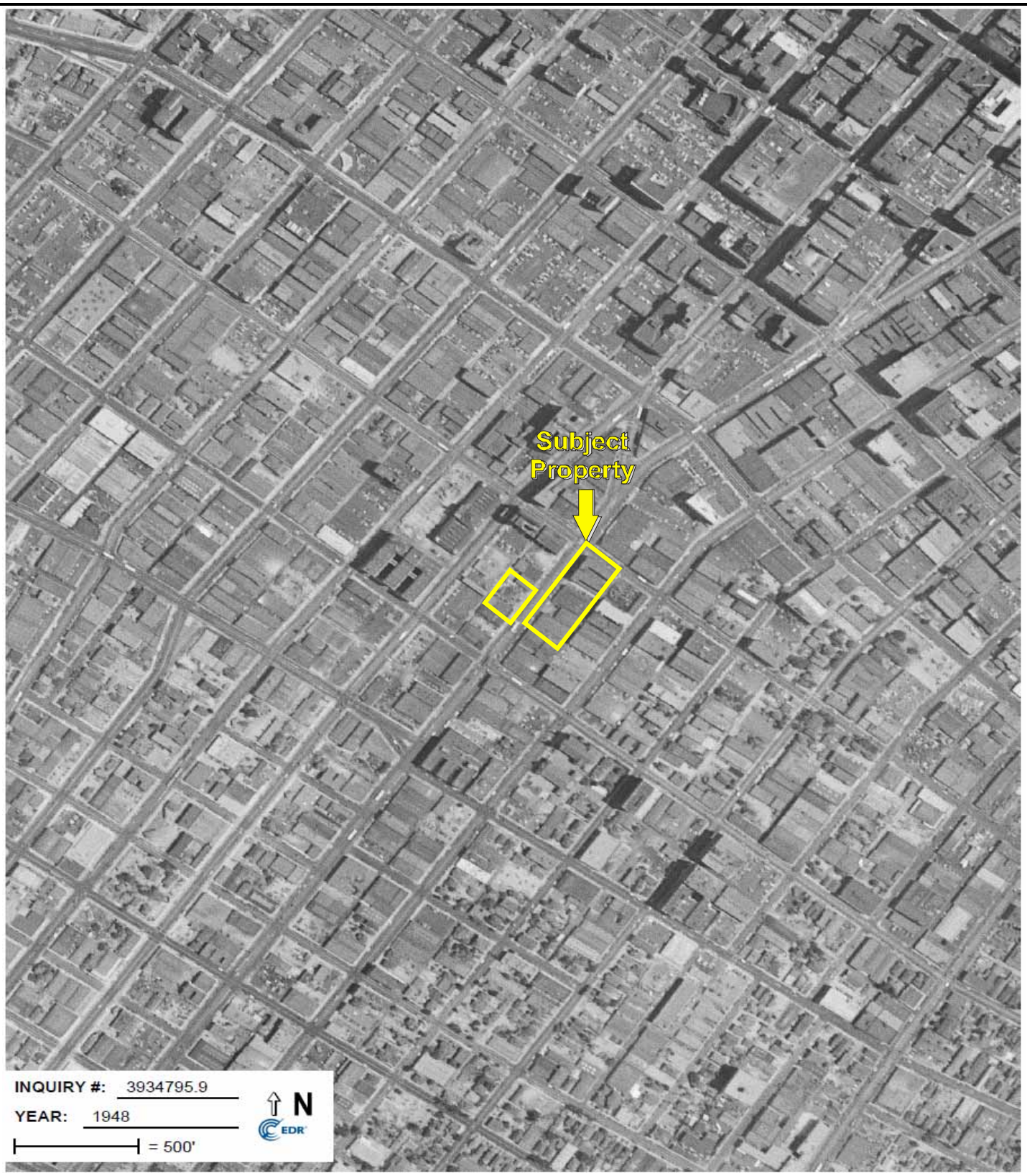
Date of Photograph: 1923



Date of Photograph: 1928



Date of Photograph: 1938



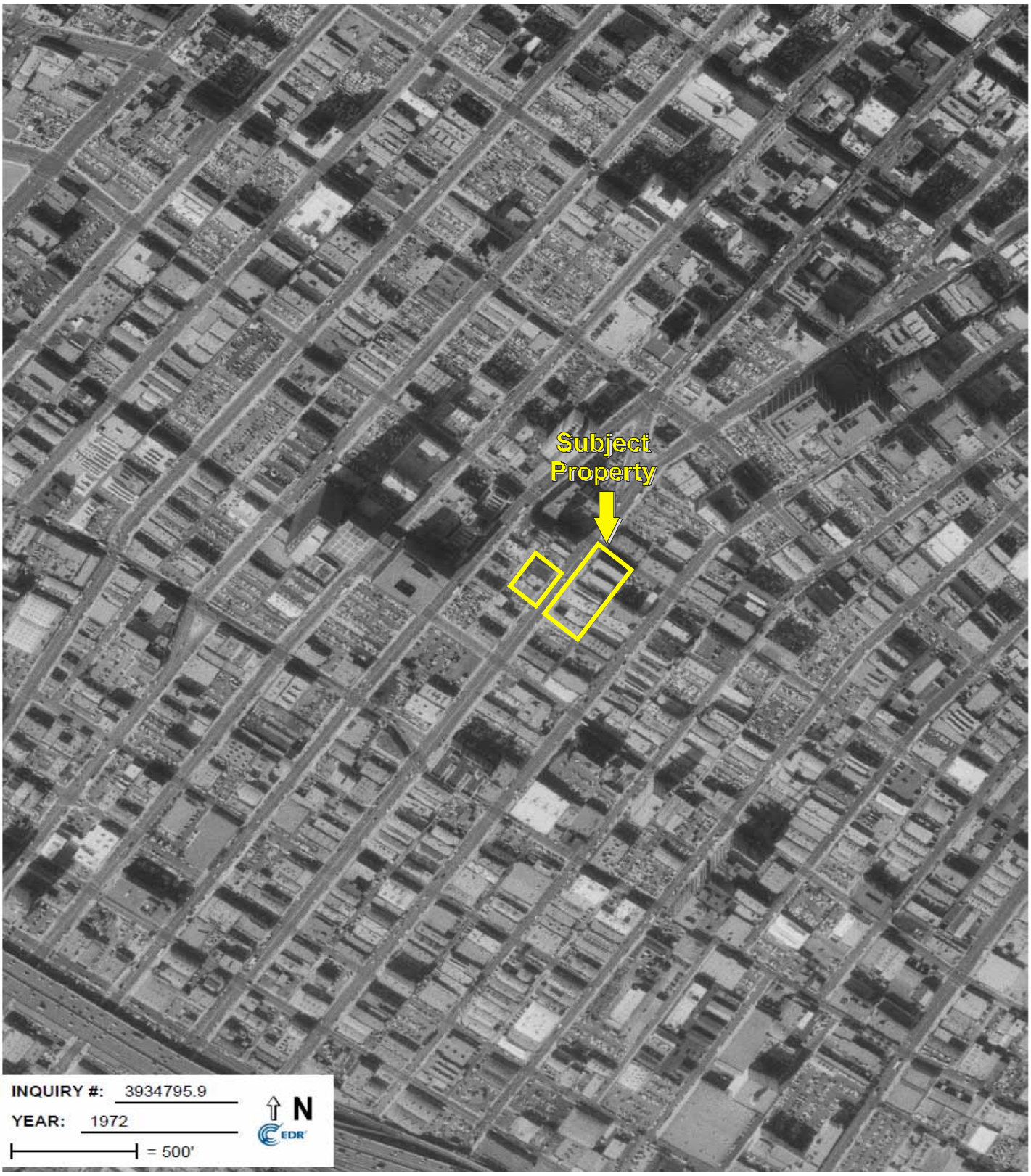
Date of Photograph: 1948



Date of Photograph: 1952



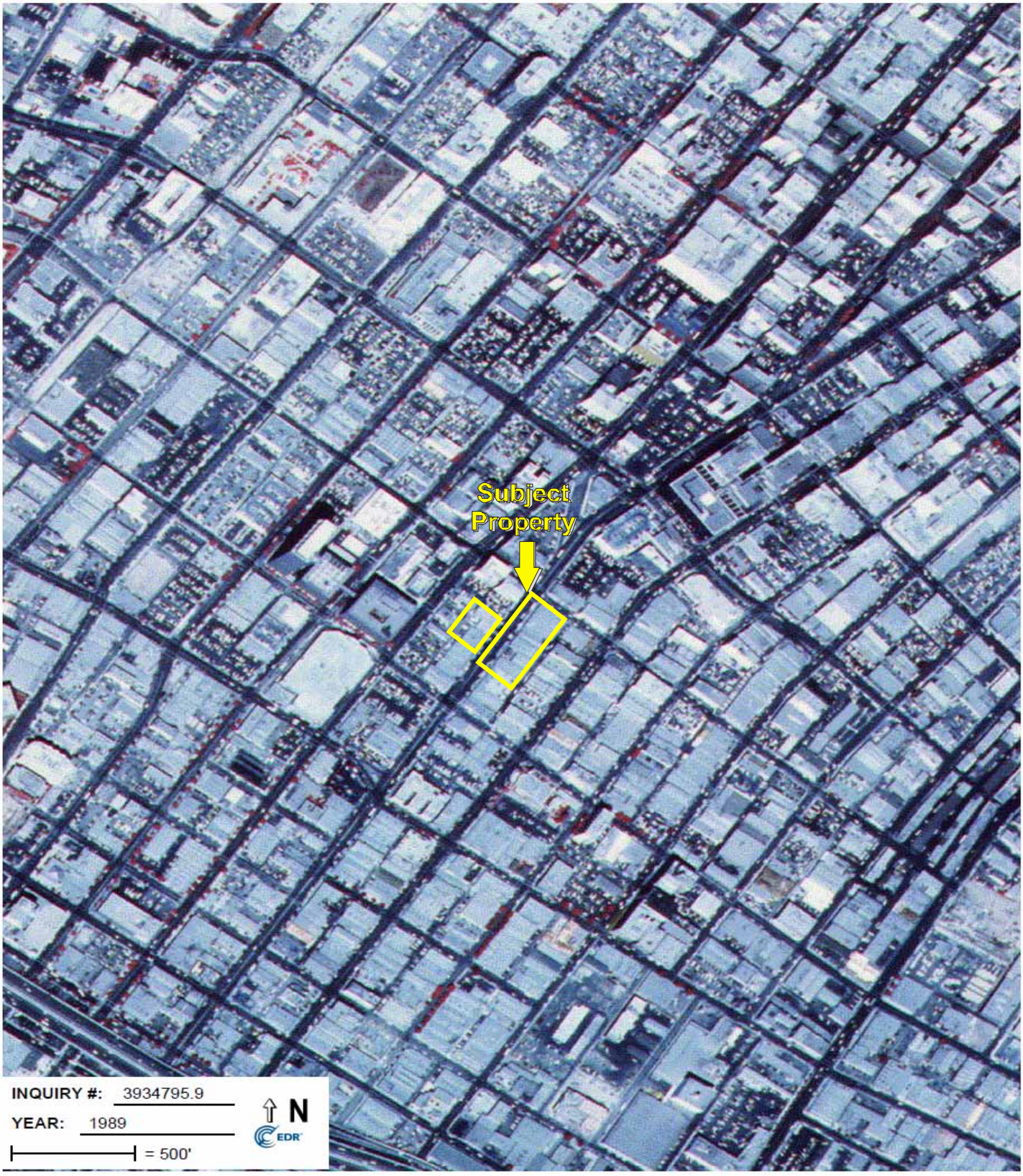
Date of Photograph: 1964



Date of Photograph: 1972



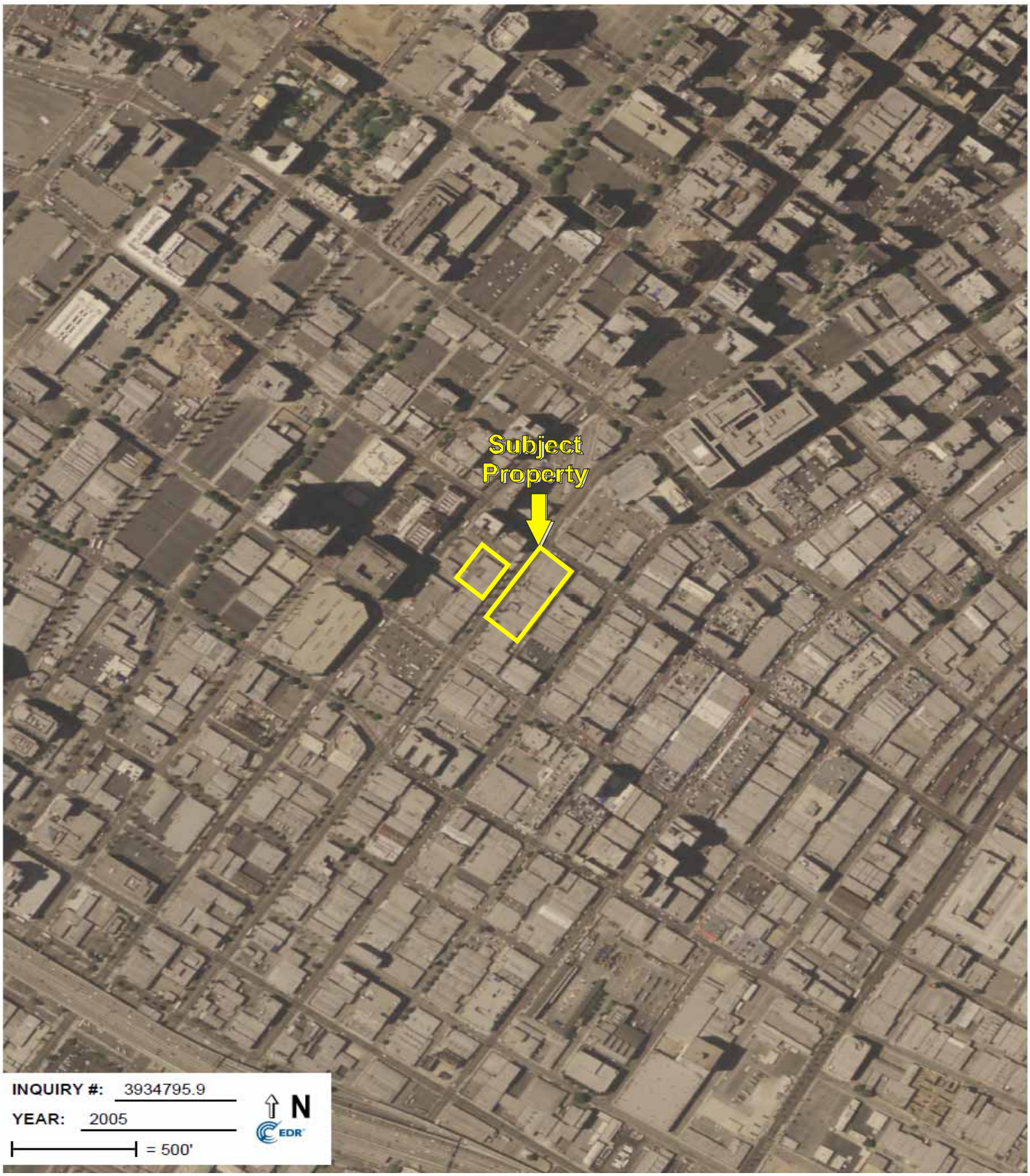
Date of Photograph: 1981



Date of Photograph: 1989



Date of Photograph: 1994



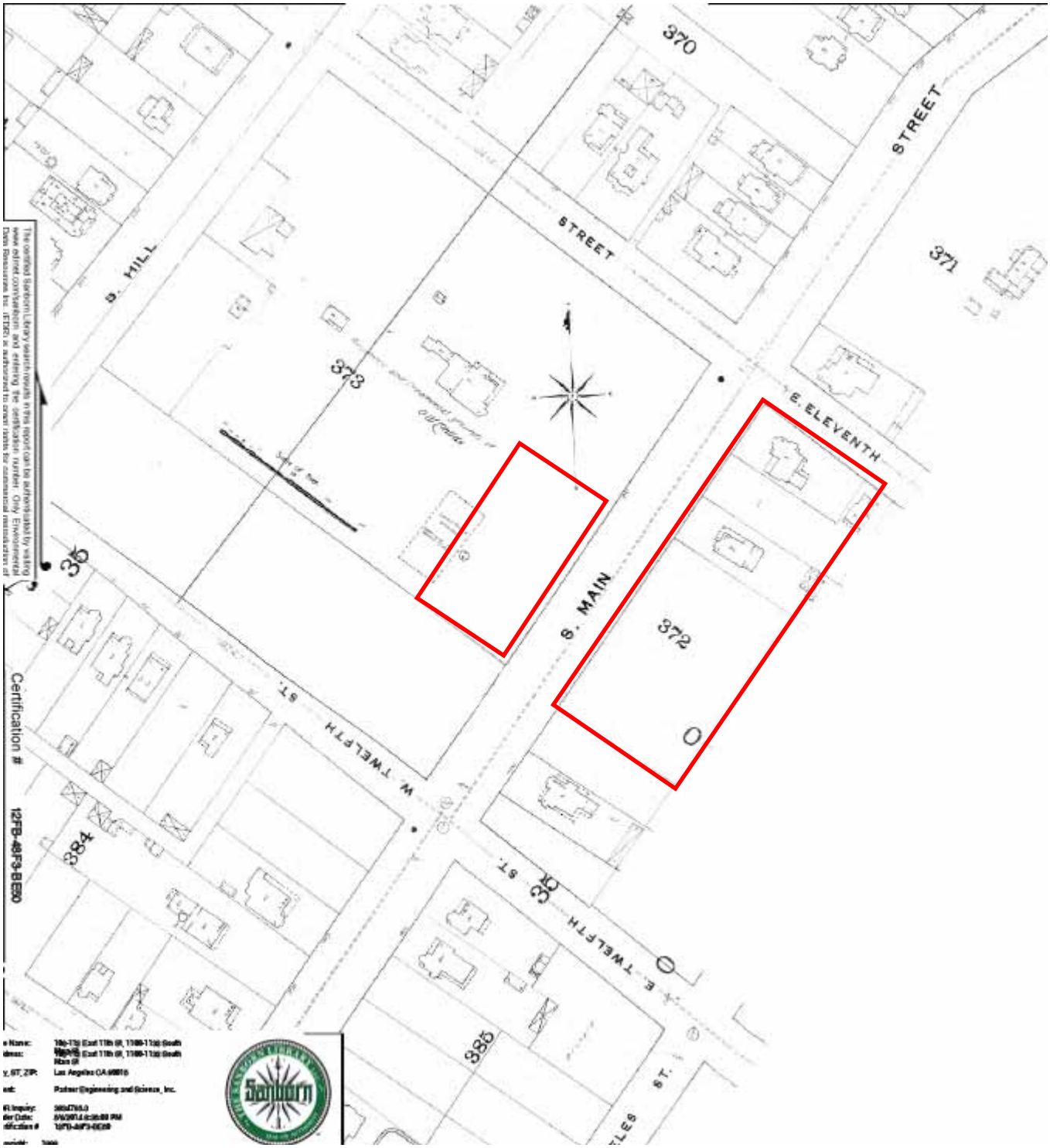
Date of Photograph: 2005



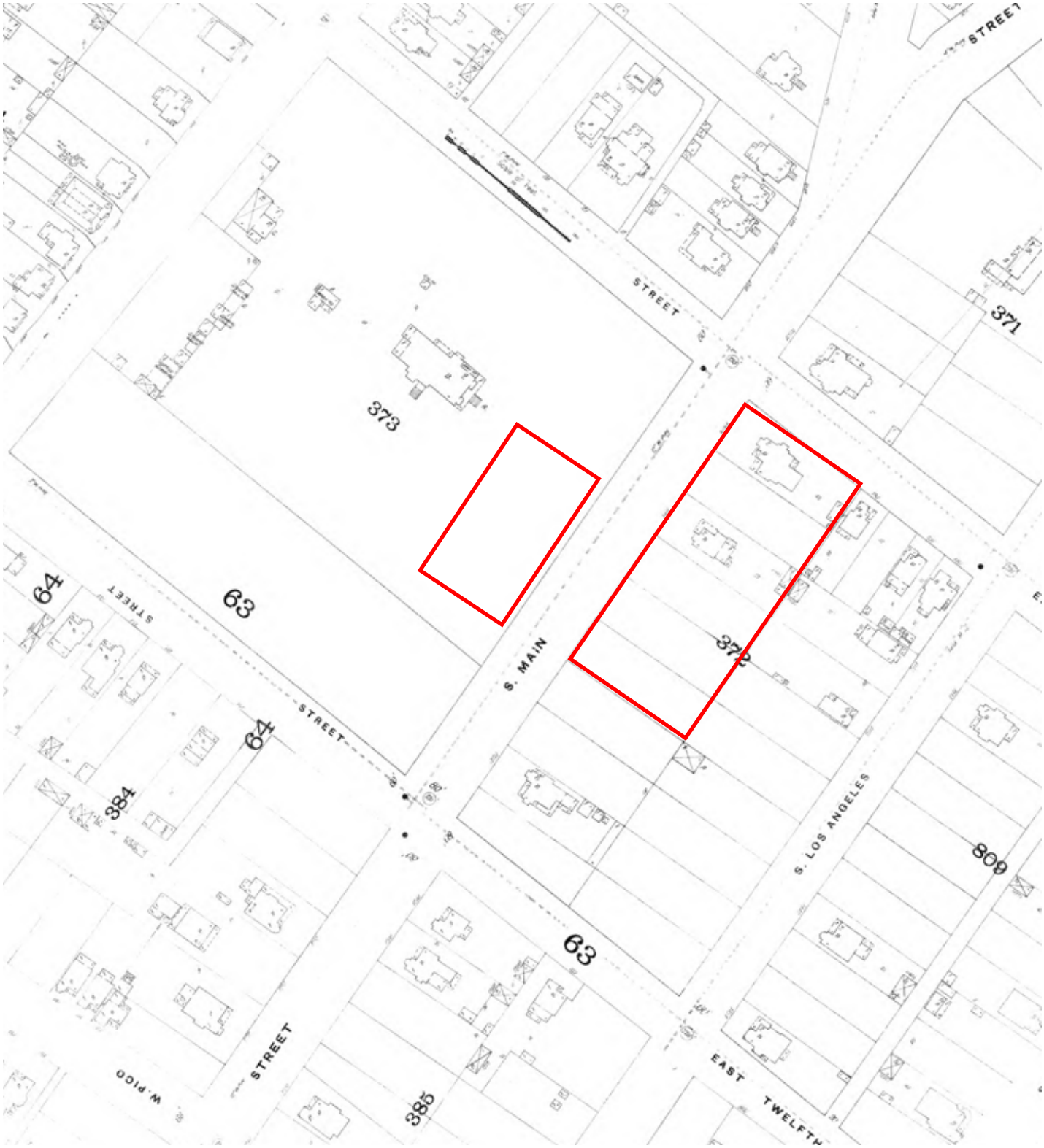
Date of Photograph: 2010



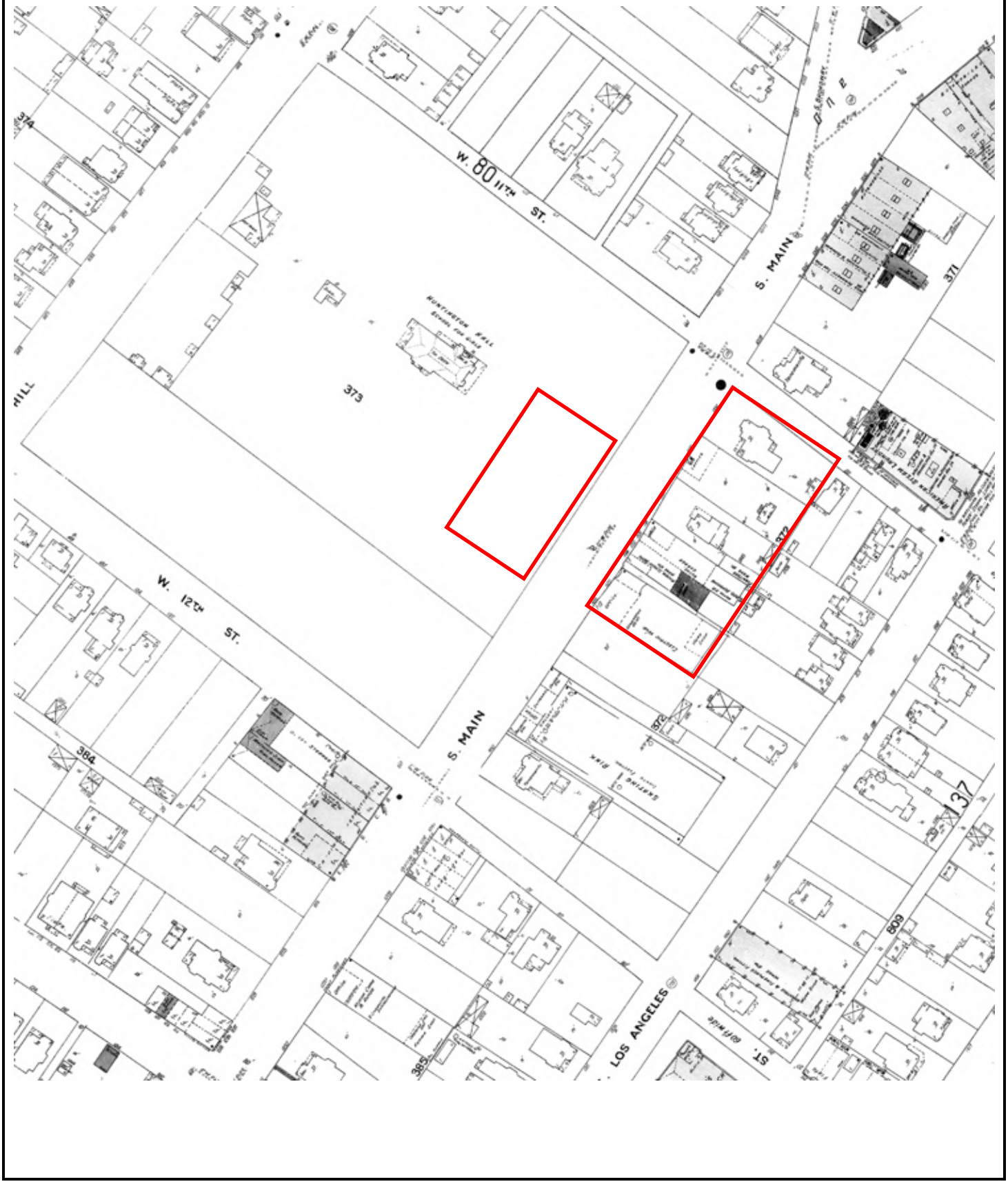
Date of Photograph: 2012



Date of Map: 1888



Date of Map: 1894



Date of Map: 1906



Date of Map: 1950



Date of Map: 1953



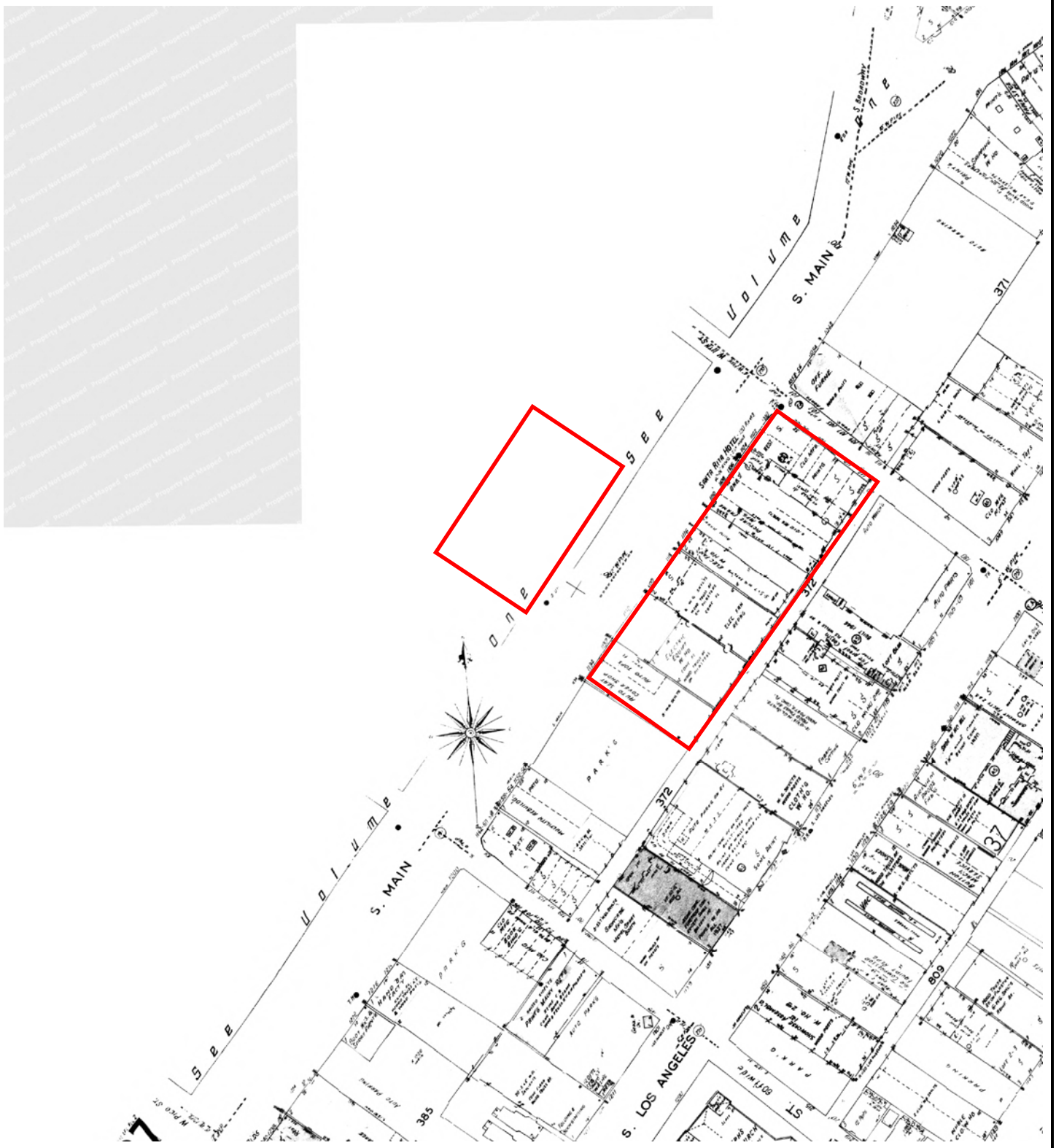
Date of Map: 1954



Date of Map: 1955



Date of Map: 1958



Date of Map: 1959



Date of Map: 1960



Date of Map: 1962



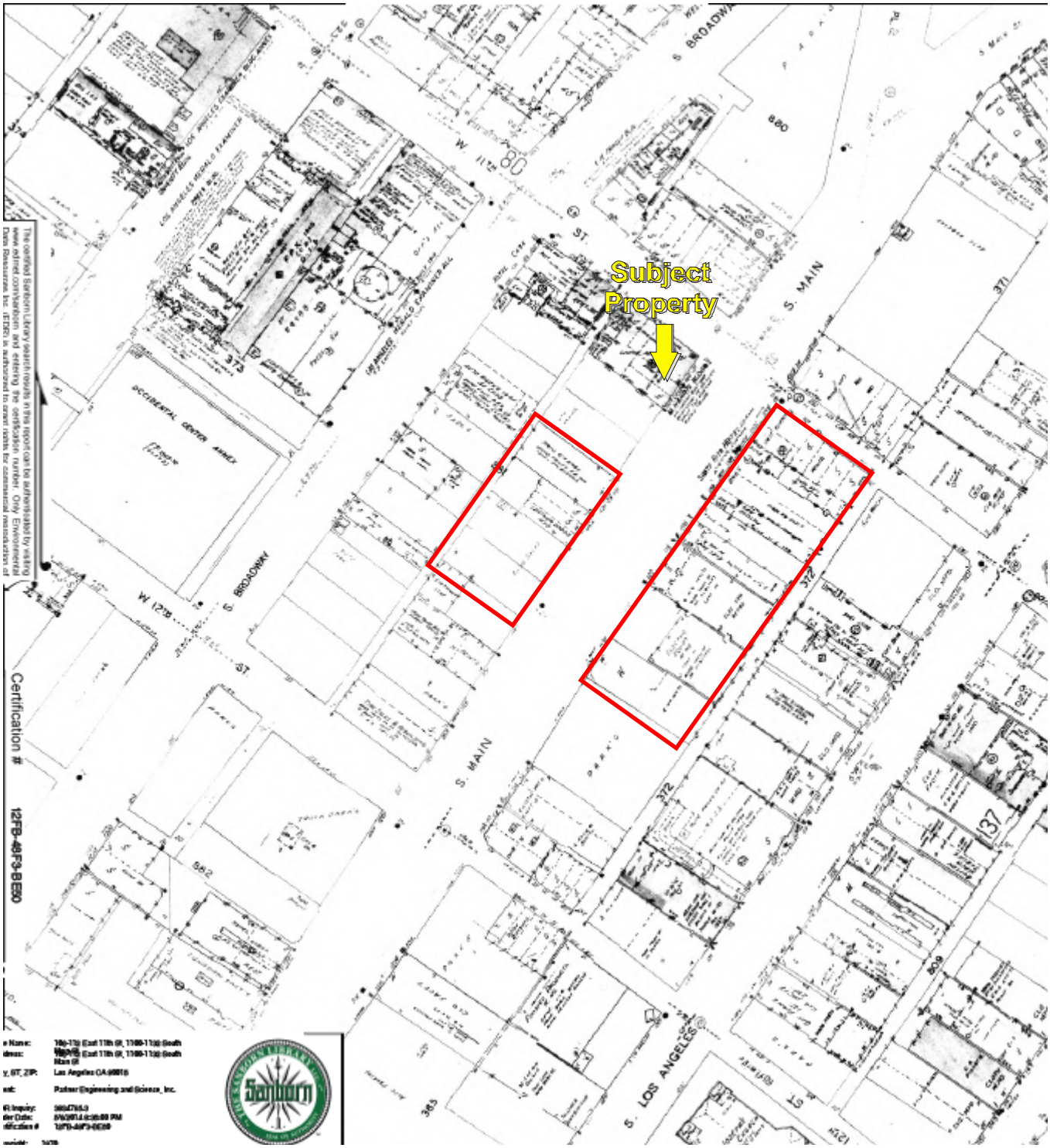
Date of Map: 1963



Date of Map: 1967



Date of Map: 1968

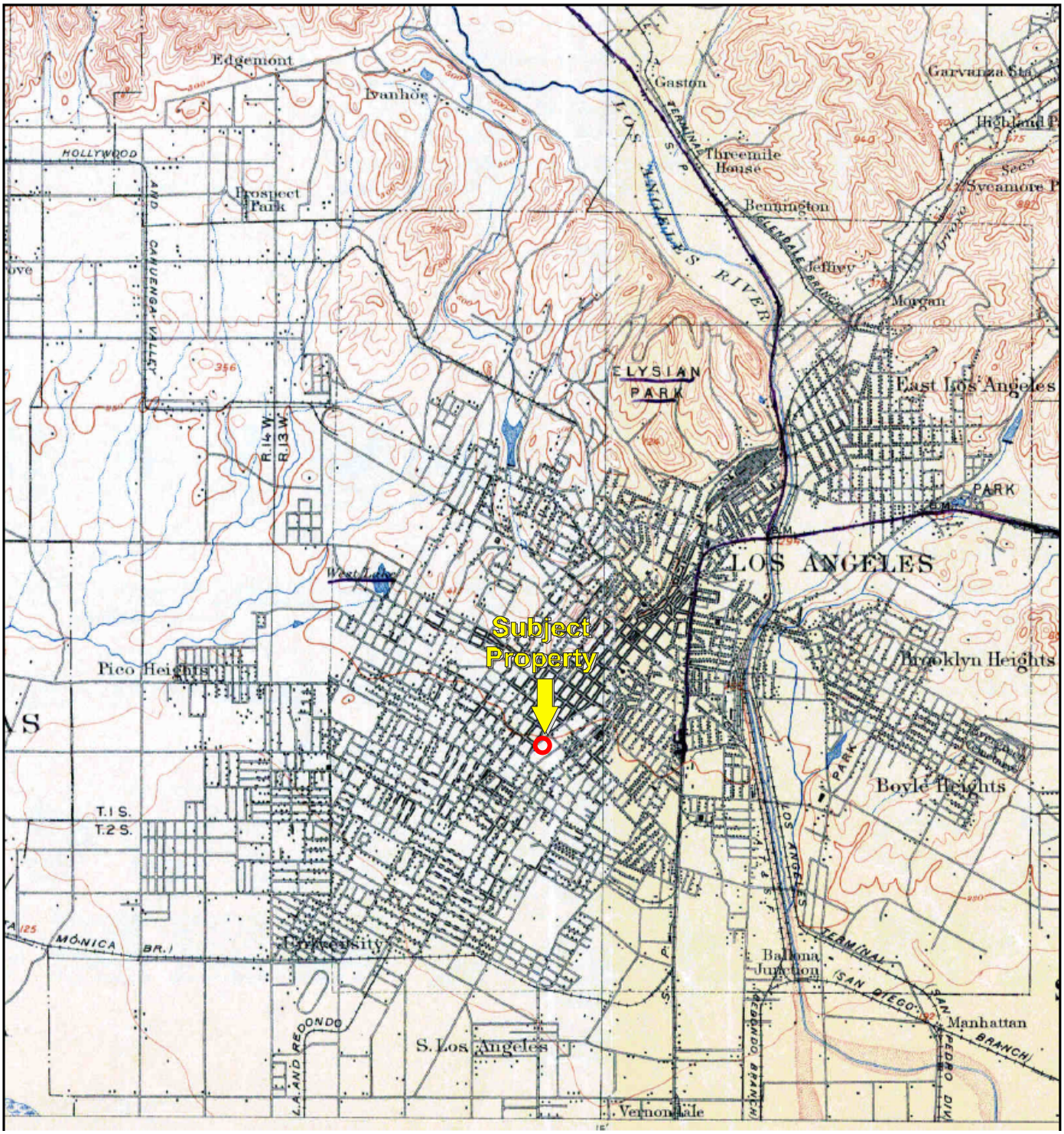


Date of Map: 1970



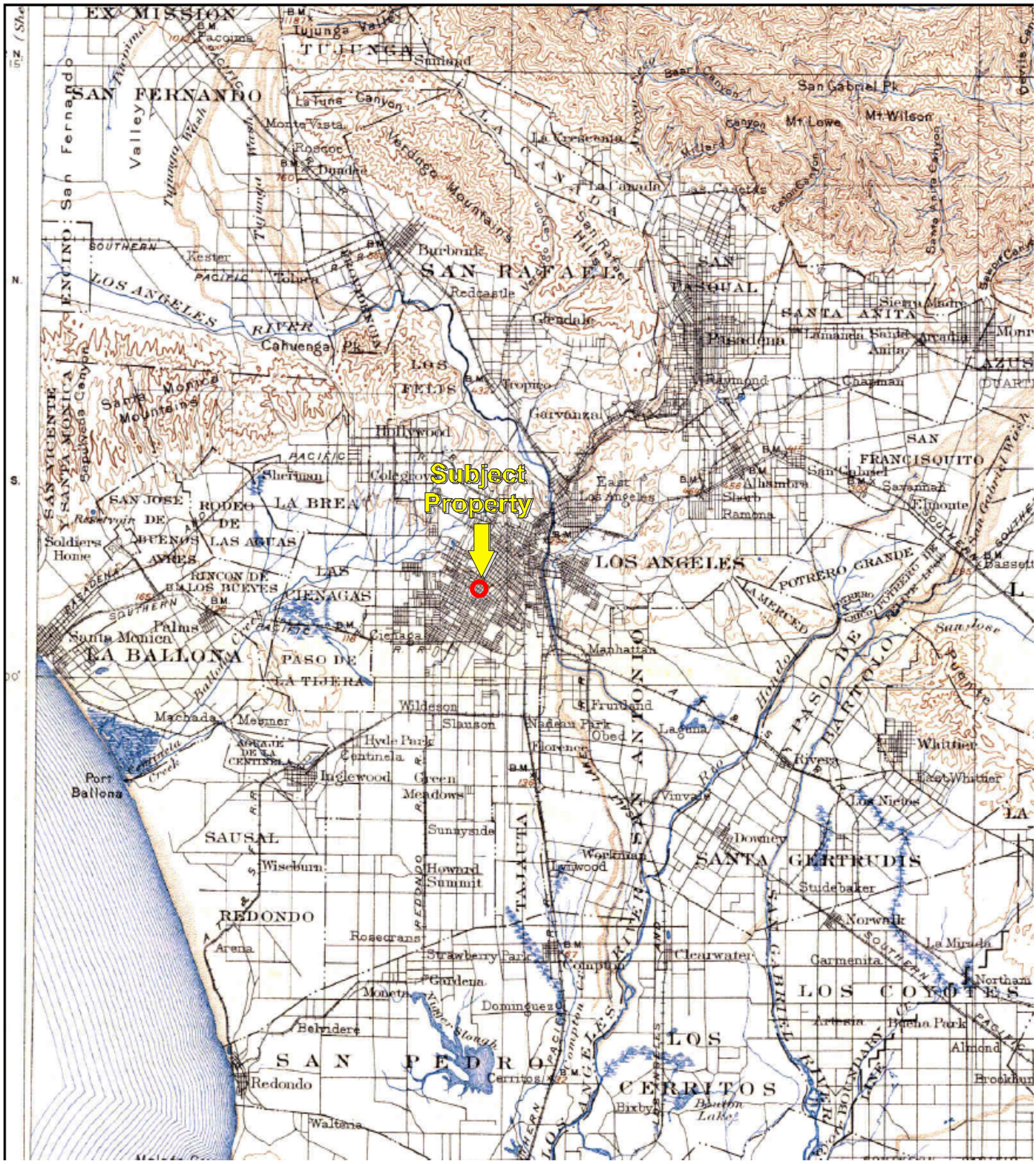
USGS 7.5 Minute *Santa Monica, CA* Quadrangle Created: 1896

Historical Topographic Map



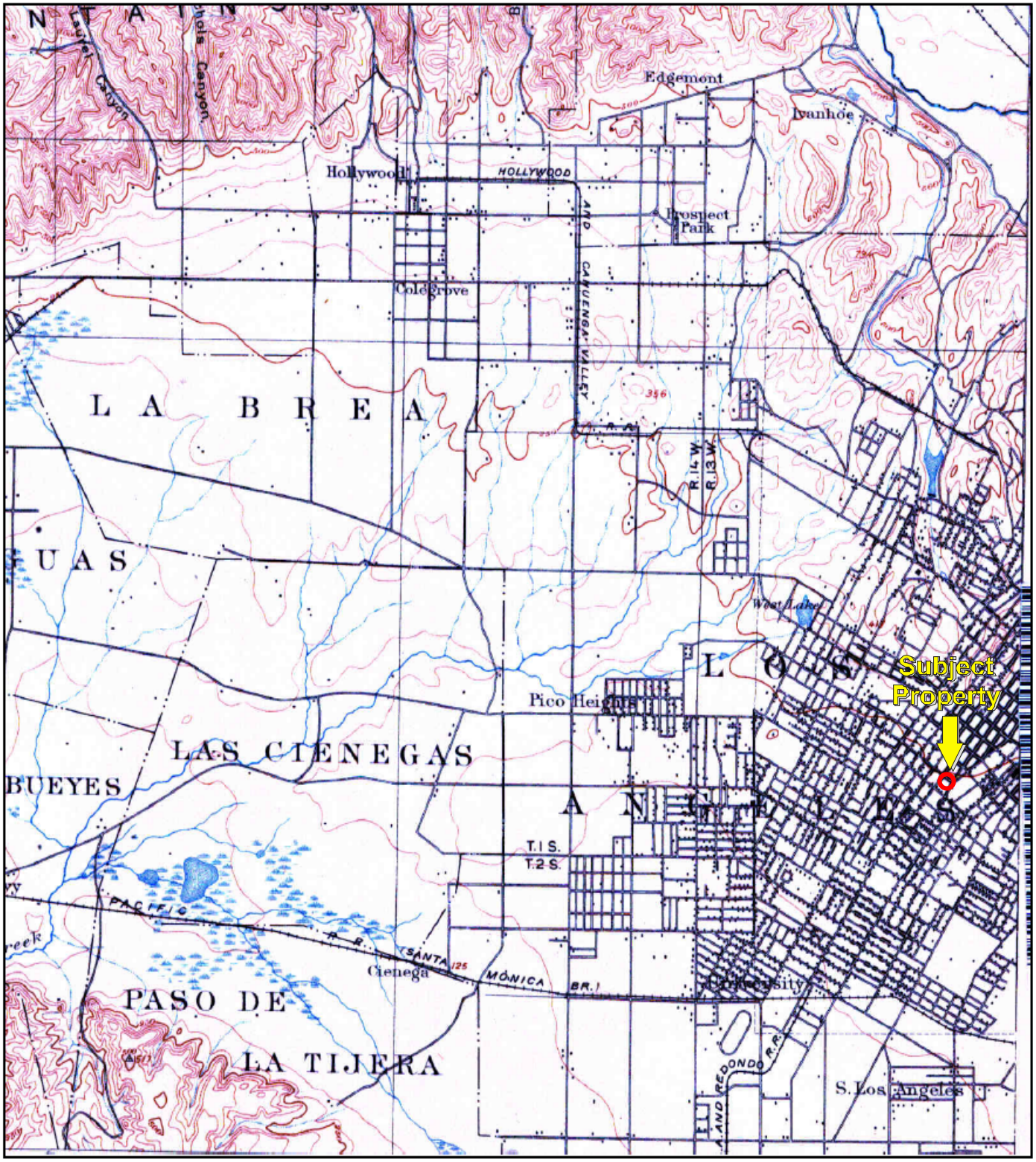
USGS 7.5 Minute *Los Angeles, CA* Quadrangle Created: 1900

Historical Topographic Map

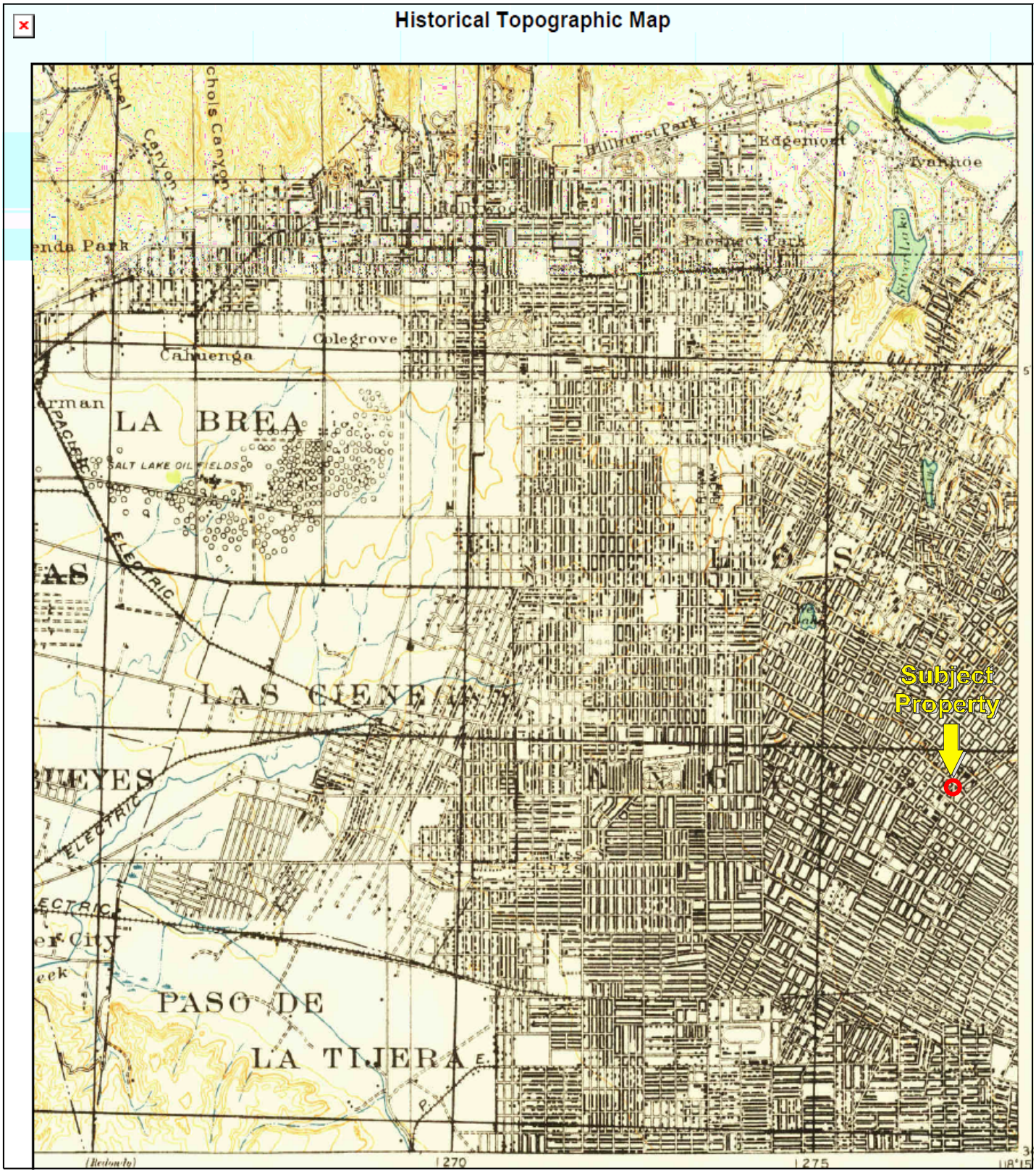


USGS 7.5 Minute *Southern, CA* Quadrangle Created: 1901

Historical Topographic Map

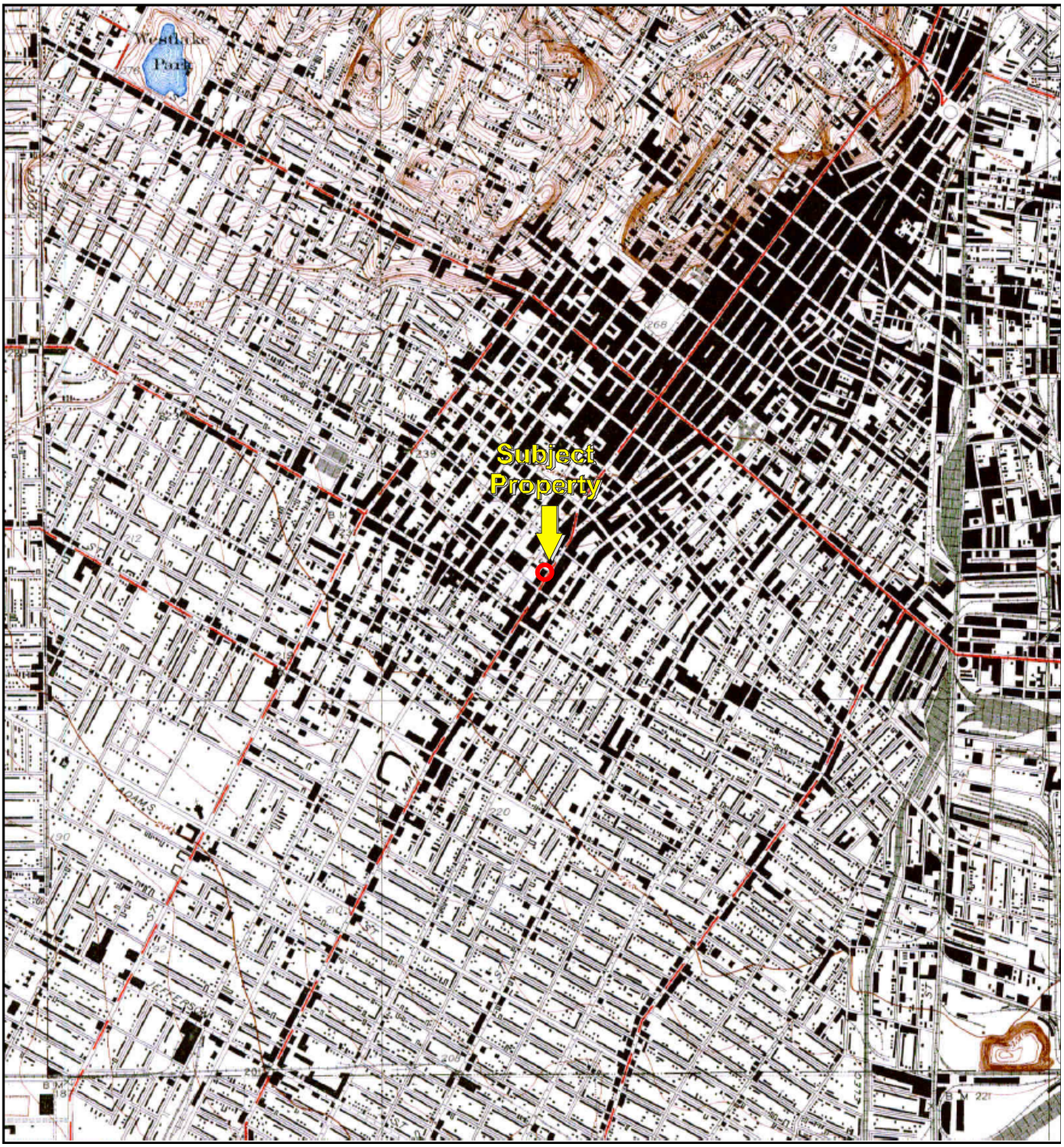


USGS 7.5 Minute *Santa Monica, CA* Quadrangle Created: 1902

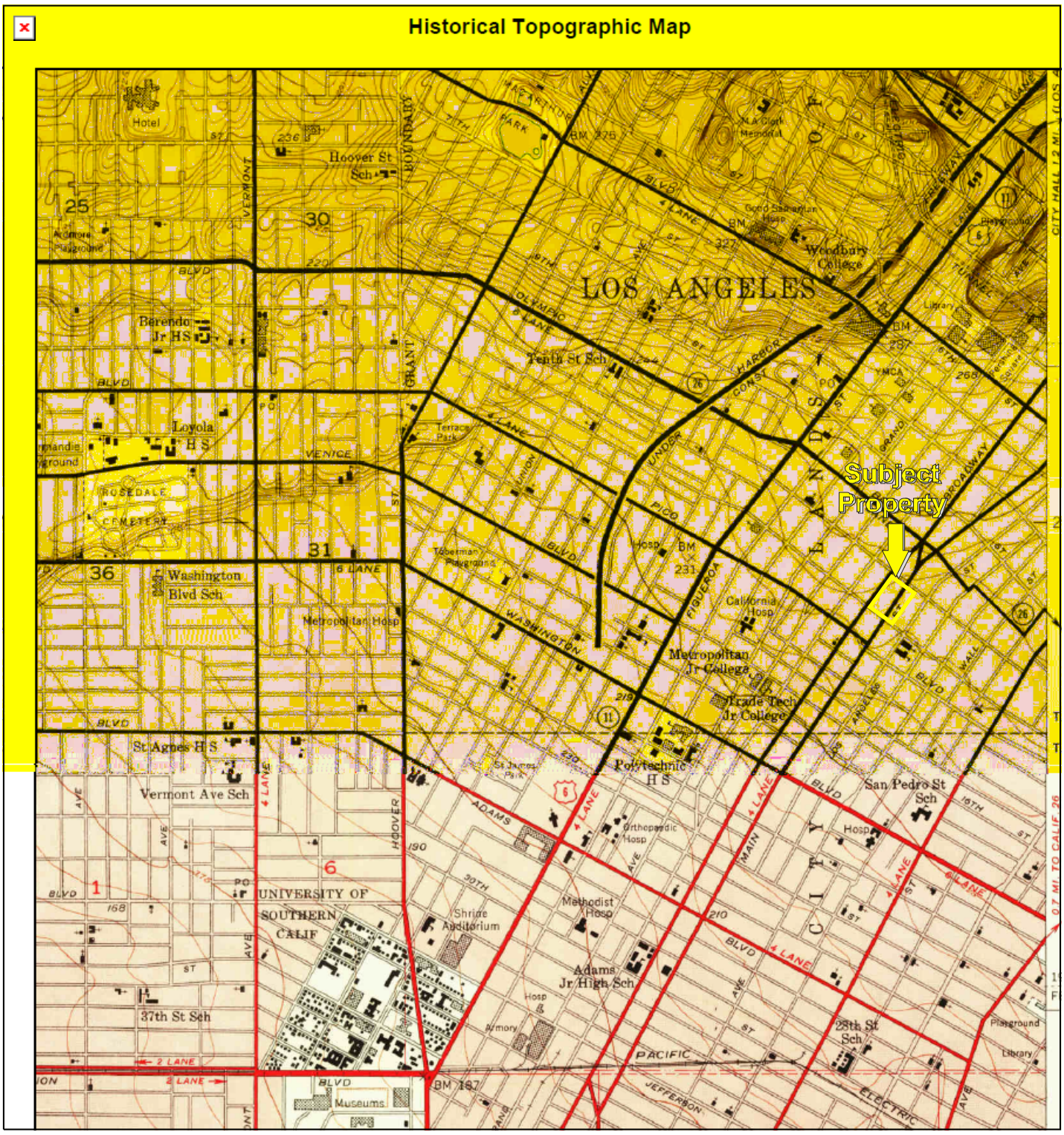


USGS 7.5 Minute *Santa Monica, CA* Quadrangle Created: 1920

Historical Topographic Map

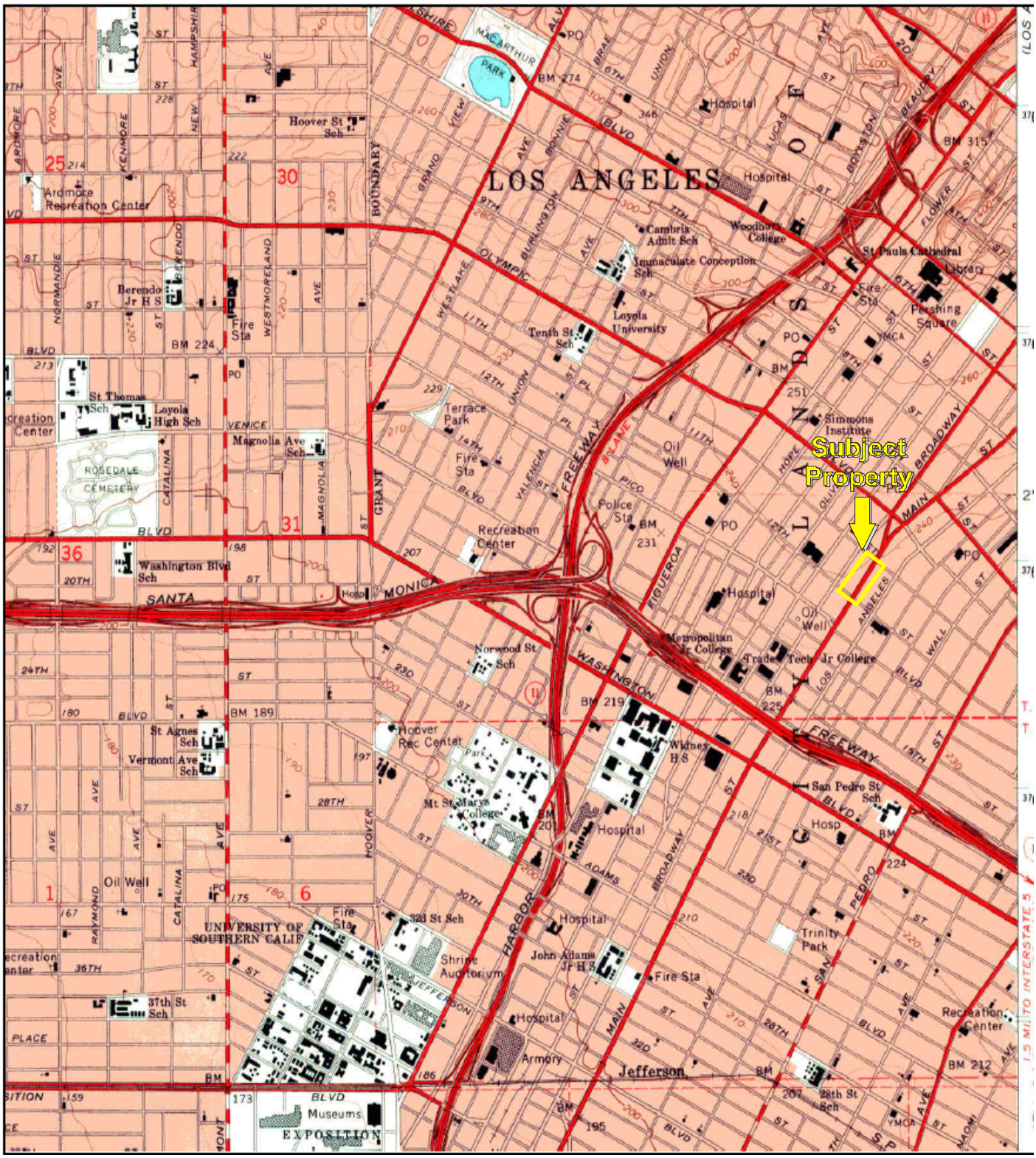


USGS 7.5 Minute *Los Angeles, CA* Quadrangle Created: 1928



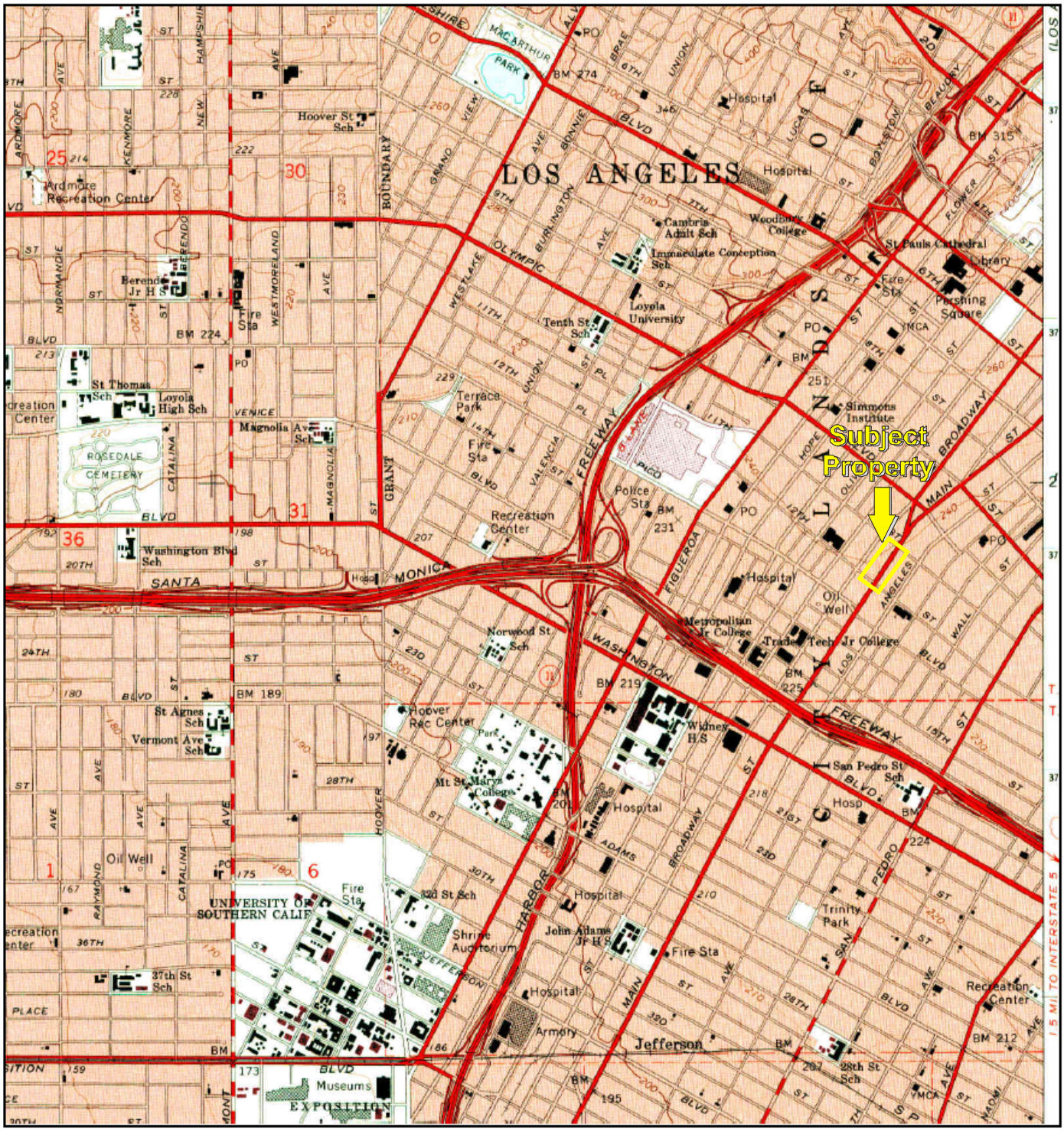
USGS 7.5 Minute *Hollywood, CA* Quadrangle Created: 1953

Historical Topographic Map



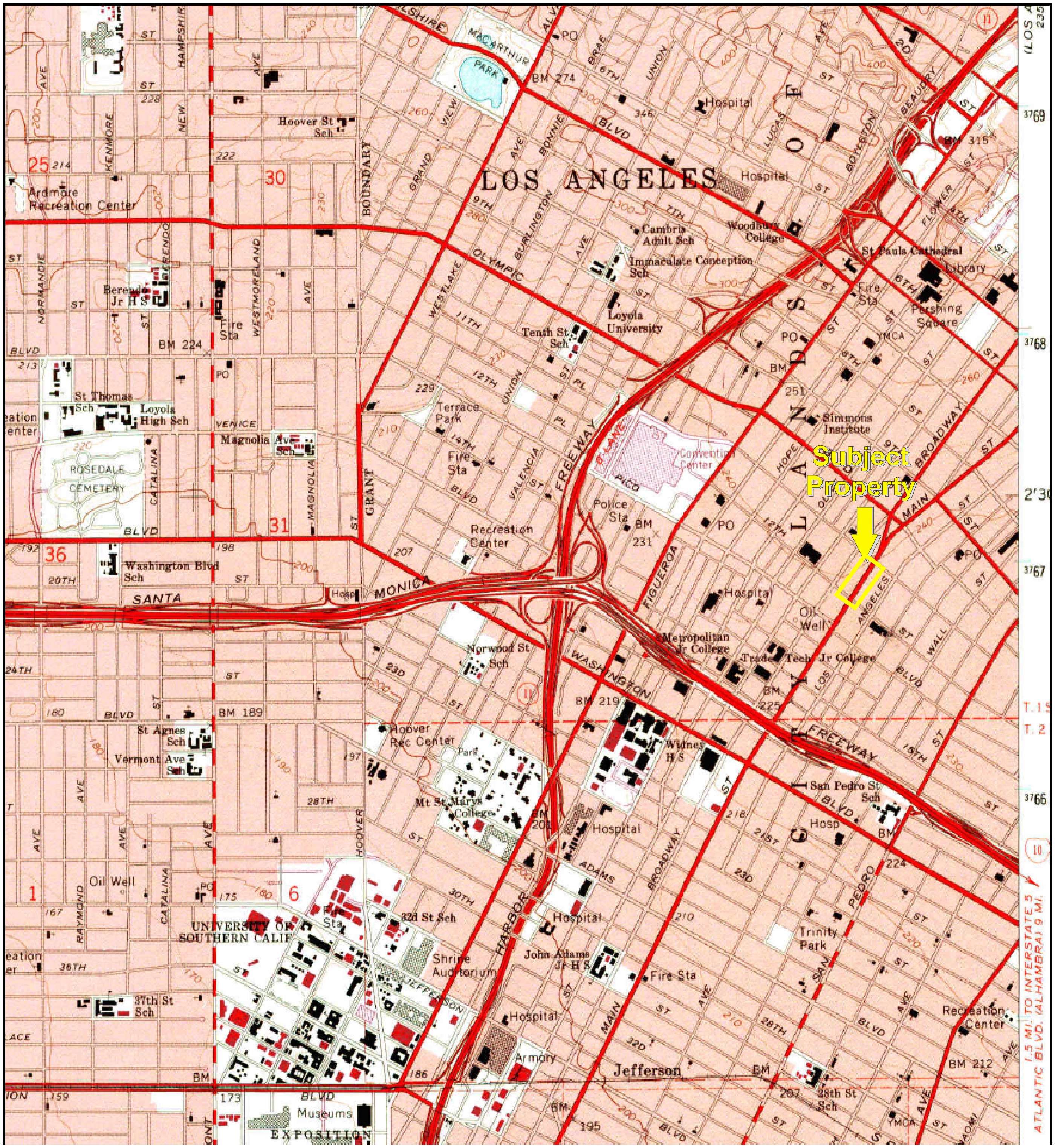
USGS 7.5 Minute *Hollywood, CA* Quadrangle Created: 1966

Historical Topographic Map



USGS 7.5 Minute *Hollywood, CA* Quadrangle Created: 1966

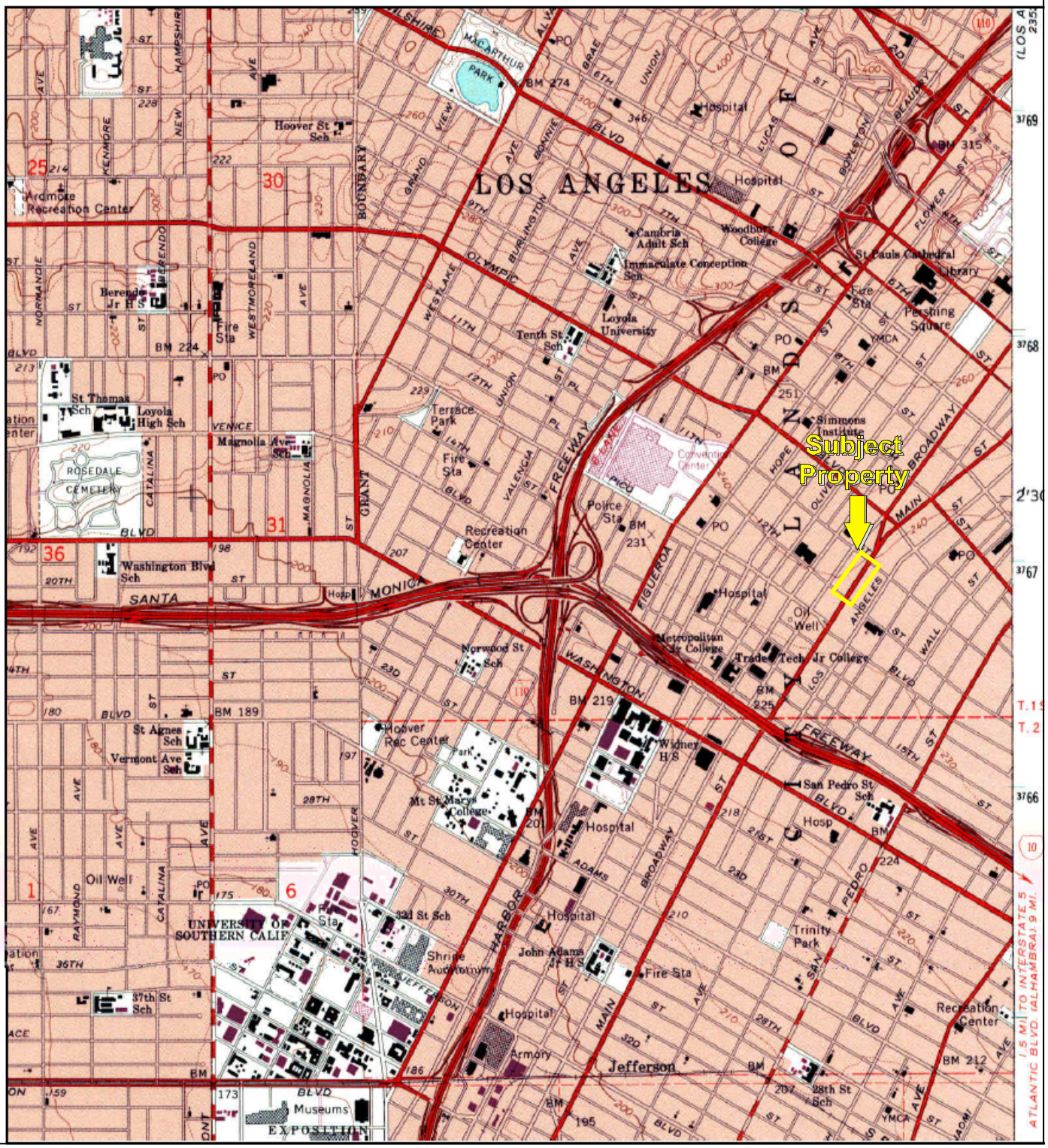
Historical Topographic Map



USGS 7.5 Minute *Hollywood, CA* Quadrangle

Created: 1981

Historical Topographic Map



USGS 7.5 Minute *Hollywood, CA* Quadrangle Created: 1966/Revised: 1994

106-112 East 11th St, 1100-1132 South Main St

106-112 East 11th St, 1100-1132 South Main St
Los Angeles, CA 90015

Inquiry Number: 3934795.5
May 08, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2006	Haines Company, Inc	-	X	X	-
	Haines Company, Inc	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1961	Luskey Brothers & Co	-	-	-	-
1960	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1958	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1957	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1956	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Directory Co.	-	-	-	-
1950	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Western Directory Co.	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Glendale Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	Glendale Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1929	Los Angeles Directory Co.	X	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.



SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

Address	***Type***	***Findings***
106-112 East 11th St, 1100-1132 South Main St	Map ID: 17	
1147 S MAIN ST # A	Map ID: 2	X
106-112 East 11th St, 1100-1132 South Main St	Map ID: 3	
106-112 East 11th St, 1100-1132 South Main St	Map ID: 5	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

106-112 East 11th St, 1100-1132 South Main St
Los Angeles, CA 90015

FINDINGS DETAIL

Target Property research detail.

106-112 East 11th St, 1100-1132 South Main St

106-112 East 11th St, 1100-1132 South Main St

Year	*Uses*	*Source*

11TH E

106 11TH E

Year	*Uses*	*Source*
2000	JADE TOWN USA	Haines & Company
	M & D USA 213 74 M	Haines & Company

108 11TH E

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

110 11TH E

Year	*Uses*	*Source*
2000	L A REMAKS INTERNATIONAL	Haines & Company

112 11TH E

Year	*Uses*	*Source*
2000	HOSS INTERNATIONAL INC	Haines & Company

E 11TH ST

106 E 11TH ST

Year	*Uses*	*Source*
2013	CHANDELLE	Cole Information Services
2008	CHANDELLE	Cole Information Services
2006	CHANDELLE	Haines Company, Inc

Year	Uses	Source
1958	Goldas Linen Mfg Co	Pacific Telephone

MAIN S

1100 MAIN S

Year	Uses	Source
2000	CLEO & CO	Haines & Company

1102 MAIN S

Year	Uses	Source
2000	CONSTANT IMPORTS	Haines & Company

1104 MAIN S

Year	Uses	Source
2000	YOUNG COSMETICS & BEAUTY SUPPLY	Haines & Company
	YOUNGS COSMETIC CENTER	Haines & Company

1106 MAIN S

Year	Uses	Source
2000	YOUNG BO WHSL CO	Haines & Company

1108 MAIN S

Year	Uses	Source
2000	BROTHERS ENTERPRISES	Haines & Company
	BROTHERS ENTP	Haines & Company
	TROIKA INTERNATL	Haines & Company

1110 MAIN S

Year	Uses	Source
2000	FRANCISCAN MDSE INC	Haines & Company

1114 MAIN S

Year	Uses	Source
2000	a 1/2 TAIWAN JEWELRY IMPORT INC	Haines & Company
	LATA EXPORTS IMPORT	Haines & Company
	SMOKERS CHOICE INC	Haines & Company

1116 MAIN S

Year	Uses	Source
2000	a 1/2 MIDO TRADING	Haines & Company
	TOSCA LEATHER HANDBAGS	Haines & Company

FINDINGS

1118 MAIN S

Year	Uses	Source
2000	LAMO TRADING CO	Haines & Company

1120 MAIN S

Year	Uses	Source
2000	a 1/2 JOY TRADING	Haines & Company
	LAUREN HAND BAG CO	Haines & Company

1123 MAIN S

Year	Uses	Source
2000	C E S S	Haines & Company
	LANGMAN David	Haines & Company

1124 MAIN S

Year	Uses	Source
2000	ANA TRADING CO	Haines & Company

1126 MAIN S

Year	Uses	Source
2000	XXXX	Haines & Company

1127 MAIN S

Year	Uses	Source
2000	LANGMAN David	Haines & Company
	LEONA INTERNATL	Haines & Company

1128 MAIN S

Year	Uses	Source
2000	SUN TRADING	Haines & Company

1130 MAIN S

Year	Uses	Source
2000	K P DISTRIBUTING CO	Haines & Company

1132 MAIN S

Year	Uses	Source
2000	B J TRADING	Haines & Company

FINDINGS

S BROADWAY

1123 S BROADWAY

Year	Uses	Source
1929	HUNTER STANLEY M Helen Osteopathic Physician and Specialist Eye Ear Nose and Throat	Los Angeles Directory Co.

S MAIN

1118 S MAIN

Year	Uses	Source
1990	HUA FONG ENTERPRISE CORP	Pacific Bell
1986	GOLDEN ISLAND INTERNATL INC	Pacific Bell

1120 S MAIN

Year	Uses	Source
1980	SMALLCOMB ELECTRIC CO LOS ANGELES	Pacific Telephone

1130 S MAIN

Year	Uses	Source
1990	ANA TRADING CO	Pacific Bell
1986	FIESTA TRADING	Pacific Bell

S MAIN ST

1100 S MAIN ST

Year	Uses	Source
2013	CHOICE HANDBAGS	Cole Information Services
2008	BNB HANDBAGS	Cole Information Services
	DORIANS HAND BAGS	Cole Information Services
2006	BAEGMEESUN	Haines Company, Inc
1976	At Furniture Co Inc	Pacific Telephone
	Furniture Discounts	Pacific Telephone

1102 S MAIN ST

Year	Uses	Source
2013	CONSTANT LINGERIE	Cole Information Services
2008	ANABEL COLLECTIONS INC	Cole Information Services
	CONSTANT TRADING INC	Cole Information Services
2006	CONSTANT	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	TRADING INC	Haines Company, Inc
1976	Santa Rita Cafe	Pacific Telephone

1104 S MAIN ST

Year	Uses	Source
2013	SK ALOHA TRADING	Cole Information Services
2008	STARUS TRADING CORP	Cole Information Services
2006	BEAUTY SUPPLY YOUNGS COSMETIC	Haines Company, Inc
	CENTER	Haines Company, Inc
	CORPORATION	Haines Company, Inc
	COSMETICS&	Haines Company, Inc
	STARUSTRADING	Haines Company, Inc
	YOUNG	Haines Company, Inc
1976	Santa Rita Hotel	Pacific Telephone
	Yamamoto Minoru	Pacific Telephone
1958	Morimoto Wm	Pacific Telephone
	Santa Rita Hotel	Pacific Telephone

1106 S MAIN ST

Year	Uses	Source
2013	SILVER SACK LLC	Cole Information Services
2008	SILVER SACK LLC	Cole Information Services
2006	SILVERSACKINC	Haines Company, Inc
1976	Walts Electric & Steam Iron Shop	Pacific Telephone
	WALTS STEAM & ELECTRIC IRONS	Pacific Telephone
1958	Pennino Music Co Inc	Pacific Telephone

1108 S MAIN ST

Year	Uses	Source
2013	BROTHERS ENTERPRISES	Cole Information Services
2008	BONITA TRADING	Cole Information Services
	BONITA TRADING CO	Cole Information Services
	BROTHERS TRADE THE INC	Cole Information Services
2006	BONITATRADING	Haines Company, Inc
	BROTHERS	Haines Company, Inc
	BROTHERS ENTP	Haines Company, Inc
	ENTERPRISES	Haines Company, Inc
1976	Mariano Sportswear	Pacific Telephone

FINDINGS

1110 S MAIN ST

Year	Uses	Source
2013	FRANCISCAN MERCHANDISE INC	Cole Information Services
2008	FRANCISCAN MERCHANDISE INC	Cole Information Services
1976	Aberdeen Artesia & Picture Frame Co	Pacific Telephone
	Holy Mt Calvary Baptist Church	Pacific Telephone
1958	ABERDEEN ART & PICTURE FRAME CO	Pacific Telephone

1114 S MAIN ST

Year	Uses	Source
2013	SENSE TRADING	Cole Information Services
2008	LATA EXPORT & IMPORTS INC	Cole Information Services
	SENSE TRADING	Cole Information Services
	SMOKERS CHOICE INC	Cole Information Services
2006	IMPORTS	Haines Company, Inc
	LATA EXPORTS AND	Haines Company, Inc
	SENSETRADING	Haines Company, Inc

1116 S MAIN ST

Year	Uses	Source
2013	MIDO TRADING INC	Cole Information Services
	TOSCA LEATHER HANDBAGS	Cole Information Services
2008	GLEN SUH	Cole Information Services
	MIDO TRADING CO	Cole Information Services
2006	HANDBAGS	Haines Company, Inc
	MIDOTRADING	Haines Company, Inc
	TOSCA LEATHER	Haines Company, Inc

1118 S MAIN ST

Year	Uses	Source
2013	LIMS CREATIONS INC	Cole Information Services
2008	RISING SUN	Cole Information Services
2006	NEWRISINGSUN	Haines Company, Inc

1120 S MAIN ST

Year	Uses	Source
2013	JOY TRADING	Cole Information Services
	LAUREN HAND BAG CO	Cole Information Services
2008	ALLSTATE INSURANCE	Cole Information Services
	JOY TRADING	Cole Information Services
	LAUREN HAND BAG CO	Cole Information Services

FINDINGS

Year	Uses	Source
2006	/s JOYTRADING	Haines Company, Inc
	JOYMAXTRADING	Haines Company, Inc
	LAUREN HAND BAG	Haines Company, Inc
1980	SMALLCOMB ELECTRIC CO	Pacific Telephone
	Smallcomb Electric Company	Pacific Telephone
1976	SMALLCOMB ELECTRIC CO	Pacific Telephone
1975	Smallcomb Electric Co	Pacific Telephone
	Smallcomb Electric Company	Pacific Telephone
1970	SMALLCOMB ELEC CO	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
1965	SMALLCOMB ELEC CB	Pacific Telephone
1964	SMALLCOMB ELECTRIC CO	Pacific Telephone
1962	SMALLCOMB ELEC CO	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
1960	SMALLCOMB ELECTRIC CO	Pacific Telephone
1958	Ilg Auth Elec Fan Serv Stn	Pacific Telephone
	Master Electric Co motor mfrs	Pacific Telephone
	Parts Dept	Pacific Telephone
	Serv & Repair	Pacific Telephone
	SMALLCOMB ELEC CO	Pacific Telephone
1957	IMALLCOMB ELECTRIC CO	Pacific Telephone
1956	SMALLCOMB ELECTRIC CO	Pacific Telephone
1950	SMALLCOMB ELEC CO	Pacific Telephone

1123 S MAIN ST

Year	Uses	Source
2006	ACCESSORIES	Haines Company, Inc
	MOKA HANDBAGS	Haines Company, Inc

1124 S MAIN ST

Year	Uses	Source
2013	SIMPLY YOU	Cole Information Services
2008	SIMPLY YOU	Cole Information Services
2006	ANATRADING	Haines Company, Inc

1126 S MAIN ST

Year	Uses	Source
2013	BEJEWELED	Cole Information Services
	CONTEMPO INC USA	Cole Information Services

FINDINGS

Year	Uses	Source
2008	CONTEMPO INC	Cole Information Services
2006	CONTEMPO INC USA	Haines Company, Inc
	LEE VICTOR	Haines Company, Inc

1127 S MAIN ST

Year	Uses	Source
2013	RINA RICH HANDBAGS	Cole Information Services
2008	RINA RICH HANDBAG CO	Cole Information Services
2006	HANDBAGS	Haines Company, Inc
	RINA RICH	Haines Company, Inc
1976	D Typesetting Co	Pacific Telephone
1958	Acme Staple Agcy stapling devices	Pacific Telephone
	Active Sales Co stapling devices	Pacific Telephone
	Chuey S E Active Sales Co stapling devices	Pacific Telephone
	Hansco Tacker Agcy stapling devices	Pacific Telephone
	Hansen Kling Tite Tacker & Stapling Agcy	Pacific Telephone
	Hansen Tacker & Stapling Agcy stapling devices	Pacific Telephone

1128 S MAIN ST

Year	Uses	Source
2013	OUTSHINE INC	Cole Information Services
2008	OUTSHINE	Cole Information Services
2006	OUTSHINE INC	Haines Company, Inc
	OUTSHINEINC	Haines Company, Inc

1130 S MAIN ST

Year	Uses	Source
2013	K P DISTRIBUTING CO INC	Cole Information Services
2006	KP DISTRIBUTING	Haines Company, Inc

1132 S MAIN ST

Year	Uses	Source
2013	BJ CO	Cole Information Services
2006	BJ CO	Haines Company, Inc
1958	Als Auto Top Shop	Pacific Telephone
	Als Auto Tops	Pacific Telephone
	Als Top Shop Auto	Pacific Telephone
	Garcia Albert H Als Auto Top Shop	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

11TH E

101 11TH E

Year	Uses	Source
2000	XXXX	Haines & Company

105 11TH E

Year	Uses	Source
2000	XXXX	Haines & Company

107 11TH E

Year	Uses	Source
2000	XXXX	Haines & Company

109 11TH E

Year	Uses	Source
2000	XXXX	Haines & Company

111 11TH E

Year	Uses	Source
2000	IILOQUE INC	Haines & Company

113 11TH E

Year	Uses	Source
2000	N X T LEVEL	Haines & Company

115 11TH E

Year	Uses	Source
2000	VANITY USA	Haines & Company

117 11TH E

Year	Uses	Source
2000	XXXX	Haines & Company

120 11TH E

Year	Uses	Source
2000	MAVELA INC	Haines & Company

FINDINGS

12TH E

100 12TH E

Year	Uses	Source
2000	L M TRADING	Haines & Company

104 12TH E

Year	Uses	Source
2000	XXXX	Haines & Company

107 12TH E

Year	Uses	Source
2000	XXXX	Haines & Company

108 12TH E

Year	Uses	Source
2000	BUBU BAG	Haines & Company

109 12TH E

Year	Uses	Source
2000	POLLY TRADING CO INC	Haines & Company

110 12TH E

Year	Uses	Source
2000	12TH E 90015 CONT	Haines & Company
	CHAMELEON	Haines & Company

111 12TH E

Year	Uses	Source
2000	HOBBS DISCOUNT	Haines & Company

112 12TH E

Year	Uses	Source
2000	RHEE CHUONE	Haines & Company

114 12TH E

Year	Uses	Source
2000	PERFUMELAND	Haines & Company

115 12TH E

Year	Uses	Source
2000	GLOBAL TRADING	Haines & Company

FINDINGS

117 12TH E

Year	*Uses*	*Source*
2000	MIKY KIDS	Haines & Company

118 12TH E

Year	*Uses*	*Source*
2000	PAK Chung	Haines & Company

119 12TH E

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

12TH W

150 12TH W

Year	*Uses*	*Source*
2000	PRESTIGE ENTERPRISES INC	Haines & Company

BROADWAY S

1138 BROADWAY S

Year	*Uses*	*Source*
2000	YOU ME INTERNATL INC	Haines & Company

1144 BROADWAY S

Year	*Uses*	*Source*
2000	LUCKY INTERNATIONAL TRADING	Haines & Company

1149 BROADWAY S

Year	*Uses*	*Source*
2000	BEXHEIMER ERICKSON CORP	Haines & Company
	J & B CARDS & GIFT SHOP	Haines & Company
	TRANSAM INFO SERVS	Haines & Company
	MAXICARE HEALTH PLN	Haines & Company
	MARQUIS EBRAHIMI INSURANCE CO	Haines & Company

1151 BROADWAY S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

FINDINGS

1158 BROADWAY S

Year	Uses	Source
2000	PHILS PLACE	Haines & Company

E 11TH

157 E 11TH

Year	Uses	Source
1986	STACKHOUSE ESSIE	Pacific Bell

E 11TH PL

155 E 11TH PL

Year	Uses	Source
1981	HOUGHTON IRMA	Pacific Telephone

E 12TH

102 E 12TH

Year	Uses	Source
1990	PARADISE LINGERIE INC	Pacific Bell
	SUNNY FASHION	Pacific Bell
1986	DELUXE WATCH & GENERAL MERCHANDISE	Pacific Bell

102 1/2 E 12TH

Year	Uses	Source
1986	JAY CO CO	Pacific Bell

104 E 12TH

Year	Uses	Source
1990	A & R FASHIONS S	Pacific Bell
1986	KID S FASHIONS S	Pacific Bell

109 E 12TH

Year	Uses	Source
1990	RED LIGHT	Pacific Bell

110 E 12TH

Year	Uses	Source
1990	TOP WAY FASHION	Pacific Bell
1986	7 SEASON S FASHION	Pacific Bell

Year	Uses	Source
1981	ZANY S APPAREL	Pacific Telephone

111 E 12TH

Year	Uses	Source
1990	FAMILY FASHION	Pacific Bell
1986	KNIGHTS OF ROUND TABLE DISTR	Pacific Bell
	KNIGHTS OF ROUND TABLE	Pacific Bell
1981	JX RX TEXTILES & FABRICS	Pacific Telephone

114 E 12TH

Year	Uses	Source
1990	MAC S FASHION	Pacific Bell
1986	MACS FASHIONS	Pacific Bell

115 E 12TH

Year	Uses	Source
1986	PARADISE LINGERIE INC	Pacific Bell
1981	MAXI S	Pacific Telephone

118 E 12TH

Year	Uses	Source
1981	DEPENDABLE BINDING	Pacific Telephone
	DEPENDABLE FOLDING & BINDING CO	Pacific Telephone
	DEPENDABLE FOLDING & BINDING CO	Pacific Telephone

E 12TH ST

102 E 12TH ST

Year	Uses	Source
2013	BENK USA CORP	Cole Information Services
2006	BEN K USA CORP	Haines Company, Inc

104 E 12TH ST

Year	Uses	Source
2013	M & JR	Cole Information Services
2008	YNM	Cole Information Services
2006	YNM	Haines Company, Inc

FINDINGS

MAIN S

1101 MAIN S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1105 MAIN S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1107 MAIN S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1125 MAIN S

Year	*Uses*	*Source*
2000	MAIN ELEVEN	Haines & Company

1129 MAIN S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1131 MAIN S

Year	*Uses*	*Source*
2000	RAMONA TRADING CORP	Haines & Company
	WONG PATRICK	Haines & Company

1133 MAIN S

Year	*Uses*	*Source*
2000	TRANS JWLRY & ACCSSRY	Haines & Company
	a 1/2 ROYAL TRADING CO	Haines & Company

1135 MAIN S

Year	*Uses*	*Source*
2000	MARVEL INTERNATL	Haines & Company
	DON KO ENTERPRISE	Haines & Company

1137 MAIN S

Year	*Uses*	*Source*
2000	DANIEL BEAUTY SUPPLY	Haines & Company
	WING FUNG LEATHER PROCT INTL	Haines & Company

FINDINGS

1140 MAIN S

Year	Uses	Source
2000	a 1/2 210 US TRADING CORP	Haines & Company

1142 MAIN S

Year	Uses	Source
2000	LIMS CREATIONS	Haines & Company
	WE CARE TRADING INC	Haines & Company

1144 MAIN S

Year	Uses	Source
2000	CHUNMA AMERICA CORP	Haines & Company
	a 1/2 HILIGHT INTERNATL CO	Haines & Company
	PEGASO	Haines & Company

1146 MAIN S

Year	Uses	Source
2000	JUNE TRADING	Haines & Company

1147 MAIN S

Year	Uses	Source
2000	LUCKY INTL TRADING	Haines & Company
	SIGMA USA JEWELRY	Haines & Company

1150 MAIN S

Year	Uses	Source
2000	INFINITY JEWELRY CO	Haines & Company

1151 MAIN S

Year	Uses	Source
2000	CHARMING	Haines & Company
	KORUS PANTYHOSE	Haines & Company

1152 MAIN S

Year	Uses	Source
2000	YOONA INTERNATL INC	Haines & Company
	YOONA INTERNATL INC	Haines & Company

1154 MAIN S

Year	Uses	Source
2000	XXXX	Haines & Company

FINDINGS

1155 MAIN S

Year	Uses	Source
2000	JOO Young	Haines & Company
	S H TRADING	Haines & Company

1156 MAIN S

Year	Uses	Source
2000	HANA TRADING	Haines & Company

1157 MAIN S

Year	Uses	Source
2000	PRO VISION SUN GLASSES CO	Haines & Company

1158 MAIN S

Year	Uses	Source
2000	JORAM TRADING	Haines & Company
	COHEN Isaac	Haines & Company

1159 MAIN S

Year	Uses	Source
2000	M & M TRADING	Haines & Company
	RINA RICH	Haines & Company
	EMILLAE TRADING	Haines & Company

1161 MAIN S

Year	Uses	Source
2000	XXXX	Haines & Company

1162 MAIN S

Year	Uses	Source
2000	PERFUMELAND	Haines & Company

1165 MAIN S

Year	Uses	Source
2000	JOO Young	Haines & Company

1201 MAIN S

Year	Uses	Source
2000	XXXX	Haines & Company

FINDINGS

1210 MAIN S

Year	Uses	Source
2000	P T I HANDBAGS	Haines & Company
	COCOS INTERNATIONAL TRADING	Haines & Company
	BOTACH Shlomo	Haines & Company
	NEW FASHION ACCESSORIES	Haines & Company

S BROADWAY

1116 S BROADWAY

Year	Uses	Source
1933	Cabrillo Auto Park Benj Hildreth mgr	Los Angeles Directory Co.
1924	SCHMITZ & Bowers C A Schmitz G F Bowers used cars	Los Angeles Directory Co.

1119 S BROADWAY

Year	Uses	Source
1962	Scott Johnnie Lee	Pacific Telephone

1120 S BROADWAY

Year	Uses	Source
1971	Continental Liquor Store	Pacific Telephone
1967	Continental Liquor Store	Pacific Telephone
1962	Continental Liquor Store	Pacific Telephone

1124 S BROADWAY

Year	Uses	Source
1929	WILLIAMS Noel E Della clk h	Los Angeles Directory Co.
1924	Swetman Jos V used cars	Los Angeles Directory Co.

1131 S BROADWAY

Year	Uses	Source
1933	Department of Agriculture Division of Weights and Measures Upholstered Furniture Bedding and Oil Inspection H M Zeiger supervising inspecter	Los Angeles Directory Co.
	Mc ALISTER Harold inv	Los Angeles Directory Co.
1929	COWLES PAUL R Cowles Organization Suite	Los Angeles Directory Co.
	COWLES ORGANIZATION Paul R Cowles Consulting Supervising and Construction Englneers Suite	Los Angeles Directory Co.
	CAMPBELL J P IRRIGATION CO Paul R Cowles Hazel Keith Campbell Overhead Irrigation Engineers and Construction	Los Angeles Directory Co.

FINDINGS

1133 S BROADWAY

Year	Uses	Source
1942	HARDY Mabel L Mrs cigars	Los Angeles Directory Co.
	Flournoy Gamble W Florence shoe shiner	Los Angeles Directory Co.
1937	Wasserman Jos O soft drinks	Los Angeles Directory Co.
	Tamns Edw shoe shiner	Los Angeles Directory Co.

1135 S BROADWAY

Year	Uses	Source
1929	BARNHART BANDY BARGER Chas A Barnhart Walter J Barnhart Arthur J Bandy hartley B Barger Oil Properties	Los Angeles Directory Co.

1136 S BROADWAY

Year	Uses	Source
1937	Samaha Abr Amelia auto park	Los Angeles Directory Co.

1137 S BROADWAY

Year	Uses	Source
1924	PRINCE Geo M r	Los Angeles Directory Co.

1138 S BROADWAY

Year	Uses	Source
2013	ANGAARA WHOLESALE	Cole Information Services
1981	FEIT ELECTRIC CO	Pacific Telephone
	EVERGLOW MANUFACTURING CO	Pacific Telephone
	EVERGLOW MFG CO	Pacific Telephone
1971	Kids World discount chldrns apprl	Pacific Telephone
1962	Batzli Electric Co	Pacific Telephone
1960	MCCARTHY REAL ESTATE MCCARTHY COMPANY THE	Pacific Telephone
	MCCARTHY CO THE RL EST MAIN OFC	Pacific Telephone
1958	MCCARTHY REAL ESTATE MCCARTHY CO THE	Pacific Telephone
1957	MCCARTHY REAL ESTATE MCCARTHY COMPANY THE	Pacific Telephone
	MC CARTHY COMPANY THE RL EST	Pacific Telephone
1956	MCCARTHY REAL ESTATE MC CARTHY COMPANY THE	Pacific Telephone
	MCCARTHY COMPANY THE RL EST	Pacific Telephone
1954	MCCARTHY REAL ESTATE MCCARTHY COMPANY THE	R. L. Polk & Co.
	IVICCARTHY COMPANY THE RL EST	R. L. Polk & Co.

Year	Uses	Source
1950	MCCARTHY COMPANY THE RL EST MAIN OFC	Pacific Telephone
	MCCARTHY COMPANY THE RL EST MAIN OFC	Pacific Telephone
	MCCARTHY COMPANY THE RL EST	Pacific Telephone
1937	WESTERN MORTGAGE CORPORATION Martin Christensen Pres Mortgages Investments and Insurance	Los Angeles Directory Co.
	Miller Conditionair Inc J H H Miller genl mgr	Los Angeles Directory Co.
	EMCEE CORPORATION Martin Christensen Pres William T Fulton Jr Sec Real Estate	Los Angeles Directory Co.
1933	Samaha A auto park	Los Angeles Directory Co.

1139 S BROADWAY

Year	Uses	Source
2008	INDIVIDUAL BENEFIT ACCOUNTS	Cole Information Services
1929	Eubanks Edw Frances shoe shiner	Los Angeles Directory Co.
	WILKINSON Robt L soft drinks	Los Angeles Directory Co.

1140 S BROADWAY

Year	Uses	Source
1929	Edelstein Saml auto park	Los Angeles Directory Co.
1924	Jolly Carl auto park	Los Angeles Directory Co.

1142 S BROADWAY

Year	Uses	Source
1924	GAGE Jos W used cars	Los Angeles Directory Co.

1144 S BROADWAY

Year	Uses	Source
2013	LUCKY INTERNATL TRADING	Cole Information Services
1971	West Coast Stationery & Printing Co	Pacific Telephone
1967	WEST COAST STATIONERY & PRINTING CO	Pacific Telephone
1962	WEST COAST STATIONERY & PRINTING CO	Pacific Telephone
1942	WEST Coast Stationery & Printing Co W F Lucas pres R B Carpenter treas Mrs M E Harvey sec	Los Angeles Directory Co.
1937	WEST Coast Stationery & Printing Co	Los Angeles Directory Co.
1933	WEST Coast Stationery & Printing Co J E Harvey pres W F Lucas v pres R B Carpenter sec treas	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	CLARKE John H Dorothy M supt West Coast Staty & Ptg Co	Los Angeles Directory Co.
	Loyal Knights of the Round Table E H Schenkel sec	Los Angeles Directory Co.
	WEST Coast Stationery & Printing Co E L Carter pres J E Harvey v pres R B Carpenter sec treas	Los Angeles Directory Co.
1924	TAYLOR Oliver auto park	Los Angeles Directory Co.

1146 S BROADWAY

Year	Uses	Source
1942	Plummer Henry B Faith auto park	Los Angeles Directory Co.
1937	Plummer Henry B Faith auto Park	Los Angeles Directory Co.
1929	PLUMMER Henry B Faith auto park	Los Angeles Directory Co.

1147 S BROADWAY

Year	Uses	Source
1942	SOUTHERN Pacific Co ticket offices	Los Angeles Directory Co.
1937	SOUTHERN Pacific Co ticket offices	Los Angeles Directory Co.
1933	SOUTHERN Pacific Co ticket office	Los Angeles Directory Co.

1148 S BROADWAY

Year	Uses	Source
1933	Plummer Harry B Faith E auto park	Los Angeles Directory Co.

1149 S BROADWAY

Year	Uses	Source
2008	CITY OF LOS ANGELES	Cole Information Services
	MAXICARE LIFE HEALTH INSUR	Cole Information Services
	MAXICARE	Cole Information Services
	J & B CARDS & GIFT SHOP	Cole Information Services
	PITNEY BOWES MANAGEMENT SERVICES	Cole Information Services
	TRANSAMERICA OCCIDENTAL LIFE	Cole Information Services
	WORLDCOM	Cole Information Services
1995	Transamerica Life Ins	Pacific Bell
	Transamerica Workers Compensation	Pacific Bell
	PROVIDENT CENTRAL CREDIT UNION	Pacific Bell
	TRANSAMERICA AUTO INS	Pacific Bell
	TRANSAMERICA COMMERCIAL INS	Pacific Bell
	TRANSAMERICA HOMEOWNERS INS	Pacific Bell
	TRANSAMERICA LIFE INS	Pacific Bell

FINDINGS

Year	Uses	Source
1995	TRANSAMERICA WORKERS COMPENSATION	Pacific Bell
	Provident Central Credit Union	Pacific Bell
	Transamerica Auto Ins	Pacific Bell
	Transamerica Commercial Ins	Pacific Bell
	Transamerica Homeowners Ins	Pacific Bell
	Transamerica Life Ins	Pacific Bell
	Transamerica Workers Compensation	Pacific Bell
	Provident Central Credit Union	Pacific Bell
	Transamerica Auto Ins	Pacific Bell
	Transamerica Commercial Ins	Pacific Bell
	Transamerica Homeowners Ins	Pacific Bell
1991	Provident Central Credit Union	Pacific Bell
	Provident Central Credit Union	Pacific Bell
	PROVIDENT CENTRAL CREDIT UNION	Pacific Bell
1990	COUNTRYWIDE LIFE INSURANCE CO	Pacific Bell
	J & B SMOKE & GIFT SHOP	Pacific Bell
	OCCIDENTAL CENTER	Pacific Bell
	OCCIDENTAL INTERNATIONAL ENTERPRISES	Pacific Bell
	OLYMPIC INS CO	Pacific Bell
	RIVERSIDE INSURANCE COMPANY	Pacific Bell
	SPARTAN INS CO	Pacific Bell
	TRANSAMERICA CORPORATION MANUFACTURING	Pacific Bell
	TRANSAMERICA FUND SALES INC	Pacific Bell
	TRANSAMERICA INFORMATION SERVICES	Pacific Bell
	TRANSAMERICA INSURANCE CORPORATION OF CALIFORNIA	Pacific Bell
	TRANSAMERICA LIFE INSURANCE & ANNUITY CO	Pacific Bell
	TRANSAMERICA MUTUAL FUND	Pacific Bell
	TRANSAMERICA REALTY INVESTORS	Pacific Bell
	TRANSAMERICA REALTY SERVICES	Pacific Bell
	VANIR-3DL CONST MNGMNT	Pacific Bell
	W E D INSURANCE AGENCY	Pacific Bell
	WESTERN 65 HEALTH INS ASSN	Pacific Bell
	WOLVERINE INSURANCE COMPANY	Pacific Bell
	YELLOW ROSE	Pacific Bell
1986	COUNTRYWIDE INSURANCE COMPANY	Pacific Bell

FINDINGS

Year	Uses	Source
1986	COUNTRYWIDE LIFE INSURANCE CO	Pacific Bell
	J & B SMOKE & GIFT SHOP	Pacific Bell
	OCCIDENTAL CENTER	Pacific Bell
	OLYMPIC INS CO	Pacific Bell
	RIVERSIDE INSURANCE COMPANY	Pacific Bell
	SPARTAN INS CO	Pacific Bell
	TRANSAMERICA CORPORATION OTHER	Pacific Bell
	TRANSAMERICA FINANCIAL CORPORATION	Pacific Bell
	TRANSAMERICA FUND SALES INC	Pacific Bell
	TRANSAMERICA INFORMATION SERVICES	Pacific Bell
	TRANSAMERICA INSURANCE CORPORATION OF CALIFORNIA	Pacific Bell
	TRANSAMERICA LIFE INSURANCE & ANNUITY CO	Pacific Bell
	TRANSAMERICA MUTUAL FUND	Pacific Bell
	TRANSAMERICA REALTY INVESTORS	Pacific Bell
	TRANSAMERICA REALTY SERVICES	Pacific Bell
	U S TELECOM	Pacific Bell
	UNINET INC	Pacific Bell
	W E D INSURANCE AGENCY	Pacific Bell
	WESTERN 65 HEALTH INS ASSN	Pacific Bell
	WOLVERINE INSURANCE COMPANY	Pacific Bell
1981	TANSPORTATION SERVICES OTHER	Pacific Telephone
	BUNDY ROBERT G JR AIA	Pacific Telephone
	COX JOHN L	Pacific Telephone
	BUNDY & ASSOCIATES	Pacific Telephone
	ROY W AIA	Pacific Telephone
	INFOREX	Pacific Telephone
	INFOREX	Pacific Telephone
	J & B SMOKE & GIFF SHOP	Pacific Telephone
	LUNDEN SAMUEL E FAIA	Pacific Telephone
	LYON ASSOCIATES	Pacific Telephone
	LYON FRANK E JR	Pacific Telephone
	POLL CHARLES	Pacific Telephone
1971	Josephs mens shop	Pacific Telephone

FINDINGS

1150 S BROADWAY

Year	Uses	Source
1962	Barker Clarence	Pacific Telephone
1933	TODD Harvey J pntr	Los Angeles Directory Co.

1151 S BROADWAY

Year	Uses	Source
1971	Broadway Building The	Pacific Telephone
1967	Broadway Building The	Pacific Telephone
	Commerce Beauty Shop	Pacific Telephone
	Hitt W C Co mfrs dgts	Pacific Telephone
	Ox Fibre Brush Co Inc	Pacific Telephone
	Prym Wm Inc	Pacific Telephone
1962	Arcade Coffee Shop	Pacific Telephone
	Beanfield R McC consltng engnr	Pacific Telephone
	Caruso Harry Harrys Barber Shop	Pacific Telephone
	Cohon Fllmnore H cgr stand	Pacific Telephone
	Commerce Beauty Shop	Pacific Telephone
	Drite Inc	Pacific Telephone
	East Texas Pulp & Paper Co	Pacific Telephone
	Fudge Mills Inc	Pacific Telephone
	Gummed Products Co	Pacific Telephone
	Harrys Barber Shop	Pacific Telephone
	Helm Lynn Jr Rosecrans W S Inc	Pacific Telephone
	Jacobs Edythe atty	Pacific Telephone
	Lewis M E CPA	Pacific Telephone
	Martin Cantine Co The papr	Pacific Telephone
	Marvellum Co The specialty paprs	Pacific Telephone
	Mc Farland G L Risse McFarland Schnoebelen attys	Pacific Telephone
	Mc Nitt Rollin L atty	Pacific Telephone
	Mc Williams Edw Derite Inc	Pacific Telephone
	Moroney T M White Glenn B & Associates	Pacific Telephone
	Nicolet Paper Corp	Pacific Telephone
	OCCIDENTAL LIFE INS CO OF California Home Ofc	Pacific Telephone
	Peninsular Paper Co	Pacific Telephone
	Phillips Rudolph A CPA	Pacific Telephone
	Poke About Shoppe	Pacific Telephone
	Risse A H Risse McFarland Schnoebelen attys	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	Risse McFarland & Schnoebelen attys	Pacific Telephone
	Riverside Paper Corp	Pacific Telephone
	Rosecrans W S Inc	Pacific Telephone
	Sack Ada L Poke About Shoppe	Pacific Telephone
	Schnobelen Michael Risse McFarland Schnoebelen attys	Pacific Telephone
	Scott Jos	Pacific Telephone
	Twombly C W atty	Pacific Telephone
	White Glenn B & Associates	Pacific Telephone
	Wylie & Davis mfrs agts	Pacific Telephone
1954	BRAINAID STEEL DIV SHARON STEEL CORP	R. L. Polk & Co.
1942	Aero Mayflower Transit Co L R Benson mgr	Los Angeles Directory Co.
	Aircraft Parts Mfrs Assn Jack Frost sec	Los Angeles Directory Co.
	Aircraft Schools Assn	Los Angeles Directory Co.
	Alber Rudolph H adv	Los Angeles Directory Co.
	AMERICAN Publishers Alliance O G Suelsu sec	Los Angeles Directory Co.
	Argentina Chamber of Commerce	Los Angeles Directory Co.
	Arizona Sweet Grape Fruit Growers Ltd	Los Angeles Directory Co.
	Armored Transport Inc G H Irvin mgr	Los Angeles Directory Co.
	Asano Bussan Co Junichi Iwakami mgr exporters	Los Angeles Directory Co.
	Associated Advertising Agency Inc P L Marveson pres	Los Angeles Directory Co.
	ASSOCIATED Farmers of Los Angeles County Inc	Los Angeles Directory Co.
	ASSOCIATED Hospital Service of Sou Cal R G Walker exec dir	Los Angeles Directory Co.
	ATKINS Kroll & Co F E Broakman mgr importers	Los Angeles Directory Co.
	BARKER Clifton A mfg chemist	Los Angeles Directory Co.
	BARTON Raymond L patent solr	Los Angeles Directory Co.
	Biddick Walter W Mildred adv	Los Angeles Directory Co.
	Blank Martin H statistician	Los Angeles Directory Co.
	BLOCK Paul & Associates K J Shull mgr	Los Angeles Directory Co.
	Bostelmann O R food broker	Los Angeles Directory Co.
	BOYCE Maynard Inc C N Parker pres Howard Lang v pres sec treas adv	Los Angeles Directory Co.
	Bread Institute Inc R F Callender pres	Los Angeles Directory Co.
	CALIFORNIA Congress of Parents & Teachers State Office	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	CALIFORNIA Dairy Council Gus Rothe asst mgr	Los Angeles Directory Co.
	CALIFORNIA Institute of Music and Arts	Los Angeles Directory Co.
	CALIFORNIA Parent Teacher Magazine Mrs L P Byars mgr editor	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO George H Page Mgr Los Angeles Agency	Los Angeles Directory Co.
	Calmar Steamship Corp Morgan Huntoon dist mgr	Los Angeles Directory Co.
	Catalyn California Co M R Pexton mgr food prods	Los Angeles Directory Co.
	Chamber of Commerce Building F L S Harman presgenl mgr	Los Angeles Directory Co.
	Chinese Consulate T K Chang consul	Los Angeles Directory Co.
	Clapp Frank Burnette publr	Los Angeles Directory Co.
	Clay Products Institute of Cal J J Stein mgr	Los Angeles Directory Co.
	Comptometer Co J M Flowers agt	Los Angeles Directory Co.
	Contracting Plasterers Assn of Los Angeles R W Stratford sec	Los Angeles Directory Co.
	CORBETT Josephine E notary	Los Angeles Directory Co.
	DAVIDSON Ray statistician	Los Angeles Directory Co.
	Dealers Protective Bureau E E Preston mgr collns	Los Angeles Directory Co.
	ENCYCLOPAEDIA BRITANNICA INC	Los Angeles Directory Co.
	EQUITABLE Petroleum Corp Hal Arnold pres	Los Angeles Directory Co.
	FEDERAL GOVERNMENT War Dept Reserve Officers Training Corps Col Herman Kobbe in chg	Los Angeles Directory Co.
	GILBERT ERLE T Alice Mgr Sunset Agency California Western States Life Insurance Co	Los Angeles Directory Co.
	Girl Scouts Loa Angeles Council Mrs S C Marriott dir	Los Angeles Directory Co.
	GLASS Richd food broker	Los Angeles Directory Co.
	A tchr pub Sch	Los Angeles Directory Co.
	GREATER Los Angeles Safety Council F C Lynch sec	Los Angeles Directory Co.
	Harris Kiech Foster & Harris Ford W Harris Clarence F Kiech Ward D Foster Ford Harris Jr Attorneys at Law	Los Angeles Directory Co.
	Hartmann Miner L pat atty	Los Angeles Directory Co.
	HAVIKEN MARTIN P Lois L Controller City Board of Education	Los Angeles Directory Co.
	Hill Albt M adv	Los Angeles Directory Co.

Year	Uses	Source
1942	HOME Owners League of California Mrs Stella Terrell sec	Los Angeles Directory Co.
	HOYT GUY M Mary Director Section ot Attendance and Employment of Minors City Board of Education	Los Angeles Directory Co.
	HUNT Robt W Co H T Hathaway dist mar management engr	Los Angeles Directory Co.
	HUNTER Thos A eng	Los Angeles Directory Co.
	JAPAN TOURIST BUREAU J Shoda Pacific Coast Representative Nobuo Matsumura Mgr	Los Angeles Directory Co.
	JAPANESE CONSULATE Kenji Nakauchl Consul Masafuml Nakamura Vice Consul Kenichiro Suga and Yazaemon Kamada Chancellors	Los Angeles Directory Co.
	Joachim Herman L Gertrude con eng	Los Angeles Directory Co.
	KERSEY VIERLING Supt of Schools City of Los Angeles	Los Angeles Directory Co.
	Kobbe Herman Col in chg military science and tactics City Bd of Educ	Los Angeles Directory Co.
	Lansdale Philip Cath adv	Los Angeles Directory Co.
	LAUGHLIN Russell D Eloise mfrs agt	Los Angeles Directory Co.
	LEONARD Jack P Margt lawyer	Los Angeles Directory Co.
	Adult Education E Manfred Evans Supervisor	Los Angeles Directory Co.
	Attendance and Employment of Minors Elementary and High Guy M Hoyt Director	Los Angeles Directory Co.
	Commercial Education John New Given asst Supervisor	Los Angeles Directory Co.
	Curriculum Secondary Wm B Brown Director	Los Angeles Directory Co.
	Education for Exceptional Children Jessie A Tritt Supervisor	Los Angeles Directory Co.
	Educational Housing IDr Frank O Evans supvr	Los Angeles Directory Co.
	Educational Research and Guidance Elementary and High Dr Eliz L Woods Supervisor	Los Angeles Directory Co.
	Health Service Elementary and High C M Sellery MD acting Director	Los Angeles Directory Co.
	Physical Education Elementary and High Clarence L Glenn	Los Angeles Directory Co.
	Special Assignments and Cafeteria Service Olin E Darby supvr	Los Angeles Directory Co.
	Reserve Officers Trainng Corps Col Herman Kobbe Supervisor	Los Angeles Directory Co.
	LOS ANGELES CITY GOVT & OFFICIALS Vocational and Practical Arts Elementsry and High Claude E Nihart Supervisor	Los Angeles Directory Co.
	LOS ANGELES COMUMUNITY CHEST Lynn D Mowat Sec Genl Mgr	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	LOS ANGELES COMMUNITY WELFARE FEDERATION Lynn D Mowat Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMERCE Clifford Rawson Sec Mgr Chamber of Commerce Bldg	Los Angeles Directory Co.
	LOS ANGELES Motor Car Dealers Assn Burt Roberts exec sec	Los Angeles Directory Co.
	LOS ANGELES Newspaper Publishers Assn D D Durr chairman	Los Angeles Directory Co.
	LOS ANGELES Tenth District California Congress of Parents & Teachers	Los Angeles Directory Co.
	LOS ANGELES Traffic Safety Service	Los Angeles Directory Co.
	Los Chicos Oil Co H M Perlman pres	Los Angeles Directory Co.
	Lyon Furniture Mercantile Agency J W Street Mgr	Los Angeles Directory Co.
	Manufacturers Advertising Service Paul Sauer R K Ruth	Los Angeles Directory Co.
	MERCHANTS & Manufacturers Assn employment div	Los Angeles Directory Co.
	Meskhi Gleboff G Prince exporter	Los Angeles Directory Co.
	MINER Dan B Susan E pres Dan B Miner C ofc	Los Angeles Directory Co.
	NATIONAL Retail Board of Trade Inc C E Rice pres collns	Los Angeles Directory Co.
	NICHOLSON Harold B genl contr	Los Angeles Directory Co.
	NICKEL Geo D loans	Los Angeles Directory Co.
	Oldham Robt P food broker	Los Angeles Directory Co.
	PACIFIC Geographic Society	Los Angeles Directory Co.
	PAGE GEORGE H Minnie A Mgr Los Angeles Agency California Western State Life Insurance Co	Los Angeles Directory Co.
	PAGE GERALD W Mgr Metropolitan Unit California Western States Life Insurance Co	Los Angeles Directory Co.
	PEARSON Robt D Genevieve patent solr	Los Angeles Directory Co.
	Philbrick Fredk B mita agt	Los Angeles Directory Co.
	Plume & Atwood Mfg Co D M Smith mgr brass founders	Los Angeles Directory Co.
	Probationary & Subsitute Teachers Organization	Los Angeles Directory Co.
	PROCTER & GAMBLE DISTRIBUTING CO THE F D Rager Mgr Soap Manufacturers	Los Angeles Directory Co.
	Public Health League of Sou Cal B H Read exec sec	Los Angeles Directory Co.
	PURCHASING AGENTS ASSOCIATION OF LOS ANGELES INC Arthur Baker Executive Sec Treas	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	Quintell Thos real est	Los Angeles Directory Co.
	RAYMOND Lawrence adv	Los Angeles Directory Co.
	REED & Romane H C Reed J B Romano importers	Los Angeles Directory Co.
	ROBERTS Glenn S lawyer	Los Angeles Directory Co.
	Roodhouse Hal R exporter	Los Angeles Directory Co.
	Rosecrans Carl F Estate W S Rosecrans mgr	Los Angeles Directory Co.
	Rosenheim Alf F Ruth R archt	Los Angeles Directory Co.
	Schlitz Distributing Co of Cal Donald Mc Grath mgr	Los Angeles Directory Co.
	SERVICE Record Publishing Co J C Me Clelland M V Smith E C Johnson	Los Angeles Directory Co.
	SHERIDAN Jas M Edna T lawyer	Los Angeles Directory Co.
	SHERMAN Harold E Frances dentist	Los Angeles Directory Co.
	SHOEMAKER Comly Esther S real est	Los Angeles Directory Co.
	SOUTHERN CALIFORNIA BUSINESS Published by Los Angeles Chamber of Commerce H M Baus Francis Woodworth Co Editors	Los Angeles Directory Co.
	SOUTHERN California Homes & Gardens J A Cox publr	Los Angeles Directory Co.
	SOUTHWESTERN PURCHASING AGENT Monthly Edition Arth Baker Editor Mgr	Los Angeles Directory Co.
	STATE GOVERNMENT California Horse Racing Board Jerry Giesler chairman W C Buchanan sec	Los Angeles Directory Co.
	STATE GOVERNMENT Division of Fire Safety J R Yockers dep state fire marshal	Los Angeles Directory Co.
	Stecher Traung Lithograph Corp B E Carter mgr	Los Angeles Directory Co.
	STEEL Union Inc Eugen Banzhaf pres Herbt Obersten Lehn sec O A Riley treas steel prod	Los Angeles Directory Co.
	STEVENS Alf W coml srtist	Los Angeles Directory Co.
	WALTERS Dudley W mailing serv	Los Angeles Directory Co.
	WARD Gertrude letter shop	Los Angeles Directory Co.
	WEAVER Sylvester L office	Los Angeles Directory Co.
	WEIS Geo F Kath J whol lbr	Los Angeles Directory Co.
	WESTERN Pacific Lumber Co W N Saari mgr whol	Los Angeles Directory Co.
	WHITE Louis H mfrs agt	Los Angeles Directory Co.
	Worth Harold H Irene office	Los Angeles Directory Co.
1937	Aero Mayflower Transit Co Inc L R Benson mgr	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	AFFILIATED CREDIT EXCHANGE H O Resar Pres Collections	Los Angeles Directory Co.
	ALBER Rudolph H adv	Los Angeles Directory Co.
	AMERICAN Institutions Inc Arth Clark mgr	Los Angeles Directory Co.
	Ancient Order United Workmen E T Lisle state agt	Los Angeles Directory Co.
	Asano Bussan Co J Iwakami mgr imptrs	Los Angeles Directory Co.
	Associated Advertising Agency Inc P O Narveson pres Emmet Tompkins v pres M Vivian sectreas	Los Angeles Directory Co.
	ASSOCIATED Farmers of Canifornia Sou Cal Branch	Los Angeles Directory Co.
	ASSOCIATED General Contractors F S Connolly mgr	Los Angeles Directory Co.
	ASSOCIATED Merchants of California	Los Angeles Directory Co.
	Babcock Loren W adv	Los Angeles Directory Co.
	BALLARD Julia B Mrs sten State Horse Racing Board	Los Angeles Directory Co.
	Ballard Julia B Mrs sten State Horse Racing Board	Los Angeles Directory Co.
	BARKER A S Ruth Cashier California Western States Life Insurance Co	Los Angeles Directory Co.
	BARTON Raymond L patent atty	Los Angeles Directory Co.
	Beanfield Rufus M Margt cons eng	Los Angeles Directory Co.
	BEEMAN John W Myra phys	Los Angeles Directory Co.
	BENNETT Walter L chiropractor	Los Angeles Directory Co.
	Bermel Frank Magdalena barber	Los Angeles Directory Co.
	BEYER Theo A bldg contr	Los Angeles Directory Co.
	Biddick Walter W Mildred V adv	Los Angeles Directory Co.
	Block Paul & Associates H G Wyman mer newspaper publishers reps	Los Angeles Directory Co.
	BRADY E Gale office	Los Angeles Directory Co.
	Brazilian Consulate Jas Sheridan v consul	Los Angeles Directory Co.
	Bread Institute Inc R F Callender exec sec bakers assn	Los Angeles Directory Co.
	BRENNAN John E office	Los Angeles Directory Co.
	Brich F W mfrs agt	Los Angeles Directory Co.
	BUCHANAN W C sec State Horse Racing Board	Los Angeles Directory Co.
	BUREAUS of Vocational Service emp agcy	Los Angeles Directory Co.
	Extension Bureau J C Hendricks mgr	Los Angeles Directory Co.
	C I T Corporation C H Thomas mgr	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	CALIFORNIA Congress of Parents & Teachers Los Angeles Tenth District	Los Angeles Directory Co.
	CALIFORNIA Dairy Council G H Rothe mgr	Los Angeles Directory Co.
	CALIFORNIA Guiding System Emil F Leypoldt mgr	Los Angeles Directory Co.
	CALIFORNIA Naval Militia First Regiment Headquarters	Los Angeles Directory Co.
	CALIFORNIA Parent Teacher Magazine	Los Angeles Directory Co.
	CALIFORNIA Quixet Co R H Anthony eng adv signs	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO A S Barker Cashier Southern California Branch George H Page Mgr Los Angeles Agency	Los Angeles Directory Co.
	Calmer Line Swayne & Hoyt agts	Los Angeles Directory Co.
	CANNON Geo E office	Los Angeles Directory Co.
	CHAMBER of Commerce Building	Los Angeles Directory Co.
	CHAPMAN E Rex acct	Los Angeles Directory Co.
	Chilean Consulate Arturo Rios consul	Los Angeles Directory Co.
	Chilean Nitrate Sales Corp E J Shaw mgr	Los Angeles Directory Co.
	Chinese Consulate Yi Seng Kiang v consul	Los Angeles Directory Co.
	CLAY Products Institute of Calif J J Stein exec sec	Los Angeles Directory Co.
	CLEMMONS Danl Jos A Samuela collections	Los Angeles Directory Co.
	Consulate of Cuba	Los Angeles Directory Co.
	CONTINENTAL Discount Corp N L Myers pres F M Moninger v pres	Los Angeles Directory Co.
	Contractors Plastering Assn D R Wadie sec	Los Angeles Directory Co.
	Corbet Josephine E wid H E pub sten	Los Angeles Directory Co.
	CORPORATION Personnel Agency R D La Vake Patricia La Vake emp agts	Los Angeles Directory Co.
	Cripe Harry E mfrs agt	Los Angeles Directory Co.
	DAVIDSON Ray adv	Los Angeles Directory Co.
	DAVIES Carl lmhr	Los Angeles Directory Co.
	Dealers Protective Bureau E E Preston mgr collections	Los Angeles Directory Co.
	Dunning Wm D Muriel lbr	Los Angeles Directory Co.
	ELDRIDGE Wm S genl contr	Los Angeles Directory Co.
	Electrical Development League of Southern Calif F L Hockensmith mgr	Los Angeles Directory Co.
	ENCYCLOPAEDIA BRITANNICA INC Harry Peters Manager	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	Export Corp Ltd Pedro Cezon Pres A R Dayton v pres E G Hawkins sec W K Ackley treas	Los Angeles Directory Co.
	Department of Commerce Bureau of Foreign and Domestic Commerce Walter Measday dist mgr	Los Angeles Directory Co.
	Naval Militia State of California Comdr L F Brown USNR regimental comdr Lieut W R Everitt comdr hdqtrs	Los Angeles Directory Co.
	War Dept Reserve Officers Training Corp Col John A Barry in charge	Los Angeles Directory Co.
	FELT & Tarrant Mfg Co mfrs Comptometer Adding and Calculating Machines John M Flowers dist mgr	Los Angeles Directory Co.
	Fenger Hall Co Ltd G D Close mgr newspaper reps	Los Angeles Directory Co.
	Food and Grocery Bureau of Sou Calif Carl M Grayaon sec	Los Angeles Directory Co.
	FOWLER WM H Supt of Exhibits L A Chamber of Commerce	Los Angeles Directory Co.
	Galleher B S lumber	Los Angeles Directory Co.
	Gamewell Co F B Philbrick mgr fire alarms	Los Angeles Directory Co.
	GILBERT ERLE T Alice Mgr Sunset Agency California Western States Life Insurance Co	Los Angeles Directory Co.
	GILMORE M H asst magnetic and seismological observer U U Coast and Geodetic Survey	Los Angeles Directory Co.
	Girl Scouts Los Angeles Council	Los Angeles Directory Co.
	Gulf Pacific Line Swayns & Hoyt Ltd agts	Los Angeles Directory Co.
	Gulf Pacific Mail Line Swayne & Hoyt agts	Los Angeles Directory Co.
	HAMMEL Bertle J USN	Los Angeles Directory Co.
	Harney Gerald B adv	Los Angeles Directory Co.
	HARRIS Ford W Eugenia M Patent Attorney	Los Angeles Directory Co.
	HARTMANN MINER L Patents Trade Marks Copyrights Consulting Chemical Engineering	Los Angeles Directory Co.
	HORI Tomokazu Consul of Japan	Los Angeles Directory Co.
	Hugg Ernest B draftsmn	Los Angeles Directory Co.
	Hungarian Consulate Francis Pallos consul	Los Angeles Directory Co.
	Hunt Robt W Co H T Hathaway mgr inspr engs	Los Angeles Directory Co.
	HUNTER Thos A elec eng	Los Angeles Directory Co.
	INTERNATIONAL Traders Service Lina L Hamilton J L Hebbert exporters	Los Angeles Directory Co.
	JAPAN TOURIST BUREAU J Kobayashi Manager M Y Inomata Pacific Coast Representative	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	JAPANESE Consulate	Los Angeles Directory Co.
	Kokusai Kisen Kaisha H N Ronner mgr	Los Angeles Directory Co.
	KRUEGER C G Co Chas G Krueger mgr steamship agts	Los Angeles Directory Co.
	Labarre Robt V eng	Los Angeles Directory Co.
	Lantz Corporation Ltd D C Lantz pres real est	Los Angeles Directory Co.
	LAWRENCE Favaret G adv agcy	Los Angeles Directory Co.
	LEONARD Jack P Margt N lawyer	Los Angeles Directory Co.
	LOS ANGELES CITY GOVT AND OFFICIALS The General Staff Executive Committee of the Major Disaster Emergency Council	Los Angeles Directory Co.
	Director of Budget Harry M Howell	Los Angeles Directory Co.
	Director of Library cnd Text Book Activities Burt W Reed	Los Angeles Directory Co.
	Director of Research Paul E Webb	Los Angeles Directory Co.
	Classes for Exceptional Children Jessie A Tritt supervisor	Los Angeles Directory Co.
	Curriculum Elementary Dr M Madelene Veverka drector	Los Angeles Directory Co.
	Curriculum Secondary W R Featherstone director	Los Angeles Directory Co.
	Educational Research Elementary and High Dr Eliz L Woods supervisor	Los Angeles Directory Co.
	Reserve Officers Trammg Corps Lt Col John A Barry supervisor	Los Angeles Directory Co.
	Vocational Education Elementary and High Claude E Nihart supervisor	Los Angeles Directory Co.
	Attendance and Employment of Minors Elementary and High Guy M Hoyt head coordinator	Los Angeles Directory Co.
	Health Elementary and High R S Lokrantz MD director	Los Angeles Directory Co.
	Special Assignmentas V P Maher director	Los Angeles Directory Co.
	LOS ANGELES COMMUNITY CHEST D C Mac Watters Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES COMMUNITY WELFARE FEDERATION D C Mac Watters Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMIERCE Clifford Rawson Sec Mgr Chamber of Commerce Bldg	Los Angeles Directory Co.
	LOS ANGELES Motor Car Dealers Assn Burt Roberts exec sec	Los Angeles Directory Co.
	LOS ANGELES Newsboys Club	Los Angeles Directory Co.
	LOS ANGELES Paint Varnish & Lacquer Assn G P Lamberton sec	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	LOS ANGELES Tenth District California Congress of Parents and Teachers Mrs E L Goddard pres	Los Angeles Directory Co.
	Lyon Furniture Mercantile Agency I H Walden Pac Coast mgr	Los Angeles Directory Co.
	Mac Neil Malcolm G lawyer	Los Angeles Directory Co.
	Major Disaster Emergency Council B E Rice dir of co ordination	Los Angeles Directory Co.
	Mc CLURE Ralph H mfrs agt	Los Angeles Directory Co.
	Milk Institute of Southern California C B Reifsteck exec sec	Los Angeles Directory Co.
	MINER Dan B Co Dan B Miner pres J C Morse v pres L L Johnston v pres Mrs M Grear v pres W F Hannaford sec Marie R Sweeney treas adv agcy	Los Angeles Directory Co.
	NEWTON Wells W lawyer	Los Angeles Directory Co.
	PACIFIC Coast Freight Assn P C Sinclair mgr	Los Angeles Directory Co.
	PACIFIC Coast Insurance Co A T Reynolds	Los Angeles Directory Co.
	PACIFIC Geographic Society Mrs M e Hughes mgr	Los Angeles Directory Co.
	PACIFIC Market Builders F G Swartz Lou Routh adv	Los Angeles Directory Co.
	PACIFIC Oil & Meal Co H E Emery pres	Los Angeles Directory Co.
	PACIFIC Rural Press F A Tutt mgr agricultural pub	Los Angeles Directory Co.
	PAGE GEORGE R Minnie A mgr Los Angeles Agency California Western States Life Insurance Co	Los Angeles Directory Co.
	PEARSON Robt D Genevieve patent atty	Los Angeles Directory Co.
	Peat Import Corp J C Plonsky rep	Los Angeles Directory Co.
	PROCTER & GAMBLE DISTRIBUTING CO THE F D Rager Mar Soap Manufacturers	Los Angeles Directory Co.
	PRUDENTIAL Insurance Co of America A B Altenhach supt	Los Angeles Directory Co.
	Public Health League of Calf B H Read exec sec	Los Angeles Directory Co.
	PURCHASING AGENTS ASSOCIATION OF LOS ANGELES INC Arthur Baker Executlve Sec	Los Angeles Directory Co.
	Raclin H L Inc Geo P Martin mgr brokers	Los Angeles Directory Co.
	Radio Central Casting Bureau Helyn E Nord mgr	Los Angeles Directory Co.
	REAVIS HARRY C Pres Affiliated Credit Exchange	Los Angeles Directory Co.
	Rebeil Paul W office	Los Angeles Directory Co.
	ROBERTS Glenn S lawyer	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	ROBERTS John F Mary adv agcy	Los Angeles Directory Co.
	Rosecrans Carl F Estate	Los Angeles Directory Co.
	Rosecrans Wm S office	Los Angeles Directory Co.
	Rosenfield Louis Estelle mgr Motor List Co	Los Angeles Directory Co.
	Rosenheim All F Ruth archt	Los Angeles Directory Co.
	Seroy Wm J mfrs agt	Los Angeles Directory Co.
	Servel Inc	Los Angeles Directory Co.
	Shelby Peter P genl contr	Los Angeles Directory Co.
	SHERIDAN Jas M Edna T lawyer and v conaul of Brazil	Los Angeles Directory Co.
	SHERMAN Harold E denist	Los Angeles Directory Co.
	SMITH Reuben R Hilda cons eng	Los Angeles Directory Co.
	SMITH T Tyler Ethel adv agcy	Los Angeles Directory Co.
	SOUTHERN CALIFORNIA BUSINESS Published by Los Angeles Chamber of Commerce	Los Angeles Directory Co.
	SOUTHWESTERN Purchasing Agent Arthur Baker editor	Los Angeles Directory Co.
	STATE GOVERNMENT California Horse Racing Board	Los Angeles Directory Co.
	Stecher Traung Lithograph Co B E Carter mgr	Los Angeles Directory Co.
	STEEL Union Inc E Banzhaf pres Herbt Oberste Lehn sec treas steel products	Los Angeles Directory Co.
	STEVENSON Jordon & Harrison H H Worth mgr engs	Los Angeles Directory Co.
	Stoll G C & Son G C and W C machy dlrs	Los Angeles Directory Co.
	Sturgis J Rice Jerrine restr	Los Angeles Directory Co.
	SWAYNE & Hoyt Ltd Morgan Huntoon genl agt steamship agts	Los Angeles Directory Co.
	Traffic Safety Service Inc H A Abbott pras treas J W Wilcox v pres Mrs Agnes Tuttle sec traffic education	Los Angeles Directory Co.
	ULRICH Franklin P associate magnetic and seismological observer in chg U S Coast and Geodetic Survey	Los Angeles Directory Co.
	WARD Gertrude letter shop	Los Angeles Directory Co.
	WEAVER Sylvester L Amabel office	Los Angeles Directory Co.
	Weekly Business News J C Hendricks mgr	Los Angeles Directory Co.
	Weis Geo F Kath J lbr	Los Angeles Directory Co.
	Wollner F P office	Los Angeles Directory Co.
	WRIGHT S Leslie acct	Los Angeles Directory Co.
1933	Advertising Club of Los Angeles E E Olson mng dir	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	ALBERT Jas M eng	Los Angeles Directory Co.
	Alliance Engineers Inc C L Weeks pres Ray Howard v pres R M Weeks sec treas	Los Angeles Directory Co.
	ALTON CO THE Frank M Alton Real Estate Loans Insurance	Los Angeles Directory Co.
	ANDERSON Chas patent atty	Los Angeles Directory Co.
	ANDERSON Chas patent atty	Los Angeles Directory Co.
	Asano Busaan Co S Assno pras J Iwakani mgr exporters	Los Angeles Directory Co.
	BARTON Raymond L patent atty	Los Angeles Directory Co.
	BEALL Harry H Betty adv	Los Angeles Directory Co.
	BENNETT Walter L chiropractor	Los Angeles Directory Co.
	Beucher Harry S optomerist	Los Angeles Directory Co.
	Bibb Allie H mfrs agt	Los Angeles Directory Co.
	Biddick Walter W Mildred adv agt	Los Angeles Directory Co.
	Block Paull and Associates Fredk Wagner v pres mgr adv reps	Los Angeles Directory Co.
	Bookstaver Burns Lumber Co B W Bookstaver v pres L G Burns sec treas	Los Angeles Directory Co.
	Bookstaver Burns pres L G Burns sec treas	Los Angeles Directory Co.
	Boone Rodney E Organization T C Hoffmyer rep adv	Los Angeles Directory Co.
	BUILDERS Material Dealers Board of Trade Martin Goldman mgr	Los Angeles Directory Co.
	BUILDING TRADES ASSURANCE CORP	Los Angeles Directory Co.
	Business Extension Bureau F K Hames mgr	Los Angeles Directory Co.
	Business Mens Art Club of Los Angeles	Los Angeles Directory Co.
	C I T Corp Earl B Tibbala mgr	Los Angeles Directory Co.
	CALHOUN John D optom	Los Angeles Directory Co.
	CALIFORNIA Dairy Council Jay Dutter son rep	Los Angeles Directory Co.
	CALIFORNIA Exporting Co H J Reid mgr	Los Angeles Directory Co.
	CALIFORNIA Soil Improvement Commitee G P Gray dir Grace A Lawrence sec	Los Angeles Directory Co.
	CALIFORNIA State Church Federation F M Larkin exec sec	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO Southern California Branch John A Mason Cashier Los Angeles Agency George H Page Agency Mgr	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO Erle T Gilbert Mgr Sunset Agency	Los Angeles Directory Co.
	CAMPBELL Ewald Co W S Wood mgr adv	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	CAMPBELL Wm T coml artist	Los Angeles Directory Co.
	Chamber of Commerce Building	Los Angeles Directory Co.
	CHAMBERLIN Steamship Co J J Rea dist mgr	Los Angeles Directory Co.
	CHAMBERLIN W R & Co W R Chamberlin mgr whol lmbr	Los Angeles Directory Co.
	CHURCH Federation of Los Angeles J A Eby sec Clara B Homer asst sec	Los Angeles Directory Co.
	Citizens Mutual Life Insurance Assn Eug Webb jr pres Richd Mathews v pres J N Parker sec treas	Los Angeles Directory Co.
	CITIZENS Preparedness Committee on Major Disasters B E Rice dir	Los Angeles Directory Co.
	CITIZENS Public School Committee S L Kreider exec sec	Los Angeles Directory Co.
	CLAY Products Institute of California N W Kelch sec mgr	Los Angeles Directory Co.
	COLORADO Fuel & Iron Products Co B C Harmon dist sls mgr	Los Angeles Directory Co.
	Cnonstrutive Mutual Life Assn F Elmer Benoist pres G G Benoist sec	Los Angeles Directory Co.
	CONTINENTAL Discount Corp Norman L Myers pres	Los Angeles Directory Co.
	Contracting Plasterers Assn of L A D R Wadle sec	Los Angeles Directory Co.
	Corbet Josephine E pub sten	Los Angeles Directory Co.
	Cripe Harry E mfrs agt	Los Angeles Directory Co.
	Danziger Jay M lawyer	Los Angeles Directory Co.
	DEARING Benj H	Los Angeles Directory Co.
	De Barros Armando F consul Brazil	Los Angeles Directory Co.
	DECKER Jack Cath mfrs agt	Los Angeles Directory Co.
	de Jong Duris Dorcas importer	Los Angeles Directory Co.
	DICKSON Beecher J Eleanor D ins	Los Angeles Directory Co.
	EAGLE SIGNAL CO F B Philbrick District Sales Mgr	Los Angeles Directory Co.
	War Dept Reserve Officers Training Corns Lt Col John Moudaet in charge	Los Angeles Directory Co.
	Federated Church Brotherhoods of Calif H M Pierce pres O R Benedict v pres J R Carmichael sec Chas H Johnston treas	Los Angeles Directory Co.
	Federated Church Brotherhoods of L A County A R Taylor pres Ira A Lee v pres J R Williams sec H Z Cary treas	Los Angeles Directory Co.
	FELT & Terrant Mfg Co J M Flowers agt adding mach	Los Angeles Directory Co.
	Fenger Hall Co Ltd G D Close rep publrs rep	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	Furniture Manufacturers Assn Inc A V Mac Donald sec	Los Angeles Directory Co.
	GAMBLE Bert E Natalie A real est	Los Angeles Directory Co.
	GAMEWELL CO THE F B Philbrick District Sales Manager Fire and Police Alarms	Los Angeles Directory Co.
	Gandara J Antonio Lenore v consul Ecuador	Los Angeles Directory Co.
	Girl Scouts Los Angeles Council Edith W Swarts dir	Los Angeles Directory Co.
	GOLDEN Bear Mutual Benefit Assn Frank Witherill pres K P Clark sec	Los Angeles Directory Co.
	GOLDMAN Harry A lawyer	Los Angeles Directory Co.
	GRAF Max Gertrud chancellor Consulate of Switzerland	Los Angeles Directory Co.
	Great Southwest Realty Development Corp Mrs Blanche Dennison pres G Baker sec	Los Angeles Directory Co.
	GROSSMAN Wm A Rebecca acct	Los Angeles Directory Co.
	HANCOCK John Mutual Life Ins Co of Boston S L Freeman dist mgr	Los Angeles Directory Co.
	Harney Gerald B Isabel C adv	Los Angeles Directory Co.
	Harp Chas B Ethel genl contr	Los Angeles Directory Co.
	HARRIS FORD W Eugenia M Patent Attorney	Los Angeles Directory Co.
	Hartmann Miner L patent atty	Los Angeles Directory Co.
	HILL Geo A lighting equip	Los Angeles Directory Co.
	HOLMES Eug A lawyer	Los Angeles Directory Co.
	HOYT GUY M Head Coordinator Div of Attendance and Employment of Minors City Board of Education	Los Angeles Directory Co.
	Hungarian Consular Agcy Francis Proiszl dep consul	Los Angeles Directory Co.
	INTERNATIONAL Appraisal Assn Elmer F Good Pres	Los Angeles Directory Co.
	JAPANESE CONSULATE T Satow Consul K Ozawa Vice Consul H Nomura H Sekl and K Kageyama Chancellors	Los Angeles Directory Co.
	JONES Roscoe C inv	Los Angeles Directory Co.
	Kageyama Kazuo Isaka chancellor Japan	Los Angeles Directory Co.
	KAPP Glasby & Co W M Glasby	Los Angeles Directory Co.
	KRUEGER Co Inc C G Krueger pres steamship agts	Los Angeles Directory Co.
	Lantz Syndicate D C Lantz pres finance	Los Angeles Directory Co.
	La Vake Calculating Co Patricia La Vake mgr	Los Angeles Directory Co.
	LAWRENCE Robt B mfrs agt	Los Angeles Directory Co.
	LEONARD Jack P Margt M lawyer	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	Letter Shop The Gertrude Ward user adv agcy	Los Angeles Directory Co.
	LORD & Thomas Don Francisco v pres genl mgr adv	Los Angeles Directory Co.
	Course of Study Elementry Dr M Madilene Veverka director	Los Angeles Directory Co.
	Educational Research Elementary and High Dr Eliz L Woods supervisor	Los Angeles Directory Co.
	Vocational Education Elementary and High W S Kienholz supervisor	Los Angeles Directory Co.
	Attendance and Employment of Minors Elementary and High Guy M Hoyt head coordinator	Los Angeles Directory Co.
	Health Elementary and High S R Lokrantz M D director	Los Angeles Directory Co.
	Student Body Finance Elementary and High V P Maher director	Los Angeles Directory Co.
	LOS ANGELES COMMUNITY WELFARE FEDERATION D C Mac Watters Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMERCE Clifford Rawson Sec Mgr Chamber of Commerce Bldg	Los Angeles Directory Co.
	LOS ANGELES Motor Car Dealers Assn Burt Roberts sec	Los Angeles Directory Co.
	LOS ANGELES Paint Oil and Varnish Club G E Cannon sec	Los Angeles Directory Co.
	LOS ANGELES Paper Box Mfrs Assn	Los Angeles Directory Co.
	LOS ANGELES Tenth District California Congress of Parents And Teachers Jessie M Hoge exec sec	Los Angeles Directory Co.
	Lovell Philip M Leah phys	Los Angeles Directory Co.
	LYON Furniture Mercantile Agency I H Walden mgr	Los Angeles Directory Co.
	LYONS Herbt real est	Los Angeles Directory Co.
	Mc Graw Hill Co H C Rowell mgr publrs reps	Los Angeles Directory Co.
	Methodist Episcopal Church Headquarters Rev J L Gillies dist supt	Los Angeles Directory Co.
	MILES Chas K Bernice ins	Los Angeles Directory Co.
	Millinery Mfrs & Jobbers Assn of L A E A Holmes sec	Los Angeles Directory Co.
	MONTGOMERY Ross archt	Los Angeles Directory Co.
	Mooser Wm archt	Los Angeles Directory Co.
	MORRILL Austin W entomologist	Los Angeles Directory Co.
	NATIONAL RETAIL BOARD OF TRADE INC C E Rice Pres Collections	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	NELSON Steamship Co T G Widmeyre genl agt	Los Angeles Directory Co.
	Newspaper Service Bureau A J Yaguda mgr publrs repr	Los Angeles Directory Co.
	Nomura H chancellor Japan	Los Angeles Directory Co.
	Nourse Chas O Eliz inv	Los Angeles Directory Co.
	Odine Products Inc C B Hurtt mgr fertilizer	Los Angeles Directory Co.
	Organization Builders Employment Agency	Los Angeles Directory Co.
	Outdoor Advertising Inc J A Brogdon mgr	Los Angeles Directory Co.
	Ozawa K v consul Japan	Los Angeles Directory Co.
	PACIFIC Coast Products League Geo J Gowan sec treas	Los Angeles Directory Co.
	PACIFIC Geographic Society The C P Palmer mgr dir	Los Angeles Directory Co.
	PACIFIC Southwest Creditors Assn Joe A Clemmons genl mgr	Los Angeles Directory Co.
	PEARSON Robt D patent atty	Los Angeles Directory Co.
	Peddlie Frank inv	Los Angeles Directory Co.
	Personal Adjustment Service R R Cullen vocational Counselors	Los Angeles Directory Co.
	Preston Ernest E adj	Los Angeles Directory Co.
	PROCTOR & Gamble Distributing Co F D Rager mgr soap mfrs	Los Angeles Directory Co.
	Proiszl Francis dep consular agt Hungary	Los Angeles Directory Co.
	Purchasing Agents Assn of Los Angeles Arth Baker sec	Los Angeles Directory Co.
	REID Harry J translator	Los Angeles Directory Co.
	RIOS Arturo Rachel consul Chili	Los Angeles Directory Co.
	Satow Toshito consnl Japan	Los Angeles Directory Co.
	Schraders A Son Inc John Hoerger Pac Coast mgr valve mfrs	Los Angeles Directory Co.
	Security Circulation Co C A Ramsey mgr adv	Los Angeles Directory Co.
	Seki H chancellor Japan	Los Angeles Directory Co.
	Shannon Geo shoe shiner	Los Angeles Directory Co.
	Sheridan Jas M Edna lawyer	Los Angeles Directory Co.
	Shibusaki Michael v counsul Japan	Los Angeles Directory Co.
	Shore Acres Country Club J M Danziger pres	Los Angeles Directory Co.
	SLAGLE R W mfrs agt	Los Angeles Directory Co.
	Smart Allen R & Co C R While mgr accts	Los Angeles Directory Co.
	SMITH Roscoe N mining eng	Los Angeles Directory Co.
	SOUTHERN CALIFORNIA ANNUAL CONFERENCE OF THE METHODIST EPISCOPAL CHURCH A Ray Moore Treas	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	SOUTHERN CALIFORNIA BUSINESS Published by Los Angeles Chamber of Commerce	Los Angeles Directory Co.
	SOUTHERN California Canners Assn C A Winkler sec	Los Angeles Directory Co.
	SOUTHERN California Plaster D R Wadle mgr	Los Angeles Directory Co.
	SOUTHWESTERN Pusrchasing Agent Arth Baker editor mgr	Los Angeles Directory Co.
	STEEL Furniture Mfg Co S F Butts mgr	Los Angeles Directory Co.
	STEEL Inc T W Simmons pres	Los Angeles Directory Co.
	STOLL G C & Son G C and W C mfrs agts	Los Angeles Directory Co.
	SWAYNE & Hovt Ltd W R Lych genl agt steamship agts	Los Angeles Directory Co.
	SWITZERLAND	Los Angeles Directory Co.
	Teasley Wm H Mary acct	Los Angeles Directory Co.
	Tesche Wm C publr rep	Los Angeles Directory Co.
	Thiess Robt H Nell pub rep	Los Angeles Directory Co.
	Tire Dealers Assn of Sou Cal B H Read sec	Los Angeles Directory Co.
	Toyoda Kaorun v consul Japan	Los Angeles Directory Co.
	Traung Label & Lithograph Co L P Blank mgr	Los Angeles Directory Co.
	Tuna Canners Institute Roscoe Hopkins mgr	Los Angeles Directory Co.
	United Church Women of Los Angeles	Los Angeles Directory Co.
	UNITY Mutual Life & Accident Ins Co A G Mc Kinnon pres	Los Angeles Directory Co.
	WALTON School of Commerce Franklin P Steel registrar	Los Angeles Directory Co.
	Wartenweiler Otto Mary Consul Switzerland	Los Angeles Directory Co.
	Weingartner W chaneclor Switzerland	Los Angeles Directory Co.
	WESTERN Cattle Marketing Assn W F Krueger slsmer	Los Angeles Directory Co.
	WESTERN Clay & Metals Co H K Burch pres filtering clay	Los Angeles Directory Co.
	Wutt Geo A real est	Los Angeles Directory Co.
	YORK Ralph E office	Los Angeles Directory Co.
1929	AITKEN DAISY Public Accountant Bookkeeping and Secretarial Bookkeeping Auditing	Los Angeles Directory Co.
	ALL YEAR CLUB OF SOUTHERN CALIFORNIA THE A Non Profit Organization to Promote Year Round Tourist Business for all Southern California Through National Advertising Frank P	Los Angeles Directory Co.
	All Year Club of Southern California C G Milbam sec	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	AMERICAN College Society Inc F G Quinn pres treas A E Mc Manus v pres E A Fridley sec	Los Angeles Directory Co.
	AMERICAN Historical Research Dept of L A City Schools W S Hertzog dir	Los Angeles Directory Co.
	AMERICAN Tag Co T M Cooper mgr	Los Angeles Directory Co.
	Angel City Investment Co Ed Weiss pres H A Goldman sec treas and mgr	Los Angeles Directory Co.
	ANTI SALON LEAGUE California Samuel T Montgomery Supt	Los Angeles Directory Co.
	Army Navy Marine Corp Assn Lient Col H S Keves sec D J Ruff asst sec	Los Angeles Directory Co.
	Baillif A Rene Susana imptr	Los Angeles Directory Co.
	BARNES Bert E Edith adv	Los Angeles Directory Co.
	BARRY Oil Assn J W Henderson nigr	Los Angeles Directory Co.
	BASICH BROTHERS CONSTRUCTION CO Risto L Basich pres Nikola L Basich v pres J S Smith sec treas Paving Sewer Storm Drain and General Contractors	Los Angeles Directory Co.
	Beere Harold P Florence ins	Los Angeles Directory Co.
	BENNETT Walter L Maude M chiro	Los Angeles Directory Co.
	BEUCHER Harry S optom	Los Angeles Directory Co.
	Biddick Walter W Mildred V adv mgr	Los Angeles Directory Co.
	BOARD of Education of the M E Church Schools and Epworth League Rev J L Corley dlr	Los Angeles Directory Co.
	Bookstaver Burns Lumber Co B W Bookstaver L G Burns whol lmbr	Los Angeles Directory Co.
	Brick Masons Contractors Assn D T OBrien sec	Los Angeles Directory Co.
	Brockmann Ray P layer	Los Angeles Directory Co.
	Budd Wm E A Gunda patent atty	Los Angeles Directory Co.
	BURCH H Kenyon Grace cons eng	Los Angeles Directory Co.
	BURNS Arth W loans	Los Angeles Directory Co.
	Bushnell Herbt H Minnie adv	Los Angeles Directory Co.
	CALIFORNIA Anti Saloon League S T Montgomery supt	Los Angeles Directory Co.
	CALIFORNIA Dairy Council Jay Dutter rep	Los Angeles Directory Co.
	CALIFORNIA Soil & Improvement Committee Horace Dunbar mng dir	Los Angeles Directory Co.
	CALIFORNIA State Church Federation Rev F M Larkin exec sec	Los Angeles Directory Co.
	CAMPBELL Ewald Co W S Wood mgr adv	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	CENTRAL California Mutual Life & Benefit Assn F A Anderson Graton Cal pres R S Smith sec	Los Angeles Directory Co.
	CHAMBER of Commerce Building	Los Angeles Directory Co.
	Citizens Committee on Parks Playgrounds and Beaches H R Pomeroy exec sec	Los Angeles Directory Co.
	CITY Missionary Society A D Davis field sec	Los Angeles Directory Co.
	Civic Bureau of Music and Art of Los Angeles Antoinette Sabel sec	Los Angeles Directory Co.
	COMMUNITY WELFARE FEDERATION OF LOS ANGELES INC Walter L Thornton Sec and Gen Mgr	Los Angeles Directory Co.
	COMMUNITY Welfare Federation of Los Angeles Research Div F Leslie Smith asst dlr	Los Angeles Directory Co.
	COMPTOMETER ADDING & CALCULATING MACHINES John M Flowers Agt	Los Angeles Directory Co.
	Concord Oil Co Albt Worthington sec	Los Angeles Directory Co.
	Contracting Plasterers Assn of Southern California D R Wadle sec	Los Angeles Directory Co.
	COOPER Thos M mfrs agt	Los Angeles Directory Co.
	CRAVEN Properties Inc J M Craven pres	Los Angeles Directory Co.
	Cripe Harry E Emily mfrs agt	Los Angeles Directory Co.
	Davelle Intestinal Baths C S Benson N P Roe	Los Angeles Directory Co.
	Dexter Supply Co Walter Biddick mgr radio supplies	Los Angeles Directory Co.
	DIXON Thos J Ruth C pres Home Owners Finance Corp lawyer	Los Angeles Directory Co.
	DORSEY SUSAN M MRS Supt of City Schools	Los Angeles Directory Co.
	Durotile Co Martin and H A Goldman Bernard Minsky imptrs	Los Angeles Directory Co.
	EAGLE Lumber Co H A Smith mgr lmbr whol	Los Angeles Directory Co.
	Electrical Contractors & Dealers Assn	Los Angeles Directory Co.
	Export Service Bureau Inc Mrs Christina Du Pressis sec	Los Angeles Directory Co.
	Falkenrath Rudolph jr archt	Los Angeles Directory Co.
	FEDERAL GOVERNMENT Army Organized Reserves Col Ceo F Hamilton Co ordinating officer	Los Angeles Directory Co.
	Felt & Tarrant mfg Co J M Flowers gen agt adding mach	Los Angeles Directory Co.
	FISHER Claude Co Claude Fisher gen contr	Los Angeles Directory Co.
	FORD R M inv	Los Angeles Directory Co.
	Furniture Manufacturers Assn A V Mac Donald sec	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	GENERAL Securities Corp J T Rowntree pres F H Thomas v pres G C De Garmo v pres D H Jones treas F P Southworth sec	Los Angeles Directory Co.
	GILBERT & Stengel M M Gilbert A L Stengel real est	Los Angeles Directory Co.
	Goldman Finance Co Martin and H A Goldman	Los Angeles Directory Co.
	GORE Frank produce	Los Angeles Directory Co.
	HALL Fred L Co Inc G D Close mgr publrs rep	Los Angeles Directory Co.
	HANCOCK John Mutual Life Ins Co of Boston S L Freeman sunt	Los Angeles Directory Co.
	HARP CHAS B Ethel Contractor and Builder Industrial Buildings	Los Angeles Directory Co.
	HARRIS FORD W Eugenia M Patent Attorney	Los Angeles Directory Co.
	HATTON David M Nellie imptr	Los Angeles Directory Co.
	HILL Geo Q mfrs agt	Los Angeles Directory Co.
	HOBBS Wall & Co A V Donovan dist mgr lmbr whoe	Los Angeles Directory Co.
	HOLMES Eug A Lillian lawyer	Los Angeles Directory Co.
	HOME GUARANTY CORPORATION Roy E Cook Pres B M Eskridge V Pres W D Spruance V Pres and Mgr Alice E Burton Treas Real Estate Insurance Financing	Los Angeles Directory Co.
	HOME OWNERS FINANCE CORPORATION Thos J Dixon Pres Norman Sullivan Sec Treas Financing of Home Improvements Home Building General Construction Heating and Ventilating Pain	Los Angeles Directory Co.
	Honeycutt B F publrs agt	Los Angeles Directory Co.
	HOULIHAN Jas Inc R G Landis local mgr adv	Los Angeles Directory Co.
	Jystad Julius clk	Los Angeles Directory Co.
	Kaaba M & M Corp W E Little pres mining	Los Angeles Directory Co.
	Karpe Karle adv	Los Angeles Directory Co.
	KING Helen W Mrs adv agt	Los Angeles Directory Co.
	L C N Co Inc L C Norton pres W D Putnam v pres G A Howard sec hdw specialties	Los Angeles Directory Co.
	LANGE Henry B industrial eng	Los Angeles Directory Co.
	Lasure Harry A Faye mfrs agt	Los Angeles Directory Co.
	LETTER SHOP THE Gertrude Ward Mgr Multigraphing Addressing Malling Direct Mail Advertising	Los Angeles Directory Co.
	Lindaero Club Inc Louis De Jean pres	Los Angeles Directory Co.
	LITTLE Chas adv	Los Angeles Directory Co.
	LORD & THOMAS AND LOGAN Don Francisco V Pres and Gen Mgr Advertising	Los Angeles Directory Co.

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Year	Uses	Source
1929	LOS ANGELES BRICK EXCHANGE Lee S Collins Mgr	Los Angeles Directory Co.
	LOS ANGELES Chamber of Commerce Building Corp F L S Harman asst sec	Los Angeles Directory Co.
	Library Elementary Schools W H Housh	Los Angeles Directory Co.
	LOS ANGELES District California Congress of Parents and Teachers Mrs W E Taylor rec sec	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMERCE Clifford Rawson Sec Mgr	Los Angeles Directory Co.
	LOS ANGELES Missionary and Church Extension Society of the M E Church Rev L T Guild field sec	Los Angeles Directory Co.
	LOS ANGELES Motor Car Dealers Assn Burt Roberts exec sec	Los Angeles Directory Co.
	LOS ANGELES Paint Oil & Varnish Club G E Cannon sec treas	Los Angeles Directory Co.
	LOS ANGELES Pageon Club R M Hoover sec	Los Angeles Directory Co.
	LOS ANGELES Sector Assn of the Army of the United States Geo F Hamilton sec	Los Angeles Directory Co.
	Lovell David R Fern naturopath	Los Angeles Directory Co.
	Lovell Philip M Leah naturopath	Los Angeles Directory Co.
	LYON FURNITURE MERCANTILE AGENCY I H Walden Pacific Coast Mgr	Los Angeles Directory Co.
	Lyons Edgar P acct	Los Angeles Directory Co.
	Mc Call Bros J W T D and Mitchell Mc Cal real est	Los Angeles Directory Co.
	Mc CLELLAND John C Marie mfrs agt	Los Angeles Directory Co.
	Mammoth Mountain Mining Co G W Russell mgr	Los Angeles Directory Co.
	METROPOLITAN Life Ins Co A S E Kinsey mgr	Los Angeles Directory Co.
	Missionary Education Movement Rev H F Burr pres	Los Angeles Directory Co.
	Musser Ralph J Ida P mfrs agt	Los Angeles Directory Co.
	NATHAN Edw N Ruth adv	Los Angeles Directory Co.
	NATIONAL Retail Board of Trade Inc C E Rice pres	Los Angeles Directory Co.
	Nunn Arth E Acct	Los Angeles Directory Co.
	OIL BULLETIN Edwin Higgins Managing Editor Published by Chamber of Mines and Oil	Los Angeles Directory Co.
	Organizntion Builders Employment Agcy J F S DAule R I West	Los Angeles Directory Co.
	paramino Lumber Co C F Berry mgr whol lmbr	Los Angeles Directory Co.

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Year	Uses	Source
1929	Paramino Eug Teresa billiards	Los Angeles Directory Co.
	Parent Scott editor	Los Angeles Directory Co.
	PARKER Pencil Co Claude Parker F C Huber	Los Angeles Directory Co.
	Pathfinder Tours J E Donaldson J C Worley mgr	Los Angeles Directory Co.
	PATTERSON Henry M Jeannette archt	Los Angeles Directory Co.
	PEARSON Robt D Genevieve patent lawyer	Los Angeles Directory Co.
	Pedelie Frank Jennie real est	Los Angeles Directory Co.
	PERCY Steph H Grace office	Los Angeles Directory Co.
	PIONEER Trading Co Inc Edw Becks mgr imptrs	Los Angeles Directory Co.
	PORTER Robt Lillian bus consultant	Los Angeles Directory Co.
	PRESTON Erest E Forrestina collection agcy	Los Angeles Directory Co.
	Purchasing Agents Assn of L A Inc H W Bruce sec	Los Angeles Directory Co.
	RAGAN Rex Helena acct	Los Angeles Directory Co.
	RAINS Paul B Clara publrs agts	Los Angeles Directory Co.
	Reserve Officers Assn of United States Los Angeles chapter K W Marks sec	Los Angeles Directory Co.
	ROGERS Chas E Millie E finance	Los Angeles Directory Co.
	Rosenheim Alfd F archt	Los Angeles Directory Co.
	Rubidoux Land & Water Co H A Goldman mgr	Los Angeles Directory Co.
	Scheel Karl H archt designer	Los Angeles Directory Co.
	Schraders A Son Inc of Cal John Hoerger Pacific Coast mgr valve mfrs	Los Angeles Directory Co.
	SHERIDAN Phil Madeline adv	Los Angeles Directory Co.
	SIERRA Salt Co G W Russell mgr	Los Angeles Directory Co.
	SIMONS BRICK CO Walter R Simons Pres Robert P Isitt V Pres Herbert B Howeth Sec John T Crampton Treas Main Office	Los Angeles Directory Co.
	SIMONS R G Estate Inc J V Simons pres Ralph Simons sec	Los Angeles Directory Co.
	Skiller Chauncy F archt	Los Angeles Directory Co.
	Smart Allen R & Co Chas R While mgr accts	Los Angeles Directory Co.
	SOUTHERN California Conference of M E Church F D Mather pres S S Sampson v pres E W Pasko sec A R Moore treas	Los Angeles Directory Co.
	SOUTHERN California Fish Packers Assn	Los Angeles Directory Co.
	SOUTHERN Income Properties Inc R R Free pres O D Dessureault sec treas	Los Angeles Directory Co.
	SOUTHERN Sugar Co Robt Urban res mgr	Los Angeles Directory Co.
	SOUTHWEST Tile Contractors Assn A H Puttcamp sec	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	SOUTHWESTERN Educational Research & Guidance Assn W W Clark sec	Los Angeles Directory Co.
	SOUTHWESTERN PURCHASING AGENT Purchasing Agents Assn of L A inc Owners Arthur Baker Editor and Mgr	Los Angeles Directory Co.
	Soyster Marvin H geologist	Los Angeles Directory Co.
	STANDARD ADDRESSING & MAILING CO C Russell Carter James A Altken Direct Mail Advertising	Los Angeles Directory Co.
	STANDARD BRICK CO J V Simons Pres Ralph Simons Sec Treas J W Sanderson Auditor Brick Mfrs	Los Angeles Directory Co.
	Steed Franklin P Laurel acct	Los Angeles Directory Co.
	Stoll G C & Son G C and W C Stoll mfrs agts	Los Angeles Directory Co.
	SUTTON Carl F Winnie news service	Los Angeles Directory Co.
	SWETLAND PUBLICATIONS INC M J Swetland Pres Lohr Ludwick Sec Treas	Los Angeles Directory Co.
	Teaseley Wm H Mary B acct	Los Angeles Directory Co.
	TRIANGLE Finance Corp A E Evans pres N C Tompkins v pres R M Dickmson sec treas	Los Angeles Directory Co.
	UNITED Church Women of Los Angeles	Los Angeles Directory Co.
	UNITED CONCRETE PIPE & CONSTRUCTION CO Risto L Basich Pres Steve Kral Tom P Polloh Nikola L Basich and B J Ukropina Vice Presidents D L Roberts Sec Treas Conserete Pipe M	Los Angeles Directory Co.
	VAIL Morris Constrution Co D A Vail L N Morris C H Creighton	Los Angeles Directory Co.
	Valdes Don F Valdivieso Rosalina consul Chile	Los Angeles Directory Co.
	Victor Adding Machine Co Wm Burke br mgr	Los Angeles Directory Co.
	Vinetz & Gitelson J W Vinetz Alf Gitelson lawyers	Los Angeles Directory Co.
	WAGNER Wilmr C natnropath	Los Angeles Directory Co.
	Weingartner Warner V Consul Switzerland	Los Angeles Directory Co.
	WELLS Maria C phys	Los Angeles Directory Co.
	WESTERN BRICK CO G A Wild Pres Mfrs of Brick and Roofing Tile	Los Angeles Directory Co.
	WESTERN Cattle Marketing Assn W F Krueger mgr	Los Angeles Directory Co.
	WESTERN Clay & Metals Co H E Biezee mgr	Los Angeles Directory Co.
	WESTERN Cordage Co J C Perrin mgr	Los Angeles Directory Co.
	WESTERN STATES LIFE INSURANCE CO Geo H Page Supervisor H H Hoyt and M H Fuller Agency Directors J A Mason Agency Cashier Suite	Los Angeles Directory Co.

Year	Uses	Source
1929	WIL TAKA MESSAGE SERVICE BUREAU INC A M Pence Pres Stela V Quackenbos Sec Treas A Prompt Reliable Accurate and Strictly Confidentiall Telephone Message Service Day and Ni	Los Angeles Directory Co.
	Womens Foreign Missionary Society of ME Church Anna Mc Farland sec	Los Angeles Directory Co.
	Womens Home Missionary Society of ME Church Mrs M L Coates pres	Los Angeles Directory Co.
	Wyle Bernard J Elsie C mfrs agt	Los Angeles Directory Co.
	WARREN Roscoe L archt	Los Angeles Directory Co.

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Year	Uses	Source
1942	Wainman Wm H Ethel drugs	Los Angeles Directory Co.
1933	Jassby Ned A Sadie drugs	Los Angeles Directory Co.
1929	Jassby Drug Co N A Jassby	Los Angeles Directory Co.

1154 S BROADWAY

Year	Uses	Source
1942	BRITANNICA JUNIOR Harry Peters Mgr	Los Angeles Directory Co.
1933	Gutaw Jacob Eva shoe repr	Los Angeles Directory Co.
1929	CHAMBER OF MINES AND OIL Edwin Higgins Managing Director	Los Angeles Directory Co.

1157 S BROADWAY

Year	Uses	Source
1942	Posse Rivas Alberto consul Venezuela	Los Angeles Directory Co.
	KELLY Martin V office	Los Angeles Directory Co.
1937	King Elmer B Helen R jwlr	Los Angeles Directory Co.
	TABOR Lina C Mrs optometrist	Los Angeles Directory Co.
1933	Nicolson Donald jwlr	Los Angeles Directory Co.
1929	Nicolson Donald Irene jwlr	Los Angeles Directory Co.
	Calhoun John D optom	Los Angeles Directory Co.

1158 S BROADWAY

Year	Uses	Source
1990	PHIL S PLACE	Pacific Bell
1986	PHIL S PLACE	Pacific Bell
1981	PHIL S PLACE	Pacific Telephone
1971	Zackon Louis	Pacific Telephone
1967	Zackon Louis	Pacific Telephone

Year	Uses	Source
1929	Brelsford Thos S Minnie used autos	Los Angeles Directory Co.

1159 S BROADWAY

Year	Uses	Source
1937	BOHAN Securities Co	Los Angeles Directory Co.
	EQUITABLE FINANCE CORP E R Bohan Pres Bertha E Smith Sec Purchasers of Installment Securities	Los Angeles Directory Co.
1933	BOHAN Securities Co E R Bohan pres Bertha E Smith sec	Los Angeles Directory Co.
	EQUITABLE FINANCE CORP E R Bohan Pres Bertha E Smith Sec Purchasers of Installment Securities	Los Angeles Directory Co.
1929	LOS ANGELES Optimist Club P W Battelle sec	Los Angeles Directory Co.
	CALIFORNIA Protective Thrift Syndicate M H Seymour sec loans	Los Angeles Directory Co.

1160 S BROADWAY

Year	Uses	Source
1942	Huxtable E M	Los Angeles Directory Co.
1924	Hettler Julius J used cars	Los Angeles Directory Co.

1161 S BROADWAY

Year	Uses	Source
1942	HUNT LEIGH W Supervisor Group Dept California Western State Life Insurence Co	Los Angeles Directory Co.
1937	Pfaudler Sales Co Earl D Bennett mgr dairy soup	Los Angeles Directory Co.
	Steed Franklin P Laurel acct	Los Angeles Directory Co.
	HOYT GUY M Gladys I Head Coordinator Div of Attendance and Employment of Minors City Board of Education	Los Angeles Directory Co.
1933	UNITED States Deparment of Commerce Bureau of Foreign and Domestic Commerce J H Smiley mgr	Los Angeles Directory Co.
1929	BUREAU of Foreign & Domestic Commerce J H Smiley mgr	Los Angeles Directory Co.

1163 S BROADWAY

Year	Uses	Source
1933	Department of Commerce Bureau of Foreign and Domestic Commerce Jas H Similey mgr	Los Angeles Directory Co.

FINDINGS

1165 S BROADWAY

Year	Uses	Source
1937	WESTERN UNION TELEGRAPH COMPANY W R Williams Supt	Los Angeles Directory Co.
1929	WESTERN UNION TELEGRAPH CO W R Williams Supt	Los Angeles Directory Co.
	Biltmore Hotel mani	Los Angeles Directory Co.

1166 S BROADWAY

Year	Uses	Source
1942	WESTERN UNION TELEGRAPH COMPANY J W Inwood Supt	Los Angeles Directory Co.

1167 S BROADWAY

Year	Uses	Source
1942	COOPER Nathan shoe repr	Los Angeles Directory Co.
	DOUGLASS Claude shoe shiner	Los Angeles Directory Co.

1169 S BROADWAY

Year	Uses	Source
1962	Ox Fibre Brush Co Inc	Pacific Telephone
	Hitt W C Co mfrs agts	Pacific Telephone
	Hitt Arthur J Hitt W C Co mfrs agts	Pacific Telephone
1942	ORGANIZATION BUILDERS EMPLOYMENT AGENCY Robert T West John F S D Aule Ground Floor of chamber of Commerce Bldg	Los Angeles Directory Co.
1937	Organization Builders Employment Agency John F S DAule mgr	Los Angeles Directory Co.
1929	Scene in action Corp Western branch C E Rosenberg gen mgr A B Leech creative eng sign mfrs	Los Angeles Directory Co.

1171 S BROADWAY

Year	Uses	Source
1929	De Palma Saml Ann	Los Angeles Directory Co.

1181 S BROADWAY

Year	Uses	Source
1937	Dysart Stella real est	Los Angeles Directory Co.
1933	COMPTOMETER ADDING & CALCULATING MACHINES John M Flowers Agt	Los Angeles Directory Co.

1225 S BROADWAY

Year	Uses	Source
1970	HOST-O-MATIC CATERERS	Pacific Telephone

S BROADWAY AVE

1154 S BROADWAY AVE

Year	Uses	Source
1964	WALSMAN J R	Pacific Telephone
	SCROGGINS S M	Pacific Telephone

1158 S BROADWAY AVE

Year	Uses	Source
1976	Phils Place	Pacific Telephone

S BROADWAY ST

1133 S BROADWAY ST

Year	Uses	Source
1976	Sheppler O S	Pacific Telephone

1138 S BROADWAY ST

Year	Uses	Source
1958	Mc Carthy Real Estate Mc Carthy Companythe	Pacific Telephone
	Mc Carthy James H Mc Carthy Companythe rl est	Pacific Telephone
	Mc Carthy E Avery president Mc Cartlhy Cothe	Pacific Telephone

1144 S BROADWAY ST

Year	Uses	Source
2006	TRADING	Haines Company, Inc
	INTERNATIONAL	Haines Company, Inc
	LUCKY	Haines Company, Inc
1976	West Coast Stationery & Printing Co	Pacific Telephone
1958	WEST COAST STATIONERY & PRINTING CO	Pacific Telephone

1149 S BROADWAY ST

Year	Uses	Source
2006	J 8 B CARDS & GIFT	Haines Company, Inc
1976	Los Angeles Branch	Pacific Telephone
	OCCIDENTAL LIFE INSURANCE COMPANY OF CALIFORNIA SALES AND SERVICE OFFICES	Pacific Telephone
	J & B Smoke & Gift Shop	Pacific Telephone

FINDINGS

1151 S BROADWAY ST

Year	*Uses*	*Source*
1958	American Radiator & Standard Sanitary Corp Sales Ofc	Pacific Telephone
	Sunbeam Air Conditioner Div	Pacific Telephone
	American Radiator & Standard Sanitary Corp Sales Ofc	Pacific Telephone
	American Standard American Radiator & Standard Sanitary Corp	Pacific Telephone
	Beanfield R Mc C consltng engnr	Pacific Telephone
	Natl Council Twelfth Regional Ofc	Pacific Telephone
	Boy Scouts of Amer Los Angeles Area Council	Pacific Telephone
	Caruso Harry Harrys Barber Shop	Pacific Telephone
	Derite Inc	Pacific Telephone
	Commerce Beauty Shop	Pacific Telephone
	Church C F Mfg Co plmbng	Pacific Telephone
	East Texas Pulp & Paper Co	Pacific Telephone
	Fudge Mills Inc	Pacific Telephone
	Gnagy Robt E Phillips Gnagy & Co CPA	Pacific Telephone
	Gummed Products Co	Pacific Telephone
	Harrys Barber Shop	Pacific Telephone
	HEARST METROTONE NEWS	Pacific Telephone
	Helm Lynn Jr Rosecrans W S Inc	Pacific Telephone
	Jacobs Edythe atty	Pacific Telephone
	Lewis M E CPA	Pacific Telephone
	Martin Cantine Co The papr	Pacific Telephone
	Marvellum Co The specialty paprs	Pacific Telephone
	Mc Farland G L Risse Mc Farland Schnoebelen attys	Pacific Telephone
	Mc Nitt Rollin Latty	Pacific Telephone
	Mc Williams Edw Derite Inc	Pacific Telephone
	Moon J A cgrs	Pacific Telephone
	Moroney T M White Glenn B & Associates	Pacific Telephone
	News Of The Day newsreels	Pacific Telephone
	Nichols W Joe & Co	Pacific Telephone
	Nicolet Paper Corp	Pacific Telephone
	Occidental Life Bldg	Pacific Telephone
	OCCIDENTAL LIFE INS CO OF CALIF Home Ofc	Pacific Telephone
	Peninsular Paper Co	Pacific Telephone

Year	Uses	Source
1958	Phillips Rudolph A Phillips Gnagy & Co CPA	Pacific Telephone
	Poke About Shoppe	Pacific Telephone
	PROCTER & GAMBLE DISTRIBUTING CO THE	Pacific Telephone
	Proctor & Gamble Manufacturing Co The	Pacific Telephone
	Buying Dept	Pacific Telephone
	Proctor & Gamble Manufacturing Co The	Pacific Telephone
	Traffic Dept	Pacific Telephone
	Quinn Niall H Nichols W Joe & Co	Pacific Telephone
	Risse A H Risse Mc Farland Schnoebelen attys	Pacific Telephone
	Risse Mc Farland & Schnoebelen attys	Pacific Telephone
	Riverside Paper Corp	Pacific Telephone
	Rosecrans W S Inc	Pacific Telephone
	Sack Ada L Poke About Shoppe	Pacific Telephone
	Schnoebelen Michael Risse Mc Farland Schnoebelen attys	Pacific Telephone
	Scott Jos Risse Mc Farland & Schnoebelen attys	Pacific Telephone
	Sheldon Elroy F MD	Pacific Telephone
	Shermans Arcade Coffee Shop	Pacific Telephone
	Telenews	Pacific Telephone
	Twombly C W atty	Pacific Telephone
	White Glenn B & Associates	Pacific Telephone
	Wylie & Davis mfrs agts	Pacific Telephone
1937	ASSOCIATED Literary Guild Frank Clapp mgr	Los Angeles Directory Co.

1169 S BROADWAY ST

Year	Uses	Source
1958	Vaughan Mfg Co	Pacific Telephone
	Ox Fibre Brush Co Inc	Pacific Telephone
	Hitt W C Co mfrs agts	Pacific Telephone
	Hitt Arthur J Hitt W C Co mfrs agts	Pacific Telephone
	Hitt Saml B Co oil well eq	Pacific Telephone

1188 S BROADWAY ST

Year	Uses	Source
2006	PHILS PLACE	Haines Company, Inc

S MAIN

1107 S MAIN

Year	Uses	Source
1990	COSMO MERCHANTS	Pacific Bell
	SHIN S TRADING CO	Pacific Bell
1986	COSMO MERCHANTS	Pacific Bell
1981	COSMO MERCHANTS	Pacific Telephone

1107 1/2 S MAIN

Year	Uses	Source
1990	FOSTER S BARBER SHOP	Pacific Bell

1114 1/2 S MAIN

Year	Uses	Source
1990	BRIGHTER SALES INTERNATL INC	Pacific Bell
1986	BRIGHTER SALES INTERNATL INC	Pacific Bell

1120 1/2 S MAIN

Year	Uses	Source
1990	DEAN AND SONS	Pacific Bell
1986	DEAN AND SONS	Pacific Bell

1122 1/2 S MAIN

Year	Uses	Source
1990	ANN S TRADING CO	Pacific Bell
	ANN S TRADING CO	Pacific Bell
1986	ANN S TRADING CO	Pacific Bell
	ANN S TRADING CO	Pacific Bell

1124 1/2 S MAIN

Year	Uses	Source
1990	MAINLAND TRADING CO	Pacific Bell
1986	MAINLAND TRADING CO	Pacific Bell

1133 1/2 S MAIN

Year	Uses	Source
1990	DAE YANG TRADING	Pacific Bell
1986	CKP INTERNATIONAL CORP	Pacific Bell

1137A S MAIN

Year	Uses	Source
1986	KORUS SALES CO	Pacific Bell

1140 1/2 S MAIN

Year	Uses	Source
1990	FASHION SUPPLIES CO	Pacific Bell

1142 1/2 S MAIN

Year	Uses	Source
1990	ANGELS TRADING COMPANY	Pacific Bell

1144 1/2 S MAIN

Year	Uses	Source
1990	MIDO TRADING	Pacific Bell
	MIDO TRADING	Pacific Bell

1154 S MAIN

Year	Uses	Source
1990	BAE KYONG SIK	Pacific Bell

S MAIN ST

1101 S MAIN ST

Year	Uses	Source
2013	MELIE BIANCO ACCESSORIES INC	Cole Information Services
1958	Angelica Uniform Co	Pacific Telephone

1103 S MAIN ST

Year	Uses	Source
2013	SP HUMAN HAIR CO	Cole Information Services

1105 S MAIN ST

Year	Uses	Source
2013	BEE CRAZEE	Cole Information Services
1976	Levitt Louis clth cutng machs	Pacific Telephone

1107 S MAIN ST

Year	Uses	Source
2013	KIM SUNG HO	Cole Information Services
2008	CARVELLAS DISTRIBUTING CO	Cole Information Services
	VIOLA PRIDE INC	Cole Information Services

Year	Uses	Source
2008	DIASPORE INC	Cole Information Services
2006	VIOLA PRIDE INC	Haines Company, Inc
	DIASPORAINC	Haines Company, Inc
1976	Jack Cohen Cutting Service	Pacific Telephone

1115 S MAIN ST

Year	Uses	Source
1958	Bost John D	Pacific Telephone

1125 S MAIN ST

Year	Uses	Source
2013	MAIN ELEVEN	Cole Information Services
2008	MAIN ELEVEN TRADING	Cole Information Services
	MAIN ACE	Cole Information Services
2006	ELEVEN MAIN	Haines Company, Inc

1129 S MAIN ST

Year	Uses	Source
1976	Capital Sewing Machines & Attachment Co	Pacific Telephone
1958	Irving Sewing Mach Co	Pacific Telephone

1131 S MAIN ST

Year	Uses	Source
2013	REPETTO INC	Cole Information Services
2006	REPETTO INC	Haines Company, Inc
1976	Calif Leather & Belting Co	Pacific Telephone
	CALIFORNIA BELTING & LEATHER CO	Pacific Telephone
1958	California Belting & Leather Co	Pacific Telephone
	California Leather & Belting Co	Pacific Telephone

1133 S MAIN ST

Year	Uses	Source
2013	ROYAL TRADING CO	Cole Information Services
2008	ROYAL TRADING CO	Cole Information Services
	TRANS SUPPLY	Cole Information Services
2006	TRANS JWLRY&	Haines Company, Inc
	ROYAL TRADING CO	Haines Company, Inc
	ACCSSRY	Haines Company, Inc

FINDINGS

1134 S MAIN ST

Year	Uses	Source
1958	Stambler Norman P truck parts	Pacific Telephone
	Stambler Norman P trk pts	Pacific Telephone
	Stambler Norman P truck parts	Pacific Telephone

1135 S MAIN ST

Year	Uses	Source
2013	EASY N EASY CORP	Cole Information Services
	DK HAWAIIAN	Cole Information Services
2008	DK HAWAIIAN COLLECTION INC	Cole Information Services
	MARVEL INTERNATIONAL	Cole Information Services
2006	MARVEL INTERNATL	Haines Company, Inc
	DK HAWAIIAN	Haines Company, Inc
	COLLECTION INC	Haines Company, Inc
1976	Samaha Fredrick A Real Estate Broker	Pacific Telephone

1137 S MAIN ST

Year	Uses	Source
2013	DANIEL BEAUTY SUPPLY	Cole Information Services
	BNGHAIR	Cole Information Services
	OOPS	Cole Information Services
2008	DANIEL BEAUTY SUPPLY	Cole Information Services
2006	DANIEL BEAUTY	Haines Company, Inc
	SUPPLY	Haines Company, Inc

1140 S MAIN ST

Year	Uses	Source
2013	210 US TRADING CORP	Cole Information Services
2008	TWO TEN US TRADING CORP	Cole Information Services
2006	210 USTRADING	Haines Company, Inc

1142 S MAIN ST

Year	Uses	Source
2008	ANABEL FASHION	Cole Information Services
2006	/s ANABEL FASHION	Haines Company, Inc
	UMS CREATIONS	Haines Company, Inc
	Vi ANABEL	Haines Company, Inc
	COLLECTIONS INC	Haines Company, Inc

FINDINGS

1144 S MAIN ST

Year	Uses	Source
2013	MISSY USA INC	Cole Information Services
2008	POINT 22 INC	Cole Information Services
2006	POINT 221 NC	Haines Company, Inc
	LE SAC HANDBAG	Haines Company, Inc

1146 S MAIN ST

Year	Uses	Source
2013	JUNE TRADING	Cole Information Services
2008	JUNE TRADING CO	Cole Information Services
2006	JUNETRADING	Haines Company, Inc
	JUNE TRADING	Haines Company, Inc

1147 S MAIN ST

Year	Uses	Source
2013	LUCKY INTERNATL TRADING	Cole Information Services
	LUCKY INTERNATL TRADING	Cole Information Services
2008	ANN KIM	Cole Information Services
	LUCKY INTERNATIONAL TRADING	Cole Information Services
	SIGMA U S A JEWELRY INC	Cole Information Services
	ANN KIM	Cole Information Services
	LUCKY INTERNATIONAL TRADING	Cole Information Services
	SIGMA U S A JEWELRY INC	Cole Information Services
2006	TRADING	Haines Company, Inc
	LUCKY INTERNATL	Haines Company, Inc

1150 S MAIN ST

Year	Uses	Source
2008	SIERRA TRADING INC	Cole Information Services
	DIVISION DESIGNS	Cole Information Services
2006	SIERRATRADING	Haines Company, Inc
	JAYDEE DESIGNS	Haines Company, Inc
1958	Sullivan Printng Co	Pacific Telephone

1151 S MAIN ST

Year	Uses	Source
2013	KORUS PANTYHOSE	Cole Information Services
2008	SC 2000 INC	Cole Information Services
	KORUS SALES CO INC	Cole Information Services
2006	KORUS PANTYHOSE	Haines Company, Inc

Year	Uses	Source
2006	SC 2000 INC	Haines Company, Inc

1152 S MAIN ST

Year	Uses	Source
2013	TRIPLE GEAR	Cole Information Services
2008	MPACT ACCESSORIES INC	Cole Information Services

1155 S MAIN ST

Year	Uses	Source
2013	S H TRADING	Cole Information Services
2006	SHTRADING	Haines Company, Inc

1156 S MAIN ST

Year	Uses	Source
2008	ZEN	Cole Information Services
2006	ZEN	Haines Company, Inc
1976	NICRAY GARMENT MFG SERVICE	Pacific Telephone
1958	Kolsky Max lithgrphrs eq	Pacific Telephone

1157 S MAIN ST

Year	Uses	Source
2013	PRO VISION SUN GLASSES CO	Cole Information Services
2008	PRO VISION SG CO	Cole Information Services
2006	GLASSES CO	Haines Company, Inc
	PROVISION SUN	Haines Company, Inc

1158 S MAIN ST

Year	Uses	Source
2008	RODEO HANDBAG	Cole Information Services
2006	LEXY HANDBAG	Haines Company, Inc

1159 S MAIN ST

Year	Uses	Source
2013	WESERIES	Cole Information Services
2008	RUIDA ENTERPRISES INC	Cole Information Services
2006	HANDBAG PLUS	Haines Company, Inc
	ENTERPRISES INC	Haines Company, Inc
	RUIDA	Haines Company, Inc
	KATHIE FASHION	Haines Company, Inc
1976	Nadler Sales	Pacific Telephone

Year	Uses	Source
1958	Crest Embroidery Co	Pacific Telephone

1161 S MAIN ST

Year	Uses	Source
1976	WINSTON TIRE COMPANY Los Angeles Stores	Pacific Telephone
1958	NOVISOFF & SONS TIRE CO	Pacific Telephone
	Perfect Made Tire Co	Pacific Telephone

1162 S MAIN ST

Year	Uses	Source
2013	GENERAL PERFUME STORE	Cole Information Services
2008	GENERAL PERFUME STORE	Cole Information Services
2006	GENL PERFUME STORE	Haines Company, Inc
	PERFUMELAND DBA	Haines Company, Inc
	MIGUEL	Haines Company, Inc
1976	Murrays Cafe	Pacific Telephone
1958	Murrays Cafe	Pacific Telephone

1202 S MAIN ST

Year	Uses	Source
2013	THERAPEUTIC HERBAL CARE INC	Cole Information Services
2008	KMQ INTERNATIONAL INC	Cole Information Services

1206 S MAIN ST

Year	Uses	Source
2008	ALEXLONDRA BAGS	Cole Information Services
2006	ALEXLONDRA BAGS	Haines Company, Inc

S MAIN ST # A

Map ID: 2

1147 S MAIN ST # A

Year	Uses	Source
2006	LUCKY INTERNATL	Haines Company, Inc
	TRADING	Haines Company, Inc
2000	LUCKY INTL TRADING	Haines & Company
	SIGMA USA JEWELRY	Haines & Company

FINDINGS

SOUTH BROADWAY

1116 SOUTH BROADWAY

Year	Uses	Source
1924	UNITED STATES MORTGAGE CO OF CALIFORNIA M J Koppel Pres H L Harris V Pres Frank Dwiggins Sec Treas Suite	Los Angeles Directory Co.

1120 SOUTH BROADWAY

Year	Uses	Source
1924	ARCHITECTURAL & ENGINEERING CO William J Kitts suite	Los Angeles Directory Co.
	KITTS WILLIAM J Mortgage Loans Suits	Los Angeles Directory Co.

1126 SOUTH BROADWAY

Year	Uses	Source
1929	SECURITY CLAIMS BUREAU Heber B Schultess Mgr Automobile and Rallroad Personal Injury Adjusters Suite	Los Angeles Directory Co.

1132 SOUTH BROADWAY

Year	Uses	Source
1924	NATIONAL PAVEMENTS CORPORATION OF CALIFORNIA Walter Heinecke V Pres and Gen Mgr Suite	Los Angeles Directory Co.

W 11TH ST

101 W 11TH ST

Year	Uses	Source
1976	Blank Julius N atty	Pacific Telephone
1967	Blank Julius N atty	Pacific Telephone
1958	Blank Julius atty	Pacific Telephone

103 W 11TH ST

Year	Uses	Source
1958	General Time Clock Co	Pacific Telephone

107 W 11TH ST

Year	Uses	Source
1967	Wunderman Bill	Pacific Telephone

FINDINGS

108 W 11TH ST

Year	Uses	Source
2013	JULIOS EXPORT & IMPORT INC	Cole Information Services

109 W 11TH ST

Year	Uses	Source
1976	Corte Fino	Pacific Telephone

110 W 11TH ST

Year	Uses	Source
2013	BNK MODE INC	Cole Information Services
2008	LUSH 7 INC	Cole Information Services
	CIMPLE INC	Cole Information Services
	KOOL FASHION	Cole Information Services
	EAGLE TEXTILE	Cole Information Services
	CICI CHOI INC	Cole Information Services
2006	OKCAINC	Haines Company, Inc
	LUSH 71 NC	Haines Company, Inc
	CORAL	Haines Company, Inc
	CIMPLE INC	Haines Company, Inc
	CHASELLAINC	Haines Company, Inc
1976	C M C	Pacific Telephone
	Current Mfg Corp	Pacific Telephone
	Harris Slacks	Pacific Telephone
	Union Mfg Co clthng	Pacific Telephone
1967	Empress Corp	Pacific Telephone
	HARRIS SLACKS	Pacific Telephone
	UNION MFC CO clthng	Pacific Telephone
1958	Barbara of California Inc	Pacific Telephone
	DANTE OF CALIF shirts	Pacific Telephone
	Eldorado Sportswear	Pacific Telephone
	Haber Mfg Co	Pacific Telephone
	UNION MFG CO clthng	Pacific Telephone
	Desert Palm Shirt Corp	Pacific Telephone

111 W 11TH ST

Year	Uses	Source
1976	Huey Of Calif	Pacific Telephone
1958	Rubber Band Supply Co	Pacific Telephone

FINDINGS

W 12TH ST

104 W 12TH ST

Year	Uses	Source
2013	LOCKSMITH	Cole Information Services

105 W 12TH ST

Year	Uses	Source
2006	MANZO Remedlos	Haines Company, Inc
	PRUDENCIO Mayrm	Haines Company, Inc
	RODRIGUEZEstela	Haines Company, Inc
	RODRIGUEZMadice Il	Haines Company, Inc
	TEPEZANO Claudlo	Haines Company, Inc
	THOMAS Francisco	Haines Company, Inc
	HERNANDEZJorge A	Haines Company, Inc
	TORRES Delia	Haines Company, Inc
	HERNANDEZ HIlai	Haines Company, Inc

111 W 12TH ST

Year	Uses	Source
2013	POLLY TRADING CO INC	Cole Information Services
	HERBS INC	Cole Information Services
	POLLY TRADING CO INC	Cole Information Services
	HERBS INC	Cole Information Services
2008	J & K USA CO	Cole Information Services
	INTERNATIONAL GIFT & FASHION	Cole Information Services
	WIGS FACTORY JK CO	Cole Information Services
	J & K USA CO	Cole Information Services
	INTERNATIONAL GIFT & FASHION	Cole Information Services
	WIGS FACTORY JK CO	Cole Information Services
2006	FASHION J 8 K COMPANY	Haines Company, Inc
	J&KUSA	Haines Company, Inc
	COMPANY	Haines Company, Inc
	INTL GIFTAND	Haines Company, Inc

114 W 12TH ST

Year	Uses	Source
1958	Zuckerman Ted I Sally Shops of Calif	Pacific Telephone

FINDINGS

116 W 12TH ST

Year	*Uses*	*Source*
1958	Hale Karolyn	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
106-112 East 11th St, 1100-1132 South Main St	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1972, 1971, 1969, 1967, 1966, 1963, 1961, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
100 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
101 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
101 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
102 1/2 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
102 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
102 E 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
102 E 12TH ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
103 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
104 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 E 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 E 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 W 12TH ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
105 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
105 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
108 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
108 W 11TH ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
109 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 W 11TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 W 11TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1101 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1101 S MAIN ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1101 S MAIN ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1103 S MAIN ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1105 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1105 S MAIN ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1105 S MAIN ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
111 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1114 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1115 S MAIN ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1116 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1116 SOUTH BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1119 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
112 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 SOUTH BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1122 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1124 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1124 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1125 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1125 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1125 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1126 SOUTH BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1129 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1129 S MAIN ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
113 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1131 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1131 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1131 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1131 S MAIN ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1132 SOUTH BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1133 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S BROADWAY ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1134 S MAIN ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1135 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1135 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1135 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1135 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1136 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1137 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1137 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1137 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1137 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1137A S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1138 BROADWAY S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1138 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1138 S BROADWAY	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1138 S BROADWAY ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1139 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1139 S BROADWAY	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 W 12TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1140 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1142 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1142 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1142 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1142 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1142 S MAIN ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 1/2 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 BROADWAY S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1144 S BROADWAY	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S BROADWAY ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1146 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1146 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1146 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1146 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1147 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1147 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1147 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1147 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1147 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1147 S MAIN ST # A	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1148 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1149 BROADWAY S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1149 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1149 S BROADWAY	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1149 S BROADWAY ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
115 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
115 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
115 E 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S MAIN ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 BROADWAY S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 S BROADWAY ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1151 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1152 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1152 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1153 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1154 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1154 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1154 S BROADWAY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1154 S MAIN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 S MAIN ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1156 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1156 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1156 S MAIN ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1157 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1157 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1157 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1157 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 BROADWAY S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 S BROADWAY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1158 S MAIN ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1159 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1159 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1159 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1159 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
116 W 12TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1160 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1161 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1161 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1161 S MAIN ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1162 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1162 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1162 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1163 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1165 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1165 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1166 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1167 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1169 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1169 S BROADWAY ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1171 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
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FINDINGS

Address Researched	Address Not Identified in Research Source
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1181 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1188 S BROADWAY ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
119 12TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 11TH E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1201 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1202 S MAIN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1206 S MAIN ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1206 S MAIN ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1210 MAIN S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1225 S BROADWAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
150 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
155 E 11TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
157 E 11TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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LOS ANGELES, CA 90012

WILLIAM R. BAMATTRE
CHIEF ENGINEER
AND
GENERAL MANAGER
(213) 485-6003
http://www.ci.la.ca.us/dept/LAFD

January 14, 1998

Eleventh and Main Partners, LLC
c/o Mr. M.M. Siam
Investment Development Services, Incorporated
999 West 6th Street, 9th Floor
Los Angeles, CA 90017

Dear Sirs:

Ana Trading Company
1137 South Main Street
Los Angeles, California

The Fire Department has reviewed the Closure Report dated October 1995, as submitted by Environmental Engineering, Incorporated.

Based on the information provided to date, this Department has determined that no further action is required at this time.

Please note this letter does not exempt you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. Nor does it exempt you of the responsibility to correct additional or previously unidentified conditions at the site which cause, or thereafter to cause, pollution or nuisance, or otherwise pose a threat to water quality or public health.

If you require additional information from the Los Angeles City Fire Department, contact Inspector Ernest Spearman, Environmental Unit, at (213) 485-7543.

Very truly yours,

WILLIAM R. BAMATTRE
Chief Engineer and General Manager

D. C. Wilcox

Dennis C. Wilcox, Captain II
Commander, Environmental Unit

DCW:ES:kz:ENV2200

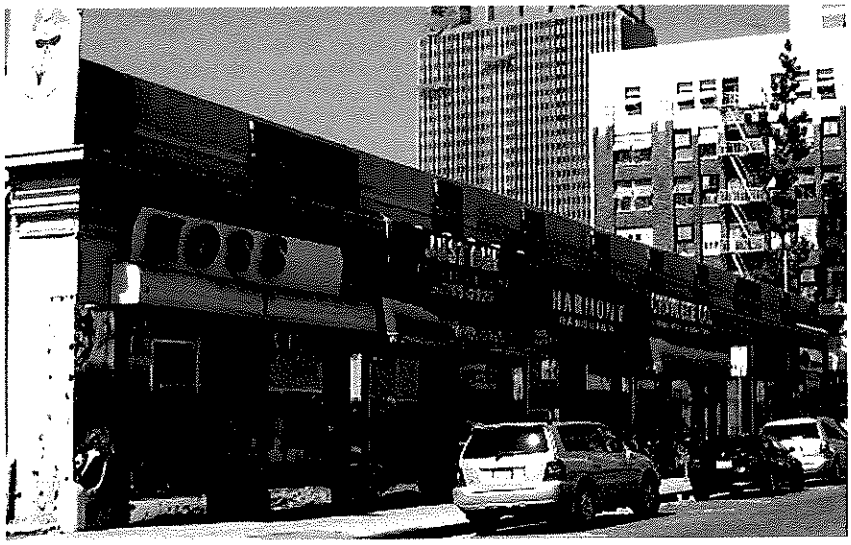
cc: Environmental Engineering, Incorporated

Recyclable and made from recycled waste.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Prepared for

Nationwide Life Insurance Company, its successors and/or assigns
and
Impact Community Capital, LLC, its successors and/or assigns



Phase I Environmental Site Assessment

11th & Main Retail
East 11th Street and South Main Street
Los Angeles, California, 90015
September 15, 2006

Prepared by
AES Due Diligence, Inc.
Architectural/Environmental/Seismic Due Diligence Consultants
4909 Murphy Canyon Road, Suite 301
San Diego, California 92123

(858) 569-0211 -Tel
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AES Regional Offices

Chicago, IL *(847) 498-4780*	***Denver, CO*** *(303) 648-9897*	***Los Angeles, CA*** *(949) 955-0413*
Portland, OR *(503) 296-0711*	***Dallas, TX*** *(972) 298-2412*	***San Francisco, CA*** *(707) 996-5529*

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Aerial Photographs

EXECUTIVE SUMMARY

11th & Main Retail
East 11th Street and South Main Street
Los Angeles, California, 90015
Project No. 60003025

ISSUE	ENVIRONMENTAL CONDITION IDENTIFIED				ASSESSMENT				
	NONE	REC	HREC	*de minimis*	ACCEPTABLE	O&M	PHASE 2	PHASE 3	COST
Historic Use	X				X				
UST\AST	X				X				
Chemical Use, Storage or Disposal	X				X				
Waste Storage or Disposal	X				X				
PCBs	X				X				
Environmental Records Review	X				X				
REC on Adjoining Property	X				X				
Stains or Odors	X				X				
Solid Waste or Fill	X				X				
Septic Fields, Wells or Drywells	X				X				
Pits, Ponds, Lagoons	X				X				
NON-SCOPE CONSIDERATIONS									
Asbestos		X				X			$800
Lead Based Paint				X	X				
Lead in Water	X				X				
Mold	X				X				
Wetlands	X				X				
Radon	X				X				

I IDENTIFICATION

Subject Site:	11th & Main Retail
Location:	106-112 East 11th Street, 1100-1132 South Main Street and 1123-1137C South Main Street Los Angeles, California, 90015
Observation Date:	September 11, 2006
Site Contact:	Darrin Nickerson (213) 362-9311
Client:	Q10/Dwyer-Curlett & Company
Lender:	Nationwide Life Insurance Company, its successors and/or assigns and Impact Community Capital, LLC, its successors and/or assigns

Environmental Professional Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the subject site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:

Richard E. Darwicki
Registered Professional Engineer

Richard E Darwicki

Reviewed by:

Timothy K. Dahlstrand
Certified Professional Geologist

II OBJECTIVE AND SCOPE

Objective

The purpose of this Phase I Environmental Site Assessment *(ESAI)* is to identify recognized environmental conditions that may have an impact on the subject site, using readily available sources of information, interviews and field observations. It is our understanding the Client intends to finance the site.

Procedures

This Assessment is a Phase I Environmental Site Assessment (ESA) for the improvements located at 106-112 East 11th Street, 1100-1132 South Main Street and 1123-1137C South Main Street in Los Angeles, California, 90015, performed in general accordance with ASTM Designation E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and following the Scope of Work outlined in AES Due Diligence, Inc.'s proposal. AES Due Diligence, Inc. (AES) conducted on-site observations on September 11, 2006, interviewed site operations personnel and observed adjacent properties. Environmental Data Resources, Inc. (EDR) conducted database searches following ASTM guidelines. Such searches are generally limited to a radius of one mile from the subject site. Additionally, ASTM Non-Scope items are addressed in this Assessment, including Asbestos, Lead-Based Paint, Radon Gas, Mold, Wetlands and Lead in Drinking Water. No testing was completed for ASTM Non-Scope items.

Limitations

The purpose of the Phase I ESA of the site is to address the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. If requested by the Client, certain non-scope business environmental risks are addressed in the Assessment. The Phase I ESA is intended to allow the Client to satisfy one of the requirements to qualify for the innocent landowner defense, contiguous property Owner or bonafide prospective purchaser limitations on CERCLA liability: i.e. the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC § 9601(35)(B). The Phase I ESA does not address whether requirements in addition to appropriate inquiry were met in order to qualify for CERCLA's innocent landowner defense.

The objectives of the Phase I ESA are as follows:

1. Evaluate if recognized environmental conditions (REC), historic recognized environmental conditions (HREC) or *de minimis* conditions are present on the site.

2. Provide sufficient documentation of sources, records and resources utilized in

conducting the Phase I ESA.

3. Prepare a professional opinion regarding the presence of RECs at the site.

Special Terms and Conditions

The Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the site.

A Phase I ESA attempts to identify the environmental conditions of the site and vicinity. Environmental conditions and regulations are subject to change and re-interpretation. Current conditions or regulatory requirements should not be assumed to continue to represent conditions at some future time. This Assessment represents AES's professional judgments and opinions based on information presented in this Assessment and no warranty, either expressed or implied, are contained herein.

Limitations and Exceptions of Assessment

The surface conditions of the site were noted by visual observations or information obtained during interviews. No physical testing, soil/groundwater sampling or laboratory analysis was included unless otherwise noted in the Assessment.

The executive summary was prepared for the convenience of the users of this Assessment. This summary does not contain all the information presented in this Assessment and, therefore, the entire Assessment should be read to assure all pertinent information is transmitted.

AES performed the Phase I ESA of the site in substantial conformance with the scope and limitations of ASTM E 1527-05, Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* unless otherwise noted in the Assessment. Certain environmental conditions may exist on a site that are beyond the scope of the Standard, but may warrant consideration. Per the Standard, this environmental site assessment is presumed to be valid for a specific time limit as defined in ASTM Designation E-1527-05.

AES utilized the following methods to complete the reconnaissance of the site. AES observed the site and adjoining properties for indicators of existing or potential recognized environmental conditions. The site walkover consisted of walking the site boundary and several transects across the site. For a site with buildings, the accessible areas of the buildings were entered and observed. Please note that AES did not look under floors, above ceilings or inside walls. The adjoining properties were observed from the periphery of the site, if possible. The observations were documented with representative photographs.

The following limiting conditions were encountered during the course of the Phase I ESA:

- The questionnaire was not returned.

The presence of these limiting conditions constitutes a data failure per the ASTM standard.

However, this did not preclude AES from developing an opinion regarding the environmental condition of the site.

Documents

Our Assessment represents our professional experience and judgment, and a good faith effort to obtain all available information. Documents and data provided by the Client, its designated representatives, or other interested parties, and consulted in the preparation of this Assessment, have been reviewed and may be referenced herein, with the understanding that AES assumes no responsibility or liability for their accuracy or for the withholding by any of the involved parties of any assessments or other information that could affect the transaction.

Intended Use

AES Due Diligence, Inc. is not affiliated with the borrower or any other parties to this transaction. This Assessment is intended to be used in its entirety. No portion of it may be deleted or used out of context without the written consent of AES. The opinions and information contained in this Assessment are time sensitive and represent our evaluation of the environmental site conditions at the time the services were provided. This Assessment was prepared for a limited use involving a single transaction, as set forth herein, and may not be used for any other purpose without the written consent of AES.

Proprietary Information

Field data, field notes, and other data and documents assembled by AES to produce this Assessment represent the work product of AES's training, experience and professional skill. This information belongs to and remains the property of AES Due Diligence, Inc.

Reliance

This Report is for the exclusive use of Nationwide Life Insurance Company its successors and/or assigns and Impact Community Capital, LLC, its successors and/or assigns. No other party shall have the right to rely on any service provided by AES Due Diligence, Inc. without prior written consent.

Definitions

ASTM defines a Recognized Environmental Condition (REC) as "the presence or likely presence of any Hazardous Substances or Petroleum Products on a site under conditions that indicate an existing release, a past release, or a material threat of release of any Hazardous Substance or Petroleum Products into structures on the site or into the ground, groundwater or surface water of the site." The term includes hazardous substances or petroleum products even under conditions in compliance with laws.

A Historic Recognized Environmental Condition (HREC) is defined as an environmental condition which in the past would have been a REC, but which may or may not be considered

a REC currently.

A *de minimis* environmental condition generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be *de minimis* are not a REC.

Business Environmental Risk (BER) is a risk, which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of the site, not necessarily limited to those environmental issues investigated in this Phase I ESA. BER often necessitates that an environmental professional complete one or more of the non-scope considerations identified by ASTM.

III PROPERTY DESCRIPTION

Site Visit and Interviews

On September 11, 2006, AES visited the subject site and reviewed the fixed facility. Darrin Nickerson, Vice President and Chris Maurer. Construction Manager with the IDS Real Estate Group, accompanied Richard E. Darwicki of AES during most of the site visit.

AES observed the interiors and contents of representative occupied tenant spaces, common areas and maintenance areas and noted operations and activities at the subject site. AES looked for suspect asbestos-containing building materials, stored chemicals, underground and aboveground storage tanks, unusual surface appearance, wetlands and other issues that may indicate environmental conditions on the subject site. AES noted the location of on-site electrical power transformers and storm drainage structures where these were encountered. AES observed sites adjoining the subject site and areas within the immediate vicinity of the subject site.

AES photographed selected features at or near the subject site to support this written Assessment. The photographs are identified, described and appended to this Assessment.

Subject Site

The project is situated on separated parcels of land estimated to be approximately 1.7 acres. The buildings are located mid-block on the west side of South Main Street between East 11th and 12th Street and on the east side of South Main Street from 11th Street and south to mid-block in the downtown Los Angeles Wholesale district. The improvements were built between 1905-1995. The parking and driveway areas are asphaltic concrete paved. Entry driveway aprons, rubbish dumpster pads, and public and private sidewalks are concrete paved.

The topography of the site is nearly level and slopes to the south. The site has a maximum surface elevation difference of approximately five feet. Additional slopes are provided around the improvements for storm water drainage. On-site storm water drainage is by sheet flow. Storm water flows away from the buildings to the east and west and into the alleys and adjacent streets. Surface runoff then flows generally to the southwest along the streets and alleys to a system of curb inlets connected to the Los Angeles storm sewer system. The storm system flows to the Pacific Ocean.

Pole-mounted, utility company owned electrical transformers are provided. The City of Los Angeles is the electrical supplier and is responsible for transformer-related incidents. Natural gas service is provided by the Southern California Gas Company. The site is provided with municipal water and sanitary sewer services from buried utilities along the adjacent thoroughfares.

Buildings

The property has nine multi-story buildings (the tallest is two stories). The structures include a 1976 concrete tilt-up building and reinforced masonry structures dating back to the 1900s. The Owner indicates that there is a total of 83,850 square feet (sf) of gross floor area. The improvements were completed between 1905 and1995. The site is occupied by multiple tenants.

Continuous reinforced concrete perimeter footings are typically under the perimeter load-bearing walls for buildings of this type. Concrete grade beams and interior pad footings are typically provided for these types of buildings for the interior floor and roof support columns. A concrete slab-on-grade completes the foundation system. One Building (1100 South Main) has a basement.

The project contains retail shops built from concrete tilt-up and masonry construction supported on shallow foundations. The exterior walls are composed of precast concrete tilt-up wall panels with painted or textured surfaces and masonry walls with painted. The roofing consists of gradient sloped systems with a mineralized capsheet as a surfacing material. The buildings are provided with roof-mounted electric heat pump units. The buildings are not provided with elevators. The floor treatments within the typical lease spaces vary but typically consist of vinyl tile, sheet vinyl and/or carpeting. The walls are finished with painted concrete, masonry or gypsum board with various tenant wall treatments added. The ceilings consist of suspended acoustical tiles or plaster with gypsum board in mechanical areas, utility rooms and toilet rooms. Lighting is provided by fluorescent fixtures at the interior. The exterior surfaces of the building storefronts are typically painted.

Adjoining Properties

Properties immediately adjoining the subject site are commercial and retail facilities. The adjoining properties to the east and west are separated by public alleys. To the west there are parking lots, a nightclub and commercial buildings. To the east there are retail shops. Along the west side of Main Street the adjoining properties include a parking lot to the north and a retail shop to the south. Along the east side of Main Street the adjoining properties include a retail shops and commercial buildings to the north and a retail shop to the south. A surrounding properties map is appended to this Report. All adjoining properties are located in Los Angeles, California, 90015.

Because of the controlled surface drainage and the predominantly non-hazardous uses on the adjoining properties, they do not, in our opinion, pose a significant environmental risk to the subject site.

Vicinity

AES observed other properties located near the subject site for current uses or conditions that might be environmentally significant. The local area properties observed by AES did not appear to be engaged in environmentally significant activities.

Topography and Hydrogeology

AES reviewed the United States Geological Survey (USGS) Topographic Map, which indicates that the subject site is approximately 242 feet above mean sea level. AES observed that the general drainage flows in a southwesterly direction across the surface of the site. No substantial grade changes appear to have been made to the subject site when compared to the topography of surrounding sites. A copy of the USGS topographic map that covers the subject site is appended. The nearest natural body of water is the Pacific Ocean approximately 15 miles to the west. The Los Angeles River locates approximately 2 miles to the east.

AES interviewed Darrin Nickerson regarding soil grading activities at the subject site. Mr. Nickerson stated that no such activities were taking place at the time of the site visit.

Geology and Surficial Soils

The subject site is located above Cenozoic era stratified sequence bedrock. The depth to bedrock is unknown.

According to the information obtained through the EDR Report, subject site is located in an area of loamy soils. These soil types have moderate permeability and would be expected to have moderate susceptibility as a result of surface spreading of wastes, depending upon local soil conditions.

Surface and Ground Water Flow

The regional surface water flows in a southwesterly direction. The ground water flow in the area is assumed to be to the southwest. The depth to ground water is unknown.

IV SITE HISTORY

No prior Environmental Reports were provided to AES for review. AES conducted a limited historical review regarding the subject site. The following summarizes AES's review of readily available historical records and maps gathered from government agencies and commercial enterprises regarding the subject site history and use. This should not be considered a listing of all available information.

Interviews

Mr. Nickerson was not aware of the use of the site prior to the construction of the current improvements in 1905-1995.

Building Department Records Review

Parcel Reports were obtained for the City of Los Angeles and are appended to this Report. The Parcel Reports include the construction dates of the original buildings.

Aerial Photograph and Historical Map Review

Aerial photographs are reviewed to identify past site use and areas of environmental concern on the subject site. AES has reviewed aerial photographs of the subject site. The photographs were obtained from GeoSearch. Copies of the aerial photographs that were obtained and reviewed by AES are appended. Please see chart below for the specific dates and description summary.

Beginning in the 1860s, the Sanborn Fire Insurance Company, and others, prepared maps that depict site improvements and commercial activities in many metropolitan areas in the United States. AES attempted to obtain fire insurance maps, specific to the site, to review as part of this Phase I Environmental Site Assessment. Sanborn Maps were reviewed for the site, please see the chart below for enumeration of years and findings.

Historical maps provide information concerning historical site boundaries and improvements. Historic Topographic Maps were reviewed for the site, please see the chart below for enumeration of years and findings.

The historical maps reviewed were obtained from GeoSearch, and are appended.

Site History Summary		
Date	**Record Type**	**Land Use**
1888	Sanborn	Residential uses
1894	Sanborn	Residential uses

Site History Summary		
Date	**Record Type**	**Land Use**
1906	Sanborn	Residential and Commercial Uses
1928	Aerial Photograph	Commercial uses
1938	Aerial Photograph	Commercial uses
1947	Aerial Photograph	Commercial uses
1950	Sanborn	Commercial uses
1952	Aerial Photograph	Commercial uses
1954	Sanborn	Commercial uses
1955	Sanborn	Commercial uses
1959	Sanborn	Commercial uses
1960	Aerial Photograph	Commercial uses
1960	Sanborn	Commercial uses
1966	Historical Topographic Map	Commercial uses
1967	Sanborn	Commercial uses
1968	Aerial Photograph	Commercial uses
1970	Sanborn	Commercial uses
1972	Historical Topographic Map	Commercial uses
1976	Aerial Photograph	Commercial uses
1982	Aerial Photograph	Commercial uses
1994	Aerial Photograph	Commercial uses
2002	Aerial Photograph	Current structures

Based on AES's interpretation of the available documentation noted above the first developed and historic site use was primarily residential uses and vacant land. No evidence of long-term fill activity, surface scarring, staining or other issues of environmental concern were visible in the aerial photographs during the review process.

Directories

City directories provide information concerning historical site ownership and use. City Directories were reviewed for the years 1920 thru 2006 in approximate 5-year intervals. Prior to approximately 1986 the tenants and surrounding uses included some commercial/industrial facilities including print shops, electric motor shops, auto convertible top shops, and clothing shops. After 1986 the trend toward development as the retail wholesale district is apparent. No

dry cleaner listings appear at the subject addresses or adjoining addresses. No additional significant information was indicated in the listings. The information we reviewed is appended to this Report.

Title Records Review

A title records review, or chain-of-title, can be used to identify prior ownership of a property and to evaluate previous activities or operations in terms of environmental significance. Significant easements, covenants, restrictions and environmental liens may be indicated in title records. A chain-of-title regarding the subject site was not provided to AES for review as part of this Phase I Environmental Site Assessment.

Document Review

No documents were provided for review.

V ENVIRONMENTAL SITE ASSESSMENT

Fixed Facilities Review

The improvements observed by AES on September 11, 2006, were reported to have been completed between 1905 and 1995. Minor repair activities to meet maintenance requirements and tenant needs are ongoing. Recent improvements have included roof repairs and painting, according to Mr. Nickerson.

Mr. Nickerson indicated that no asbestos containing materials or lead based paint was utilized in the above noted improvements.

The property does not have landscaping. Neither automotive nor landscape equipment is maintained at the subject site.

Site Tenant Activities

AES reviewed the current tenant for operations that may use regulated materials or generate waste products. AES observed the accessible interior and exterior common areas and maintenance areas. The site is occupied by multiple tenants. Interview remarks by Mr. Nickerson indicated that this facility is currently 100% occupied.

AES confirmed the nature of tenant activities in the building, which primarily consists of retail uses. AES entered and observed the activities at sample tenant retail spaces and visited common areas, mechanical rooms and the roofs.

Upon review of the activities at the above locations, AES found no specific environmental concerns regarding these operations.

On-Site Chemical and Petroleum Product Storage

AES looked for chemicals, hazardous substances, petroleum-based fuels and lubricants, and janitorial and cleaning supplies stored on the subject site. No other chemicals or hazardous substances were observed on the subject site other than shelf quantities of commonly available janitorial and cleaning supplies.

Waste Disposal Practices

AES identified the current wastes generated at the subject site. According to Mr. Nickerson and AES's observations, general and recycled wastes are disposed of from the subject site. Areas of waste storage appeared to be well kept and free of debris.

General wastes are collected, placed in dumpsters, removed from the subject site on an as-needed basis, and disposed of by local companies.

Underground and Aboveground Storage Tanks

Owners and operators of certain USTs are required to register those USTs with the state agency responsible for administering the federally mandated UST program. A search of the list of registered USTs in California, prepared by EDR, showed that there are no registered USTs located on the subject site.

AES interviewed Mr. Nickerson regarding the presence of USTs and ASTs on the subject site. Mr. Nickerson stated that there are no registered USTs and no registered ASTs located on the subject site. There are no records of USTs and no records of ASTs on the subject site.

AES interviewed Mr. Nickerson regarding the past use of heating fuels on the subject site to ascertain whether USTs or ASTs may have been utilized on site for the storage of heating fuels or oils. Mr. Nickerson stated that to his knowledge the improvements have always been heated by electricity. AES's observations confirmed the nature of the current heating systems at the subject site.

AES visually observed the subject site for surficial evidence of USTs and ASTs. AES did not observe evidence of USTs or ASTs at the subject site.

Polychlorinated Biphenyls (PCBs)

Federal regulations put into effect following the Toxic Substances Control Act (TSCA) require that electrical transformers be labeled to identify their PCB content. Manufacture and distribution of PCBs was banned in 1979. Transformer owners are responsible for compliance with all applicable regulations governing those transformers, including maintenance of the transformer and any remediation work resulting from a transformer-related incident.

Pole-mounted, utility company owned electrical transformers are provided along the adjacent alleys and streets. The observed electrical transformers appeared to be in good condition with no visible leaks. Areas around the electrical transformers exhibited no signs of visible staining or abnormal appearance. AES did not observe any labels on the electrical transformers identifying the PCB content.

Based on utility ownership and no observed leaks, AES recommends no further action with regard to PCBs in transformers.

Exterior Surface Condition

AES observed the exterior surface of the subject site. The entire site surface was covered by improvements and pavement.

None of the historical documentation reviewed, indicated that the subject site was previously utilized as a quarry and/or solid waste disposal facility.

No pits, ponds or lagoons were observed at the subject site during the site visit. No areas of distressed or dead vegetation, surface depressions or surface stains attributed to chronic leaks or spills were observed during the site visit.

Interior Surface Condition

AES observed portions of the interior surfaces of the building for evidence of unusual conditions. We found no evidence of unusual conditions in the areas we observed.

VI DATABASE RECORDS REVIEW

Environmental Records Review

An environmental records database search report dated September 12, 2006, was provided by Environmental Data Resources (EDR). A copy of EDR's report is appended. The following discussion excerpts specific items from the report that deserve additional description.

In addition to the mapped sites in the EDR report, there may also be a list of unmapped sites. These are reported database sites that, due to incomplete addressing information, could not be accurately plotted by EDR. In an attempt to locate all unmappable sites, AES compared each address provided on the unmappable site list to known addresses of the site and vicinity, and attempted to locate unmappable sites during reconnaissance of the vicinity. AES concludes that no unmappable sites were identified that meet the search radius criteria of the scope of work and are considered to be environmentally significant to the subject site.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

Since 1982, the U.S. EPA has maintained lists of contaminated sites under the federal Superfund Program in accord with the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The U.S. EPA discovers these sites from citizen reports, routine inspection of hazardous waste generators, treatment, storage and disposal facilities, and reporting requirements.

CERCLA Sites					
Facility ID No.	Facility Name and Address	Location			Regulatory History and Current Status
		Distance	Direction	Gradient	
0905578	Democratic National Convention - Staples Center 1111 South Figueroa Street	3/8 mi	NW	Cross	Removal only, cleaned up 8/18/2000

Review of the CERCLIS list provided by EDR identifies only one CERCLIS site listed within the ASTM standard minimum search distance of one-half mile from the subject site. There are no CERCLIS facilities on the subject site.

The above referenced CERCLIS facility was evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

CERC-NFRAP List

CERCLA sites designated No Further Remedial Action Planned (NFRAP) have been removed from CERCLIS. CERC-NFRAP sites may be where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the National Priorities List (NPL), or the contamination was not serious enough to require Federal Superfund action or NPL consideration. CERC-NFRAP sites, however, may continue to represent a concern to local or state regulators.

Review of the CERC-NFRAP list provided by EDR identifies no CERC-NFRAP sites within the approximate minimum search distance of one-half mile from the subject site.

National Priorities List

The U.S. EPA maintains this list as a subset of CERCLIS, identifying over 1,200 CERCLA sites for priority cleanup under the Superfund Program. Once sites have been designated on the CERCLIS list, the U.S. EPA uses its Hazard Ranking System to determine the potential risks of those sites to human health and the environment. Only the sites that present the greatest risk are added to the NPL, which qualifies the sites to receive CERCLA remedial funding.

Review of the NPL list provided by EDR identifies no NPL sites within the approximate minimum search distance of one mile from the subject site.

RCRA – Generators

The U.S. EPA's RCRA (Resource Conservation and Recovery Act, 42 U.S.C. '6991 *et seq.*) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. Generators are also listed in the FINDS database.

Review of the RCRA LQ-Generator list provided by EDR identifies no RCRA-Generator sites adjacent to or at the subject site. Review of the RCRA SQ-Generator list provided by EDR identifies a total of five RCRA-SQG sites listed. There are no RCRA-SQG facilities on the subject site and there are no RCRA-SQG facilities on adjoining properties.

The above referenced RCRA SQ-Generator facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

RCRA - Treatment, Storage, Disposal Facilities (TSD)

The Resource Conservation and Recovery Act Information System (RCRIS) is a compilation of selective information on facilities that generate, store, transport, treat or dispose of hazardous waste. Inclusion of a facility on the RCRIS database is not necessarily an indication of an environmental problem.

Review of the RCRIS-TSD list provided by EDR identifies no RCRIS-TSD sites within the approximate minimum search distance of one mile from the subject site.

Emergency Response Notification System (ERNS)

The ERNS is a compilation of reported releases of hazardous substances into the environment. The database contains information from Spill reports made to federal authorities, including the U.S. EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation.

Review of the ERNS list provided by EDR identifies no ERNS listings at the subject site.

Underground Storage Tanks

Certain USTs are regulated under the RCRA Act, and must be registered with the state agency responsible for administering the UST program. USTs are also listed in the CA FID database. Inclusion of a facility on the UST database is not necessarily an indication of an environmental problem.

Review of the list provided by EDR identifies a total of nine sites. There are no facilities on the subject site and there are no facilities on adjoining properties.

The above referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site. Leaking tanks are discussed in the following section.

Leaking Underground Storage Tanks (LUSTs)

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. LUSTs are also listed in the CORTESE database.

Review of the list provided by EDR identifies a total of three sites within the ASTM standard minimum search distance of one-half mile from the subject site. There are no facilities on the subject site and there are no facilities on adjoining properties.

The below referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Registered LUST Facilities					
Facility Name and Address	Location			Material, Amount and Date of Release	Reported Impact and Current Status
	Distance	Direction	Gradient		
Property under construction, 1050-1070 South Flower Street	3/8 mi	NW	Cross	No. 5 fuel oil, unknown amount, 9/17/2004 release	Leak being confirmed
Unocal No. 3300, 730 West Olympic Blvd	3/8 mi	NW	Cross	Hydrocarbons, unknown amount, 3/30/1994 release	Soil only, case closed
Mobil No. 11-H3K, 1600 South Hill Street	3/8 mi	SW	Down	Gasoline, unknown amount, 10/15/1987 release	Soil only, case closed

Solid Waste Facilities/Landfills (SWF/LS)

Solid waste records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Review of the list provided by EDR identifies no sites within the approximate minimum search distance of one-half mile from the subject site.

Cal-Sites (AWP)

The AWP (Annual Work Plan) contains a listing of all verified hazardous waste sites that are or will be targeted for abatement by the California Environmental Protection Agency (CAL-EPA) under the Hazardous Substance Cleanup Bond Act of 1984 (California Health and Safety Code Section 25356) and the Hazardous Substances Account (HSA).

Hazardous waste sites may be discovered by the CAL-EPA directly or be referred to the CAL-EPA for confirmation and follow-up action by another government agency, such as a local health department, a California Regional Water Quality Control Board (RWQCB), a responsible party or a concerned citizen. New sites are added to this database as they are verified and the Preliminary Assessment, Site Investigation and Hazard Ranking System processes are completed.

Review of the list provided by EDR identifies no sites within the approximate minimum search distance of one mile from the subject site.

Cal-Sites (ASPIS)

Developed under Section 25359.6 of the California Health and Safety Code, the CAL-EPA Department of Toxic Substances Control (DTSC) maintains a listing of potential and known hazardous waste sites under the Department of Toxic Substances Control Program (TSCP). The RWQCBs, Department of Fish and Game and other state environmental regulatory agencies. TSCP staffs also review historical land-use data sources to generate lists of potentially contaminated sites.

Cal-Sites (ASPIS) combines the former ASPIS (Abandoned Sites Program Information System) and BEP (Bond Expenditure Plan or State Superfund List) hazardous waste site databases. Information concerning most of these sites should be considered preliminary; most confirmed sites from this database are merged into the AWP database once they have been hazard ranked. This database currently contains more than 26,000 sites in the State of California. Many of these sites are currently identified as requiring no further action (NFA) based on a TSCP determination that no release had occurred, or, if a release may have occurred, it did not represent a significant threat to the public or the environment.

Review of the list provided by EDR identifies no sites within the approximate minimum search distance of one mile from the subject site.

California Hazardous Material Incident Reporting System (CHMIRS)

The California Office of Emergency Services database contains reported information on incidents involving accidental releases or spills of hazardous materials.

Review of the list provided by EDR identifies no listings at the subject site.

Hazardous Waste and Substances Sites List (CORTESE)

The Cal-EPA publishes a listing of potential and confirmed hazardous waste sites throughout the State of California. Under California Government Code Section 65962.5, these sites are submitted to the Cal-EPA by the State Department of Health Services, State Water Resources Control Board, the Integrated Waste Management Board and the Department of Toxic Substances Control.

The database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release, and all solid waste disposal facilities from which there is a known migration.

Review of the list provided by EDR identifies a total of two sites previously discussed under the LUST heading, Unocal No. 3300 and Mobil No. 11-H3K, within the ASTM standard minimum search distance of one-half mile from the subject site. There are no facilities on the subject site and there are no facilities on adjoining properties.

The above referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Hazardous Waste Information System (HAZNET)

The California Department of Health Services, Toxic Substances Control Division, has developed and maintained lists of hazardous waste generators and hazardous waste treatment, storage and disposal facilities in the State of California, in accordance with the Hazardous Waste Control Law (California Health and Safety Code Section 25100 *et seq.*) And the Hazardous Waste Management Act of 1976 (California Health and Safety Code Section 25179.1 *et seq.*). Inclusion of a facility in the HAZNET list is not necessarily an indication of an environmental problem.

Additionally, the California Health and Safety Code requires all counties to prepare and submit hazardous waste management plans. To assist the counties, the Toxic Substances Control Division maintains lists containing hazardous waste generation and disposal data within each county. The Toxic Substances Control Division has assembled this information from manifest reports required from hazardous waste generators. This database currently lists over 20,000 facilities in the State of California.

Review of the list provided by EDR identifies a previous tenant as 1X Hans Engineering Company at 1124 South Main on the subject site. There is no listing in City Directories for the facility.

The above referenced facility was evaluated and based on the regulated nature, no reported spills and no violations. It is believed that this does not represent an environmental concern to the subject site.

Historic USTs

The Hazardous Substance Storage Container Database is a historical listing of former UST sites that are closed and typically not listed with the current UST sites.

Review of the list provided by EDR identifies a total of six sites. There are no facilities on the subject site and there are no facilities on adjoining properties.

The above referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Dry Cleaners

This database provides a list of drycleaner facilities that have EPA ID numbers. These facilities have certain SIC codes including: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; dry cleaning plants, except rugs; carpet and upholstery cleaning; industrial launderers and laundry and garment services.

Review of the list provided by EDR identifies only one site, the Royal Sewing Machine Factory at 940 South Hill Street, approximately 1/8 mile northeast. There are no facilities on the subject site and there are no facilities on adjoining properties.

The above referenced facility was evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Waste Management Unit Database System (WMUDS/SWAT)

The California Integrated Waste Management Board maintains an inventory list of both open as well as closed and inactive solid waste disposal facilities and transfer stations in accordance with the Solid Waste Management and Resource Recovery Act of 1972, California Government Code Section 2.66790(b). Generally, the California Integrated Waste Management Board learns of locations of disposal facilities through permit applications and from local enforcement agencies. The Waste Management Unit Database System is used by the California Water Resources Control Board and the Regional Water Quality Control Boards for program tracking and inventory of waste management units.

Review of the latest WMUDS/SWAT listing identifies no WMUDS/SWAT facilities within the approximate minimum search distance of ½ mile from the subject site.

Manufactured Gas Plants (MGP)

Manufactured Gas Plants produced combustible gas for urban use prior to the widespread use and pipeline distribution of natural gas in the 1950s. The main fuels used in production of this gas were coke, coal and oil; the by-products of this manufacturing process include a variety of tars, sludge and other chemicals. MGP sites tend to have subsurface contamination due to the common practice of disposing of the waste products on site. Review of the MGP list provided by EDR identifies no MGP sites within the approximate minimum search distance of one mile from the subject site.

VII ASTM NON-SCOPE ITEMS

Asbestos

In 1977, the U.S. EPA acted to eliminate friable asbestos from building materials. Friable materials are defined as those that can be crushed or reduced to powder by hand pressure. Materials do not have to be damaged to be identified as friable. Additionally, the United States Occupational Safety and Health Administration (OSHA) now requires certain untested materials to be presumed to contain asbestos for buildings constructed prior to 1981.

During the site visit, AES observed reasonably accessible interior areas of the building for the existence and condition of suspect ACM. Construction plans were not provided for review. Asbestos can be identified only by specialized equipment and not by the unaided human eye. The site visit was not intended to be a comprehensive search for all ACM at the subject site.

Based on the construction dates and our observations, the present buildings constructed prior to 1981 are suspect for materials containing asbestos. The suspect materials include: vinyl floor tiles, ceiling materials, insulation and roofing. No sampling or analytical testing of ASTM Non-Scope items was completed. AES recommends the implementation of an ACM Operations and Maintenance Plan to maintain the suspect ACM in place.

Lead Based Paint

In 1978, the Consumer Product Safety Commission banned the use of lead as an additive in paint. During the site visit, accessible areas were observed for evidence of damaged and/or peeling paint. In general, the painted surfaces appeared to be in good condition. Based on the construction dates and our on-site observations the buildings constructed before 1978 are suspect for containing lead based paint. As the buildings are used for non-residential purposes, the presence of lead based paint is not considered to be an environmental issue.

Potable Water Supply

The subject site is serviced by a municipally operated, public water system, which is regulated by the Safe Drinking Water Act of 1974. This Act requires that public water supplies be tested for the presence of lead in water. AES contacted the local water utility company, the City of Los Angeles, regarding the results of water tests. The utility company reports that the lead content of the water is below the U.S. EPA action level of 0.015 milligrams per liter.

Radon Gas

Radon gas is a naturally occurring, colorless, odorless gas that is the by-product of the decay of radioactive materials found within bedrock and soil. Radon gas enters buildings through cracks, structural joints, and plumbing openings in floor levels that are in direct contact with

the soil. Radon gas, when inhaled, has been found to be carcinogenic in some humans. The U.S. EPA recommended action level for radon gas is 4.0 pCi/L (picoCuries per liter).

The State of California, in conjunction with the U.S. EPA, has conducted residential screening tests in Los Angeles County. The results of that screening indicate that Los Angeles County is predicted to have an average indoor radon screening level of pCi/L, with 100% of tests less than 4.0 pCi/L.

AES reviewed the U.S. EPA's Map of Radon Zones for California, which identifies Los Angeles County as being within radon zone 2. Counties within radon zone 2 have a predicted average indoor radon gas screening level of between 2 and 4 pCi/L.

Based on the literature reviewed, it is our opinion that the risk of radon gas accumulation is not a significant environmental concern at the subject site.

No sampling or analytical testing of ASTM Non-Scope items was completed

Wetlands

AES did not observe ponded water, flowing water, saturated soils or hydrophytic vegetation at the subject site.

Mold

AES observed portions of the exposed exterior and interior material surfaces of the buildings for signs of mold and/or mildew and none was observed. Based on the condition of these surfaces, the general quality of the exterior details to keep moisture out of the building and the general interior air quality observed in the buildings without the assistance of specialized testing equipment, mold and/or mildew were not an environmental concern to the subject property at the time of our site visit.

Please note that AES did not perform any probes behind surface materials, use moisture meters to test materials or use specialized equipment to test air quality for signs of existing mold and/or mildew. If further confirmation is required for determining if mold and/or mildew is present in the subject buildings AES recommends that a qualified Industrial Hygienist be retained to perform the necessary industry standard tests and provide a report of their findings.

VIII CONCLUSIONS

Findings and Opinion

AES completed a Phase I ESA for the site in substantial conformance with the scope and limitations of the Standard. Any exceptions to, or deletions from, the Standard are described in the Assessment.

Historical Recognized Environmental Conditions (HRECs)

Based on site observations, interviews and review of available documents and the database records search, AES concludes that no HRECs were identified at the subject site. AES recommends no additional investigation at this time.

Current Recognized Environmental Conditions (RECs)

Based on site observations, interviews and review of available documents and the database records search, AES concludes that one REC was identified at the subject site. Based on the building ages, asbestos is suspected at the buildings constructed prior to 1981. These materials can be managed in place using an asbestos operation and maintenance plan. AES recommends no other additional investigation at this time.

de minimis Conditions

Based on site observations, interviews and review of available documents and the database records search, AES concludes that one *de minimis* condition was identified at the subject site. The buildings constructed prior to 1978 are suspected to contain lead based paint. AES recommends no additional investigation at this time.

Conclusions

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E 1527 for 3545 Central Avenue, the *property.* Any exceptions to or deletions from, this practice are described within this *report.* This assessment has revealed no evidence of *recognized environmental conditions* with the *property* with exception of possible asbestos containing materials and lead based paint in the buildings.

IX INTERVIEWS

Name	Title/Affiliation	Phone
Mr. Darrin Nickerson	Vice President IDS Real Estate Group	(213) 362-9311
Mr. Chris Maurer	Construction Manager IDS Real Estate Group	(213) 347-6452
Staff	Building and Planning Departments City of Los Angeles	(888) 524-2845

X QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Richard E. Darwicki - Mr. Darwicki has over ten years of experience related to environmental assessments and over 30 years experience related to engineering matters. He has completed numerous Phase I Environmental Site Assessments throughout the United States. He is a Registered Professional Engineer in the State of California and attended Santa Ana College and Fullerton College.

Timothy K. Dahlstrand - Mr. Dahlstrand has over twenty-five years of experience related to environmental and engineering matters. He has completed and supervised hundreds of Phase I Environmental Site Assessments throughout the United States and internationally. He is a Registered Professional Engineer and Professional Geologist and holds a B.A. in Geology and M.S. in Civil Engineering from Northwestern University.

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

11th & Main Portfolio
1100-1132 South Main Street, 106-112 East 11th St
Los Angeles, CA 90015

Inquiry Number: 4293113.2s
May 13, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

COORDINATES

Latitude (North):	34.0384000 - 34° 2' 18.24''
Longitude (West):	118.2583000 - 118° 15' 29.88''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	383844.9
UTM Y (Meters):	3766933.2
Elevation:	241 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34118-A3 HOLLYWOOD, CA
Most Recent Revision:	1994
East Map:	34118-A2 LOS ANGELES, CA
Most Recent Revision:	1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LAX C INC	1100 S MAIN ST	HAZNET		TP
A2	11TH & MAIN PARTNERS	1100-1132 S MAIN ST	HAZNET		TP
A3	1X HANS ENGINEERING	1124 S MAIN STREET	HAZNET		TP
A4	GUARANTEED AUTO SERV	1156 S MAIN ST	EDR US Hist Auto Stat	Higher	30, 0.006, WSW
A5	MOORE PFEIF	1151 S MAIN ST	EDR US Hist Auto Stat	Higher	40, 0.008, West
A6	WITTENBERG DAVID	1135 N MAINE AVE	EDR US Hist Auto Stat	Higher	42, 0.008, West
B7	ANACOMP INC	1149 S BROADWAY ST	RCRA NonGen / NLR, FINDS, HAZNET	Higher	164, 0.031, WNW
B8	MFS INTELENET	1149 S BROADWAY	UST	Higher	164, 0.031, WNW
C9	STANLEY FARRER	111 W 11TH ST	EDR US Hist Cleaners	Higher	184, 0.035, North
C10	BONE DEEP - HERRALD	1111 S BROADWAY	RCRA NonGen / NLR	Higher	194, 0.037, NW
D11	CROWN LAUNDRY CO	1191/2 S MAIN ST	EDR US Hist Cleaners	Lower	208, 0.039, SW
E12	WONG CHUNG	1111/2 S LOS ANGELES	EDR US Hist Cleaners	Lower	209, 0.040, East
E13	SCHLOSSBERG MORRIS	1109 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	209, 0.040, East
E14	WESTERN AUTO WORKS	1141 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	211, 0.040, SE
E15	GIBSON T M	100 S LOS ANGELES ST	EDR US Hist Auto Stat	Lower	214, 0.041, East
E16	GIBSON T M	1100 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	219, 0.041, East
E17	WESTERN MOTOR SERVIC	1136 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	221, 0.042, SE
E18	BORKENSTEIN SOL	1144 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	221, 0.042, SE
E19	COHEN IRVING	1142 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	222, 0.042, SE
20	FISH F J	1156 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	222, 0.042, SSE
D21	RYDER TRUCK RENTAL	100 W 12TH ST	HIST UST	Lower	246, 0.047, SW
D22	FC BROADWAY AND HILL	1201 S MAIN STREET	VCP, ENVIROSTOR	Lower	255, 0.048, SW
C23	A AND B AUTO BODY WO	1101 S BROADWAY	RCRA-SQG, FINDS	Higher	260, 0.049, NNW
D24	HAGGERTY W P	118 E 12TH ST	EDR US Hist Auto Stat	Lower	261, 0.049, SSW
E25	KNOWLES IRVING	214 E 11TH ST	EDR US Hist Auto Stat	Lower	278, 0.053, East
C26	ROLDAN ALF	1091/2 S BROADWAY	EDR US Hist Cleaners	Higher	294, 0.056, NNW
B27	ASSELIN ANDRE	1201 S BROADWAY	EDR US Hist Auto Stat	Higher	301, 0.057, West
E28	M KRADIN INC	224 E 11TH ST	RCRA-SQG, FINDS	Lower	313, 0.059, East
D29	LOS ANGELES HERALD E	1201 S MAIN ST	CA FID UST, SWEEPS UST	Lower	342, 0.065, WSW
D30	LOS ANGELES HERALD E	1111 S BROADWAY	HIST UST	Lower	342, 0.065, WSW
D31	LOS ANGELES HERALD E	1201 S MAIN ST # 19	HIST UST	Lower	342, 0.065, WSW
D32	LOS ANGELES HERALD E	1111 S BROADWAY	CA FID UST, SWEEPS UST	Lower	342, 0.065, WSW
33	SINCLAIR WILLARD	1201 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	358, 0.068, South
B34	TRANSAMERICA REALTY	150 W 12TH ST	CA FID UST, SWEEPS UST	Higher	359, 0.068, West
B35	SKLAR ISEDORE	159 W 12TH ST	EDR US Hist Cleaners	Higher	380, 0.072, West
D36	HALL E V	1215 S MAIN ST	EDR US Hist Auto Stat	Lower	405, 0.077, SW
F37	KELLEY BROS	1041 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	412, 0.078, ENE
D38	BOHNSTEDT H J	1220 S MAIN ST	EDR US Hist Auto Stat	Lower	423, 0.080, SW
G39	DAVIS EPHRAIM	1063 S BROADWAY	EDR US Hist Cleaners	Higher	447, 0.085, North

MAPPED SITES SUMMARY

Target Property Address:
1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H40	FC BROADWAY AND HILL	1108 S HILL STREET	VCP, ENVIROSTOR	Higher	487, 0.092, NW
H41	ASSOCIATED PRESS	1111 S HILL ST	RCRA-SQG, FINDS	Higher	493, 0.093, NW
H42	KELLEY BROS	1127 S HILL ST	EDR US Hist Auto Stat	Higher	494, 0.094, WNW
H43	FOWLER L D	1129 S HILL ST	EDR US Hist Auto Stat	Higher	494, 0.094, WNW
I44	OCCUPANT	1149 S HILL ST	CA FID UST, SWEEPS UST, WIP	Higher	498, 0.094, WNW
I45		1149 S HILL ST	EDR US Hist Cleaners	Higher	498, 0.094, WNW
I46	TRANSAMERICA CORP.	1149 S HILL ST	UST	Higher	498, 0.094, WNW
H47	HOWIE A S	1102 S HILL ST	EDR US Hist Auto Stat	Higher	507, 0.096, NW
F48	JUMBO EQUIPMENT CO	1018 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	527, 0.100, ENE
F49	CANDEE W D	1015 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	546, 0.103, ENE
I50	KEMP B V	1207 S HILL ST	EDR US Hist Auto Stat	Higher	569, 0.108, West
I51	SOMMERS L O	211 W 12TH ST	EDR US Hist Auto Stat	Higher	584, 0.111, West
I52	EKLUND FRANK	1216 S HILL ST	EDR US Hist Auto Stat	Higher	588, 0.111, West
F53	ARNO PAUL	1006 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	589, 0.112, ENE
G54	ST HELENS PETROLEUM	1031 S BROADWAY	EDR US Hist Auto Stat	Higher	590, 0.112, North
J55		1240 S MAIN ST	EDR US Hist Auto Stat	Lower	594, 0.112, SW
K56	HUGHEA JOHN	1102 SANTEE ST	EDR US Hist Auto Stat	Lower	601, 0.114, ESE
K57	HUGHES J T	1100 SANTEE ST	EDR US Hist Auto Stat	Lower	601, 0.114, ESE
K58		1132 SANTEE ST	EDR US Hist Auto Stat	Lower	601, 0.114, SE
I59	MORWAY STEPH	217 W 12TH ST	EDR US Hist Auto Stat	Higher	610, 0.116, WNW
F60	SUPPE H B	1001 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	617, 0.117, ENE
I61	TIMPE A M	225 W 12TH ST	EDR US Hist Cleaners	Higher	636, 0.120, WNW
I62	CAIN EARL	225 W 12TH ST	EDR US Hist Auto Stat	Higher	636, 0.120, WNW
I63	THOMPSON C H	224 W 12TH ST	EDR US Hist Auto Stat	Higher	640, 0.121, WNW
H64	WILSON L C	208 W 11TH ST	EDR US Hist Cleaners	Higher	651, 0.123, NW
L65	KEITH GORDON	1046 SANTEE ST	EDR US Hist Auto Stat	Lower	661, 0.125, East
M66	MORGAN F F	1013 S BROADWAY	EDR US Hist Cleaners	Higher	685, 0.130, NNE
J67	PETERSON G A	115 W PICO BLVD	EDR US Hist Cleaners	Lower	698, 0.132, SW
L68	DISTRIBUTING STATION	1027 SANTEE STREET	RCRA-LQG	Lower	719, 0.136, East
N69	PHELEN FRANK	1050 S HILL ST	EDR US Hist Auto Stat	Higher	719, 0.136, NNW
J70	DUNCAN ZACHARY	118 W PICO BLVD	EDR US Hist Auto Stat	Lower	719, 0.136, SW
O71	LITTON HERBT	124 W PICO BLVD	EDR US Hist Auto Stat	Lower	720, 0.136, WSW
O72	STANDARD BRANDS PAIN	124 W PICO BLVD	HIST UST	Lower	720, 0.136, WSW
O73	STANDARD BRANDS PAIN	124 W PICO BLVD	CA FID UST, SWEEPS UST	Lower	720, 0.136, WSW
J74	HILLEGAS E K	114 W PICO BLVD	EDR US Hist Auto Stat	Lower	721, 0.137, SW
O75	REBUILT MOTOR EXCHAN	140 W PICO BLVD	EDR US Hist Auto Stat	Lower	751, 0.142, WSW
O76	POPHAM H H	147 W PICO BLVD	EDR US Hist Auto Stat	Lower	759, 0.144, WSW
P77	HEYDEN H A	1260 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	766, 0.145, South
O78	TRANSAMERICA OCCIDEN	150 W PICO BLVD	CA FID UST, SWEEPS UST	Lower	772, 0.146, WSW

MAPPED SITES SUMMARY

Target Property Address:
1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L79	GILCHRIST JOHN	1011 SANTEE ST	EDR US Hist Auto Stat	Lower	777, 0.147, East
80		990 S MAIN ST	EDR US Hist Cleaners	Higher	782, 0.148, NE
J81	AUER HERMAN	120 E PICO BLVD	EDR US Hist Auto Stat	Lower	802, 0.152, SSW
J82	LOTT L G	118 E PICO BLVD	EDR US Hist Auto Stat	Lower	803, 0.152, SSW
L83	PASSFIELD J H	1004 SANTEE ST	EDR US Hist Auto Stat	Lower	806, 0.153, East
J84	WENDROFF CLIFF	1307 S MAIN ST	EDR US Hist Auto Stat	Lower	838, 0.159, SW
N85	MARK GABAY	1022 S HILL ST	CA FID UST, SWEEPS UST	Higher	862, 0.163, North
N86	BUCHER E R	1021 S HILL ST	EDR US Hist Auto Stat	Higher	879, 0.166, North
Q87	MORRIS J H	1130 S OLIVE ST	EDR US Hist Auto Stat	Higher	888, 0.168, NW
Q88	HOFFMAN JOHANNA MRS	1128 S OLIVE ST	EDR US Hist Auto Stat	Higher	889, 0.168, NW
Q89	JOHNSON J W REAR	1132 S OLIVE ST	EDR US Hist Auto Stat	Higher	889, 0.168, NW
Q90	LUARD L S	1138 S OLIVE ST	EDR US Hist Auto Stat	Higher	890, 0.169, NW
Q91	HOFFMAN E H	1122 S OLIVE ST	EDR US Hist Auto Stat	Higher	890, 0.169, NW
Q92	SCHERER S A	1148 S OLIVE ST	EDR US Hist Auto Stat	Higher	891, 0.169, NW
Q93	WHITLEY J A	1114 S OLIVE ST	EDR US Hist Auto Stat	Higher	895, 0.170, NW
Q94	TRANSAMERICA OCCIDEN	1150 S OLIVE ST	CA FID UST, SWEEPS UST, EMI	Higher	897, 0.170, NW
Q95	TRANSAMERICA OCCIDEN	1133 S OLIVE ST	CA FID UST, SWEEPS UST	Higher	898, 0.170, NW
Q96	LUARD L S	1133 S OLIVE ST	EDR US Hist Auto Stat	Higher	898, 0.170, NW
Q97	SERVICE STATION 2686	1133 S OLIVE ST	HIST UST	Higher	898, 0.170, NW
Q98	TRANSAMERICA CENTER/	1133 S OLIVE ST	UST	Higher	898, 0.170, NW
Q99	KELLEY BROS	1127 S OLIVE ST	EDR US Hist Auto Stat	Higher	899, 0.170, NW
Q100	CLEGHORN ROBT	1137 S OLIVE ST	EDR US Hist Auto Stat	Higher	899, 0.170, NW
P101	VIRGONIS J G	226 E PICO BLVD	EDR US Hist Cleaners	Lower	901, 0.171, South
Q102	SPEEDO ELECTRIC CO	1155 S OLIVE ST	EDR US Hist Auto Stat	Higher	902, 0.171, WNW
M103		250 W OLYMPIC BLVD	EDR US Hist Auto Stat	Higher	903, 0.171, North
Q104	CAMP G N	1100 S OLIVE ST	EDR US Hist Auto Stat	Higher	905, 0.171, NW
Q105	RISDEN C W	1115 S OLIVE ST	EDR US Hist Auto Stat	Higher	905, 0.171, NW
R106	CALDARES C C	1315 S MAIN ST	EDR US Hist Auto Stat	Lower	909, 0.172, SW
P107	VERGONIS JOHN	236 E PICO BLVD	EDR US Hist Cleaners	Lower	913, 0.173, South
S108	LOWENSTEIN JOS	1229 S HILL ST	EDR US Hist Auto Stat	Lower	924, 0.175, West
O109	NASCO PETROLEUM LLC	1325 S BROADWAY	RCRA-SQG, FINDS	Lower	929, 0.176, WSW
P110	BRACHMAN B B	1325 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	929, 0.176, SSW
T111	FONTAINE A H	1206 S OLIVE ST	EDR US Hist Auto Stat	Higher	937, 0.177, WNW
112	LOUGH JACK	1305 S HILL ST	EDR US Hist Auto Stat	Lower	942, 0.178, WSW
U113	BRUCE J R	940 S LOS ANGELES ST	EDR US Hist Auto Stat	Higher	943, 0.179, ENE
T114	SMITH I D	1212 S OLIVE ST	EDR US Hist Auto Stat	Higher	947, 0.179, WNW
P115	GORDON H JACK INC	1330 SO LOS ANGELES	RCRA NonGen / NLR, FINDS	Lower	956, 0.181, SSW
O116	BENTON BROS	1330 S BROADWAY	EDR US Hist Auto Stat	Lower	957, 0.181, SW
117	OLIVARES J V	1103 MAPLE AVE	EDR US Hist Cleaners	Lower	969, 0.184, ESE

MAPPED SITES SUMMARY

Target Property Address:
1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
S118	DETROIT FENDER CO	1228 S OLIVE ST	EDR US Hist Auto Stat	Higher	981, 0.186, WNW
S119	BRAKE SHOP THE INC	1227 S OLIVE ST	EDR US Hist Auto Stat	Higher	983, 0.186, WNW
S120	OLSON R C	1234 S OLIVE ST	EDR US Hist Auto Stat	Higher	990, 0.188, West
S121	YAGER C A	221 W PICO BLVD	EDR US Hist Auto Stat	Lower	1038, 0.197, West
V122	SORRENGINO E H	401 E 12TH ST	EDR US Hist Auto Stat	Lower	1041, 0.197, SSE
V123	BRENTON RICHD	1202 MAPLE AVE	EDR US Hist Cleaners	Lower	1044, 0.198, SSE
R124		1320 S MAIN ST	EDR US Hist Auto Stat	Lower	1045, 0.198, SSW
W125	EWART CHAS	320 E PICO BLVD	EDR US Hist Auto Stat	Lower	1051, 0.199, South
X126	PRATT W M	1027 S OLIVE ST	EDR US Hist Auto Stat	Higher	1060, 0.201, NNW
W127	ARNET E L	324 E PICO BLVD	EDR US Hist Auto Stat	Lower	1060, 0.201, South
V128	KENDALL F J	1216 MAPLE AVE	EDR US Hist Cleaners	Lower	1066, 0.202, SSE
129	TEXACO COMPANY THE O	929 S BROADWAY	EDR US Hist Auto Stat	Higher	1067, 0.202, NNE
R130	GRAVITY ACTIVEWEAR I	1333 S MAIN	RCRA-SQG, FINDS	Lower	1067, 0.202, SW
V131	TECHTRON LOS ANGELES	1220 SO MAPLE AVE	RCRA-SQG, FINDS	Lower	1072, 0.203, SSE
R132	PETERSON G A	106 W 14TH PL	EDR US Hist Cleaners	Lower	1081, 0.205, SW
R133	HANSEN A C	116 W 14TH PL	EDR US Hist Auto Stat	Lower	1086, 0.206, SW
Y134	CAUNCE THOS	938 S MAIN ST	EDR US Hist Cleaners	Higher	1096, 0.208, NE
X135	COPPLE AUTO SERVICE	1032 S OLIVE ST	EDR US Hist Auto Stat	Higher	1104, 0.209, NNW
V136	COX J E	421 E 12TH ST	EDR US Hist Auto Stat	Lower	1113, 0.211, SSE
Z137	SZLADOWSKI B H	1000 MAPLE AVE	EDR US Hist Auto Stat	Lower	1125, 0.213, East
T138	WILKINSON J E	315 W 12TH ST	EDR US Hist Auto Stat	Higher	1131, 0.214, WNW
AA139	A COMPANY CLEANERS	363 W OLYMPIC BLVD	EDR US Hist Cleaners	Higher	1134, 0.215, North
U140	SMITH L J	926 S LOS ANGELES ST	EDR US Hist Auto Stat	Higher	1142, 0.216, ENE
X141	CLEGHORN R W	1025 S OLIVE ST	EDR US Hist Auto Stat	Higher	1143, 0.216, NNW
V142	MITSCH HENRY	430 E 12TH ST	EDR US Hist Auto Stat	Lower	1150, 0.218, SSE
143	BECK DAVE & CO INC	1360 S BROADWAY	RCRA-SQG, FINDS	Lower	1165, 0.221, SW
X144	EDMONDSON J E	1017 S OLIVE ST	EDR US Hist Auto Stat	Higher	1177, 0.223, NNW
AA145	BURNHAM CHAS	1008 S OLIVE ST	EDR US Hist Auto Stat	Higher	1203, 0.228, NNW
AA146	PARAMOUNT REPAIR SHO	1006 S OLIVE ST	EDR US Hist Auto Stat	Higher	1212, 0.230, NNW
AB147	ROSE BENJ	955 S HILL ST	EDR US Hist Auto Stat	Higher	1232, 0.233, North
148	TROY LAUNDRY CO	1400 S MAIN ST	EDR US Hist Cleaners	Lower	1242, 0.235, SW
AC149	KNAUB WARREN	910 S LOS ANGELES ST	EDR US Hist Auto Stat	Higher	1245, 0.236, ENE
AD150	SHELLENBERGER W R	1313 S OLIVE ST	EDR US Hist Auto Stat	Lower	1258, 0.238, West
AC151	BORKANSTAN SAML	909 S LOS ANGELES ST	EDR US Hist Auto Stat	Higher	1260, 0.239, ENE
AB152	KNEWBOW ISADORE	946 S HILL ST	EDR US Hist Cleaners	Higher	1266, 0.240, North
AD153	CR AND A CUSTOM INC	312 W PICO BLVD	RCRA-SQG, HAZNET	Lower	1270, 0.241, West
AE154	MURPHY J A	1307 MAPLE AVE	EDR US Hist Cleaners	Lower	1279, 0.242, SSE
Z155	D&H SERVICE STATION	450 E OLYMPIC BLVD	HIST UST	Lower	1281, 0.243, East
Z156	DAVID SHARE CHEW/HAR	450 E OLYMPIC BLVD	CA FID UST, SWEEPS UST	Lower	1281, 0.243, East

MAPPED SITES SUMMARY

Target Property Address:
1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AA157	US FEDERAL RESERVE B	409 W OLYMPIC BLVD	RCRA NonGen / NLR, FINDS	Higher	1286, 0.244, NNW
AA158		409 W OLYMPIC BLVD	UST	Higher	1286, 0.244, NNW
AE159	ARNET E L	1311 MAPLE AVE	EDR US Hist Auto Stat	Lower	1290, 0.244, SSE
Y160		906 S MAIN ST	EDR US Hist Cleaners	Higher	1290, 0.244, NE
AB161	GOODYEAR SERVICE CEN	940 S HILL ST	HIST UST	Higher	1295, 0.245, North
AE162	TRAIM M C	1310 MAPLE AVE	EDR US Hist Auto Stat	Lower	1298, 0.246, SSE
Y163	SERVICE STATION 7117	110 E 9TH ST	HIST UST	Higher	1302, 0.247, NE
Y164	CURRENT OCCUPANT	110 E 9TH ST	CA FID UST, SWEEPS UST	Higher	1302, 0.247, NE
AF165	LEE TONG	1146 S GRAND AVE	EDR US Hist Cleaners	Higher	1306, 0.247, NW
AF166	WHITLEY JAS	1148 S GRAND AVE	EDR US Hist Auto Stat	Higher	1306, 0.247, NW
Z167	VACANT LOT	432 9TH ST	CA FID UST, SWEEPS UST	Lower	1308, 0.248, East
168	GEORGE WISE	420 E 11TH ST	CA FID UST, SWEEPS UST	Lower	1308, 0.248, ESE
AB169	BEGARIE JOHN	916 S HILL ST	EDR US Hist Auto Stat	Higher	1308, 0.248, North
170	CALIFORNIA AUTO WORK	1410 S LOS ANGELES S	EDR US Hist Auto Stat	Lower	1309, 0.248, SSW
171	LA DEPARTMENT WATER	1324 S WALL ST	FINDS, LUST	Lower	1555, 0.295, SSE
172	SHELL SERVICE STATIO	504 OLYMPIC BLVD. W.	LUST	Higher	1585, 0.300, NNW
173	CAL ST, GEN SERV DEP	1525 S BROADWAY	LUST, EMI	Lower	1785, 0.338, SW
AG174	PILLACK PROPERTY	1410 GRAND AVE	LUST	Lower	1869, 0.354, WSW
175	PROPERTY UNDER CONST	1050-1070 FLOWER ST.	LUST	Higher	2046, 0.387, NW
176	MOBIL #11-H3K	1600 HILL ST S	LUST	Lower	2080, 0.394, SW
AG177	CITY OF LOS ANGELES	1450 GRAND	SLIC	Lower	2109, 0.399, WSW
178	ARCO #5033	1151 S FLOWER ST	LUST	Higher	2148, 0.407, NW
179	LAUSD - SAFETY SECTI	1425 S SAN PEDRO ST	LUST	Lower	2180, 0.413, SSE
180	G & P RECYCLING CENT	110 E 17TH ST	SWRCY	Lower	2306, 0.437, SW
181	UNOCAL CORPORATION	730 OLYMPIC BLVD	HIST CORTESE, LUST, EMI	Higher	2417, 0.458, NNW
182	JOHNSON BRONZE COMPA	1818 S. GRAND AVENUE	ENVIROSTOR	Higher	2424, 0.459, North
AH183	DEMOCRATIC NATIONAL	1111 SOUTH FIGUEROA	CERCLIS	Higher	2568, 0.486, NW
AH184	CITY OF LOS ANGELES	1111 S FIGUEROA	SLIC	Higher	2568, 0.486, NW
AH185	CITY OF LOS ANGELES	1111 FIGUEROA	SLIC	Higher	2568, 0.486, NW
186	CONVENTION CENTER	1201 FIGUEROA ST S	HIST CORTESE, LUST, ENF	Lower	2580, 0.489, WNW
187	JET DELIVERY	750 010TH ST E	HIST CORTESE, LUST	Higher	2633, 0.499, ESE
188	UNITED BUILDING ASSO	707 S BROADWAY #411	ENVIROSTOR	Higher	2648, 0.502, NNE
189	LAUSD MASTER AGREEME	1449 SOUTH SAN PEDRO	SCH, ENVIROSTOR	Lower	2738, 0.519, SSE
AI190	LOS ANGELES UNITED I	650 S. HILL STREET #	ENVIROSTOR	Higher	3090, 0.585, NNE
AI191	ATLAS PRECIOUS METAL	640 S HILL ST	HWP	Higher	3152, 0.597, NNE
AI192	M & M HOLDING, LLC	629 S. HILL STREET #	ENVIROSTOR	Higher	3229, 0.612, NNE
193	CENTRAL REGION 9TH S	8TH ST./TOWNE AVE./9	SCH, ENVIROSTOR	Higher	3383, 0.641, ESE
AJ194	MGR JEWELRY	314 W SIXTH STREET	EMI, ENVIROSTOR	Higher	3390, 0.642, NNE
AJ195	LENCO JEWELRY, INC	412 W 6TH ST	RCRA-SQG, FINDS, ENVIROSTOR	Higher	3433, 0.650, NNE

MAPPED SITES SUMMARY

Target Property Address:
1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
196	ROYAL PLATING CO	787 E 15TH ST	RCRA-SQG, FINDS, CA FID UST, UST, HIST UST, SWEEPS...	Lower	3535, 0.670, SSE
197	ACE PLATING COMPANY	719 TOWNE	SLIC, CHMIRS, LA Co. Site Mitigation, ENVIROSTOR	Higher	3581, 0.678, East
198	SUNGRO PRODUCTS LLC	810 18TH	NPDES, LA Co. Site Mitigation, ENVIROSTOR	Lower	4064, 0.770, SSE
199	JEFFRIES BANKNOTE CO	1330 WEST PICO BLVD	ENVIROSTOR	Lower	4519, 0.856, WNW
200	SOUTH CENTRAL AREA N	231 EAST 23RD STREET	SCH, ENVIROSTOR	Lower	4646, 0.880, SSW
201	BELMONT NEW PRIMARY	927-937 BLAINE STREE	SCH, ENVIROSTOR	Higher	4678, 0.886, NW
202	TRINITY PRIMARY SITE	TRINITY STREET/23RD	SCH, ENVIROSTOR	Lower	4820, 0.913, SSW
203	BELMONT PRIMARY CENT	950 SOUTH ALBANY STR	SCH, ENVIROSTOR	Higher	4994, 0.946, NW
AK204	CAHUENGA NEW ELEMENT	WESTERN AVENUE/OXFOR	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK205	VINE NEW PRIMARY CEN	LA MIRADA AVE/CAHUEN	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK206	EAST VALLEY MIDDLE S	LAUREL CANYON BOULEV	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK207	CENTRAL LOS ANGELES	BROADWAY/GRAND AVE/3	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK208	JEFFERSON NEW ELEMEN	WADWORTH AVENUE/52ND	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK209	WEEMES ELEMENTARY SC	1201-1203, 1205, 120	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK210	FREMONT NEW PRIMARY	MENLO AVENUE/BARING	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK211	BELMONT NEW PRIMARY	LAKE STREET/ROSELAKE	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK212	EAST LOS ANGELES HIG	BELVEDERE PARK/CESAR	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK213	WILSON NEW ELEMENTAR	HUNTINGTON DR/LIFUR	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK214	MARSHALL NEW PRIMARY	LEXINGTON AVE/WESTMO	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK215	SANTA MONICA NEW PRI	SANTA MONICA BLVD/GO	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE
AK216	EAST VALLEY AREA NEW	VINELAND AVENUE/CUMP	SCH, ENVIROSTOR	Higher	5118, 0.969, NNE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LAX C INC 1100 S MAIN ST LOS ANGELES, CA 90015	HAZNET GEPAID: CAC002579530	N/A
11TH & MAIN PARTNERS 1100-1132 S MAIN ST LOS ANGELES, CA 90015	HAZNET GEPAID: CAC002608498	N/A
1X HANS ENGINEERING 1124 S MAIN STREET LOS ANGELES, CA 90015	HAZNET GEPAID: CAC001071824	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS Engineering Controls Sites List
US INST CONTROL Sites with Institutional Controls
LUCIS Land Use Control Information System

Federal ERNS list

ERNS Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST Aboveground Petroleum Storage Tank Facilities
INDIAN UST Underground Storage Tanks on Indian Land
FEMA UST Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT Waste Management Unit Database

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

US CDL	Clandestine Drug Labs
HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
AOCONCERN	San Gabriel Valley Areas of Concern
CDL	Clandestine Drug Labs
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LIENS	Environmental Liens Listing
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CA BOND EXP. PLAN	Bond Expenditure Plan
NPDES	NPDES Permits Listing
UIC	UIC Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
Notify 65	Proposition 65 Records
LA Co. Site Mitigation	Site Mitigation List
DRYCLEANERS	Cleaner Facilities

LOS ANGELES CO. HMS - HMS: Street Number List
ENF - Enforcement Action Listing
EMI - Emissions Inventory Data
INDIAN RESERV - Indian Reservations
SCRD DRYCLEANERS - State Coalition for Remediation of Drycleaners Listing
US AIRS - Aerometric Information Retrieval System Facility Subsystem
HWT - Registered Hazardous Waste Transporter Database
PROC - Certified Processors Database
Financial Assurance - Financial Assurance Information Listing
WDS - Waste Discharge System
MWMP - Medical Waste Management Program Listing
COAL ASH EPA - Coal Combustion Residues Surface Impoundments List
US FIN ASSUR - Financial Assurance Information
EPA WATCH LIST - EPA WATCH LIST
LEAD SMELTERS - Lead Smelter Sites
PCB TRANSFORMER - PCB Transformer Registration Database
COAL ASH DOE - Steam-Electric Plant Operation Data
2020 COR ACTION - 2020 Corrective Action Program List
PRP - Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST - Recovered Government Archive Leaking Underground Storage Tank
RGA LF - Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DEMOCRATIC NATIONAL	1111 SOUTH FIGUEROA	NW 1/4 - 1/2 (0.486 mi.)	AH183	106

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DISTRIBUTING STATION	1027 SANTEE STREET	E 1/8 - 1/4 (0.136 mi.)	L68	39

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2014 has revealed that there are 8 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A AND B AUTO BODY WO	***1101 S BROADWAY***	***NNW 0 - 1/8 (0.049 mi.)***	***C23***	***19***
ASSOCIATED PRESS	***1111 S HILL ST***	***NW 0 - 1/8 (0.093 mi.)***	***H41***	***30***

Lower Elevation	Address	Direction / Distance	Map ID	Page
M KRADIN INC	***224 E 11TH ST***	***E 0 - 1/8 (0.059 mi.)***	***E28***	***21***
NASCO PETROLEUM LLC	***1325 S BROADWAY***	***WSW 1/8 - 1/4 (0.176 mi.)***	***O109***	***54***
GRAVITY ACTIVEWEAR I	***1333 S MAIN***	***SW 1/8 - 1/4 (0.202 mi.)***	***R130***	***62***
TECHTRON LOS ANGELES	***1220 SO MAPLE AVE***	***SSE 1/8 - 1/4 (0.203 mi.)***	***V131***	***63***
BECK DAVE & CO INC	***1360 S BROADWAY***	***SW 1/8 - 1/4 (0.221 mi.)***	***143***	***68***
CR AND A CUSTOM INC	***312 W PICO BLVD***	***W 1/8 - 1/4 (0.241 mi.)***	***AD153***	***72***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 03/11/2015 has revealed that there are 31 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Facility Id: 60002032 Status: Active	***1108 S HILL STREET***	***NW 0 - 1/8 (0.092 mi.)***	***H40***	***28***
JOHNSON BRONZE COMPA Facility Id: 19340506 Status: Refer: Other Agency	1818 S. GRAND AVENUE	N 1/4 - 1/2 (0.459 mi.)	182	105
UNITED BUILDING ASSO Facility Id: 71003260 Status: Refer: Other Agency	707 S BROADWAY #411	NNE 1/2 - 1 (0.502 mi.)	188	116
LOS ANGELES UNITED I Facility Id: 71003114 Status: Refer: Other Agency	650 S. HILL STREET #	NNE 1/2 - 1 (0.585 mi.)	AI190	120
M & M HOLDING, LLC Facility Id: 71003306 Status: Refer: Other Agency	629 S. HILL STREET #	NNE 1/2 - 1 (0.612 mi.)	AI192	123
CENTRAL REGION 9TH S Facility Id: 60001149 Status: Certified	***8TH ST./TOWNE AVE./9***	***ESE 1/2 - 1 (0.641 mi.)***	***193***	***124***
MGR JEWELRY Facility Id: 71003112 Status: Refer: Other Agency	***314 W SIXTH STREET***	***NNE 1/2 - 1 (0.642 mi.)***	***AJ194***	***131***
LENCO JEWELRY, INC Facility Id: 71003138 Status: Refer: Other Agency	***412 W 6TH ST***	***NNE 1/2 - 1 (0.650 mi.)***	***AJ195***	***132***
ACE PLATING COMPANY Facility Id: 71002245 Status: Inactive - Needs Evaluation	***719 TOWNE***	***E 1/2 - 1 (0.678 mi.)***	***197***	***145***
BELMONT NEW PRIMARY Facility Id: 19750090 Status: Inactive - Needs Evaluation	***927-937 BLAINE STREE***	***NW 1/2 - 1 (0.886 mi.)***	***201***	***157***
BELMONT PRIMARY CENT Facility Id: 19590009 Status: Certified	***950 SOUTH ALBANY STR***	***NW 1/2 - 1 (0.946 mi.)***	***203***	***162***
CAHUENGA NEW ELEMENT Facility Id: 19730195 Status: No Further Action	***WESTERN AVENUE/OXFOR***	***NNE 1/2 - 1 (0.969 mi.)***	***AK204***	***166***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VINE NEW PRIMARY CEN Facility Id: 19650022 Status: Inactive - Action Required	***LA MIRADA AVE/CAHUEN***	***NNE 1/2 - 1 (0.969 mi.)***	***AK205***	***170***
EAST VALLEY MIDDLE S Facility Id: 19750089 Status: Certified	***LAUREL CANYON BOULEV***	***NNE 1/2 - 1 (0.969 mi.)***	***AK206***	***173***
CENTRAL LOS ANGELES Facility Id: 19390058 Status: Certified	***BROADWAY/GRAND AVE/3***	***NNE 1/2 - 1 (0.969 mi.)***	***AK207***	***177***
JEFFERSON NEW ELEMEN Facility Id: 19880016 Status: Certified	***WADWORTH AVENUE/52ND***	***NNE 1/2 - 1 (0.969 mi.)***	***AK208***	***184***
WEEMES ELEMENTARY SC Facility Id: 19880015 Status: Certified	***1201-1203, 1205, 120***	***NNE 1/2 - 1 (0.969 mi.)***	***AK209***	***189***
FREMONT NEW PRIMARY Facility Id: 19880023 Status: No Further Action	***MENLO AVENUE/BARING***	***NNE 1/2 - 1 (0.969 mi.)***	***AK210***	***193***
BELMONT NEW PRIMARY Facility Id: 19880022 Status: No Further Action	***LAKE STREET/ROSELAKE***	***NNE 1/2 - 1 (0.969 mi.)***	***AK211***	***197***
EAST LOS ANGELES HIG Facility Id: 19820069 Status: Inactive - Needs Evaluation	***BELVEDERE PARK/CESAR***	***NNE 1/2 - 1 (0.969 mi.)***	***AK212***	***200***
WILSON NEW ELEMENTAR Facility Id: 19880033 Status: No Further Action	***HUNTINGTON DR/LIFUR***	***NNE 1/2 - 1 (0.969 mi.)***	***AK213***	***203***
MARSHALL NEW PRIMARY Facility Id: 19650016 Status: No Further Action	***LEXINGTON AVE/WESTMO***	***NNE 1/2 - 1 (0.969 mi.)***	***AK214***	***206***
SANTA MONICA NEW PRI Facility Id: 19880035 Status: No Further Action	***SANTA MONICA BLVD/GO***	***NNE 1/2 - 1 (0.969 mi.)***	***AK215***	***209***
EAST VALLEY AREA NEW Facility Id: 19000011 Status: Certified	***VINELAND AVENUE/CUMP***	***NNE 1/2 - 1 (0.969 mi.)***	***AK216***	***212***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Facility Id: 60002033 Status: Active	***1201 S MAIN STREET***	***SW 0 - 1/8 (0.048 mi.)***	***D22***	***17***
LAUSD MASTER AGREEME Facility Id: 19820019 Status: Active	***1449 SOUTH SAN PEDRO***	***SSE 1/2 - 1 (0.519 mi.)***	***189***	***117***
ROYAL PLATING CO Facility Id: 19340770 Status: Certified O&M - Land Use Restrictions Only	***787 E 15TH ST***	***SSE 1/2 - 1 (0.670 mi.)***	***196***	***136***
SUNGRO PRODUCTS LLC Facility Id: 19281202 Status: Refer: Other Agency	***810 18TH***	***SSE 1/2 - 1 (0.770 mi.)***	***198***	***148***

Lower Elevation	Address	Direction / Distance	Map ID	Page
JEFFRIES BANKNOTE CO Facility Id: 19270326 Status: Refer: Other Agency	1330 WEST PICO BLVD	WNW 1/2 - 1 (0.856 mi.)	199	152
SOUTH CENTRAL AREA N Facility Id: 19590012 Status: No Further Action	***231 EAST 23RD STREET***	***SSW 1/2 - 1 (0.880 mi.)***	***200***	***153***
TRINITY PRIMARY SITE Facility Id: 19880058 Status: Inactive - Withdrawn	***TRINITY STREET/23RD***	***SSW 1/2 - 1 (0.913 mi.)***	***202***	***160***

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO Status: Completed - Case Closed Global Id: T0603789214	504 OLYMPIC BLVD. W.	NNW 1/4 - 1/2 (0.300 mi.)	172	86
PROPERTY UNDER CONST Status: Completed - Case Closed Global Id: T0603519348	1050-1070 FLOWER ST.	NW 1/4 - 1/2 (0.387 mi.)	175	94
ARCO #5033 Status: Completed - Case Closed Global Id: T0603708034	1151 S FLOWER ST	NW 1/4 - 1/2 (0.407 mi.)	178	99
UNOCAL CORPORATION Status: Completed - Case Closed Facility Id: 900150070 Status: Case Closed Global Id: T0603700550 Global ID: T0603700550	***730 OLYMPIC BLVD***	***NNW 1/4 - 1/2 (0.458 mi.)***	***181***	***102***
JET DELIVERY Status: Completed - Case Closed Facility Id: 900210107 Status: Leak being confirmed Global Id: T0603700650 Global ID: T0603700650	***750 010TH ST E***	***ESE 1/4 - 1/2 (0.499 mi.)***	***187***	***113***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA DEPARTMENT WATER Status: Open - Site Assessment Global Id: T0603790000	***1324 S WALL ST***	***SSE 1/4 - 1/2 (0.295 mi.)***	***171***	***84***
CAL ST, GEN SERV DEP Status: Completed - Case Closed Global Id: T0603735696	***1525 S BROADWAY***	***SW 1/4 - 1/2 (0.338 mi.)***	***173***	***90***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PILLACK PROPERTY Status: Completed - Case Closed Facility Id: I-14091 Status: Case Closed Global Id: T0603704135 Global ID: T0603704135	1410 GRAND AVE	WSW 1/4 - 1/2 (0.354 mi.)	AG174	92
MOBIL #11-H3K Status: Completed - Case Closed Facility Id: 900150098 Status: Case Closed Global Id: T0603700552 Global ID: T0603700552	1600 HILL ST S	SW 1/4 - 1/2 (0.394 mi.)	176	96
LAUSD - SAFETY SECTI Status: Completed - Case Closed Global Id: T0603788360	1425 S SAN PEDRO ST	SSE 1/4 - 1/2 (0.413 mi.)	179	100
CONVENTION CENTER Status: Completed - Case Closed Facility Id: 900150089 Status: Case Closed Global Id: T0603700551 Global ID: T0603700551	***1201 FIGUEROA ST S***	***WNW 1/4 - 1/2 (0.489 mi.)***	***186***	***108***

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 03/13/2015 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LOS ANGELES Facility Status: Completed - Case Closed Global Id: SL163772345	1111 S FIGUEROA	NW 1/4 - 1/2 (0.486 mi.)	AH184	107
CITY OF LOS ANGELES Facility Status: Remediation	1111 FIGUEROA	NW 1/4 - 1/2 (0.486 mi.)	AH185	108

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LOS ANGELES Facility Status: Site Assessment Facility Status: Completed - Case Closed Global Id: SLT4L1501772	1450 GRAND	WSW 1/4 - 1/2 (0.399 mi.)	AG177	98

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 4 UST

sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MFS INTELENET Facility Id: 24767	1149 S BROADWAY	WNW 0 - 1/8 (0.031 mi.)	B8	11
TRANSAMERICA CORP. Facility Id: 24768	1149 S HILL ST	WNW 0 - 1/8 (0.094 mi.)	I46	33
TRANSAMERICA CENTER/ Facility Id: 24766	1133 S OLIVE ST	NW 1/8 - 1/4 (0.170 mi.)	Q98	51
Not reported Facility Id: 24156	409 W OLYMPIC BLVD	NNW 1/8 - 1/4 (0.244 mi.)	AA158	77

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 03/11/2015 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Status: Active Facility Id: 60002032	***1108 S HILL STREET***	***NW 0 - 1/8 (0.092 mi.)***	***H40***	***28***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Status: Active Facility Id: 60002033	***1201 S MAIN STREET***	***SW 0 - 1/8 (0.048 mi.)***	***D22***	***17***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/16/2015 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
G & P RECYCLING CENT Cert Id: RC203217.001	110 E 17TH ST	SW 1/4 - 1/2 (0.437 mi.)	180	102

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 13 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRANSAMERICA REALTY Status: I Facility Id: 19010041	***150 W 12TH ST***	***W 0 - 1/8 (0.068 mi.)***	***B34***	***26***
OCCUPANT Status: A Facility Id: 19027841	***1149 S HILL ST***	***WNW 0 - 1/8 (0.094 mi.)***	***I44***	***32***
MARK GABAY Status: A Facility Id: 19007503	***1022 S HILL ST***	***N 1/8 - 1/4 (0.163 mi.)***	***N85***	***45***
TRANSAMERICA OCCIDEN Status: A Facility Id: 19020393	***1150 S OLIVE ST***	***NW 1/8 - 1/4 (0.170 mi.)***	***Q94***	***48***
TRANSAMERICA OCCIDEN Status: A Facility Id: 19038113	***1133 S OLIVE ST***	***NW 1/8 - 1/4 (0.170 mi.)***	***Q95***	***49***
CURRENT OCCUPANT Status: A Facility Id: 19022745	***110 E 9TH ST***	***NE 1/8 - 1/4 (0.247 mi.)***	***Y164***	***80***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES HERALD E Status: I Facility Id: 19054181	***1201 S MAIN ST***	***WSW 0 - 1/8 (0.065 mi.)***	***D29***	***23***
LOS ANGELES HERALD E Status: I Facility Id: 19039847	***1111 S BROADWAY***	***WSW 0 - 1/8 (0.065 mi.)***	***D32***	***25***
STANDARD BRANDS PAIN Status: I Facility Id: 19054204	***124 W PICO BLVD***	***WSW 1/8 - 1/4 (0.136 mi.)***	***O73***	***41***
TRANSAMERICA OCCIDEN Status: A Facility Id: 19056453	***150 W PICO BLVD***	***WSW 1/8 - 1/4 (0.146 mi.)***	***O78***	***43***
DAVID SHARE CHEW/HAR Status: A Facility Id: 19012921	***450 E OLYMPIC BLVD***	***E 1/8 - 1/4 (0.243 mi.)***	***Z156***	***75***
VACANT LOT Status: I Facility Id: 19054645	***432 9TH ST***	***E 1/8 - 1/4 (0.248 mi.)***	***Z167***	***82***
GEORGE WISE Status: A Facility Id: 19004770	***420 E 11TH ST***	***ESE 1/8 - 1/4 (0.248 mi.)***	***168***	***82***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 8 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SERVICE STATION 2686 Facility Id: 00000007907	1133 S OLIVE ST	NW 1/8 - 1/4 (0.170 mi.)	Q97	50
GOODYEAR SERVICE CEN Facility Id: 00000029515	940 S HILL ST	N 1/8 - 1/4 (0.245 mi.)	AB161	78
SERVICE STATION 7117 Facility Id: 00000007905	110 E 9TH ST	NE 1/8 - 1/4 (0.247 mi.)	Y163	79

Lower Elevation	Address	Direction / Distance	Map ID	Page
RYDER TRUCK RENTAL Facility Id: 00000066917	100 W 12TH ST	SW 0 - 1/8 (0.047 mi.)	D21	16
LOS ANGELES HERALD E Facility Id: 00000065237	1111 S BROADWAY	WSW 0 - 1/8 (0.065 mi.)	D30	24
LOS ANGELES HERALD E Facility Id: 00000065238 Facility Id: 00000005590	1201 S MAIN ST # 19	WSW 0 - 1/8 (0.065 mi.)	D31	24
STANDARD BRANDS PAIN Facility Id: 00000016999	124 W PICO BLVD	WSW 1/8 - 1/4 (0.136 mi.)	O72	41
D&H SERVICE STATION Facility Id: 00000064581	450 E OLYMPIC BLVD	E 1/8 - 1/4 (0.243 mi.)	Z155	75

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 13 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRANSAMERICA REALTY Comp Number: 7466	***150 W 12TH ST***	***W 0 - 1/8 (0.068 mi.)***	***B34***	***26***
OCCUPANT Status: A Comp Number: 6072	***1149 S HILL ST***	***WNW 0 - 1/8 (0.094 mi.)***	***I44***	***32***
MARK GABAY Comp Number: 6349	***1022 S HILL ST***	***N 1/8 - 1/4 (0.163 mi.)***	***N85***	***45***
TRANSAMERICA OCCIDEN Status: A Comp Number: 5211	***1150 S OLIVE ST***	***NW 1/8 - 1/4 (0.170 mi.)***	***Q94***	***48***
TRANSAMERICA OCCIDEN Status: A Comp Number: 6073	***1133 S OLIVE ST***	***NW 1/8 - 1/4 (0.170 mi.)***	***Q95***	***49***
CURRENT OCCUPANT Status: A Tank Status: A Comp Number: 909	***110 E 9TH ST***	***NE 1/8 - 1/4 (0.247 mi.)***	***Y164***	***80***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES HERALD E Comp Number: 663	***1201 S MAIN ST***	***WSW 0 - 1/8 (0.065 mi.)***	***D29***	***23***
LOS ANGELES HERALD E Comp Number: 3778	***1111 S BROADWAY***	***WSW 0 - 1/8 (0.065 mi.)***	***D32***	***25***
STANDARD BRANDS PAIN Comp Number: 1062	***124 W PICO BLVD***	***WSW 1/8 - 1/4 (0.136 mi.)***	***O73***	***41***
TRANSAMERICA OCCIDEN Comp Number: 7184	***150 W PICO BLVD***	***WSW 1/8 - 1/4 (0.146 mi.)***	***O78***	***43***
DAVID SHARE CHEW/HAR Comp Number: 3775	***450 E OLYMPIC BLVD***	***E 1/8 - 1/4 (0.243 mi.)***	***Z156***	***75***
VACANT LOT Comp Number: 7732	***432 9TH ST***	***E 1/8 - 1/4 (0.248 mi.)***	***Z167***	***82***
GEORGE WISE Comp Number: 7123	***420 E 11TH ST***	***ESE 1/8 - 1/4 (0.248 mi.)***	***168***	***82***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/09/2014 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANACOMP INC	***1149 S BROADWAY ST***	***WNW 0 - 1/8 (0.031 mi.)***	***B7***	***10***
BONE DEEP - HERRALD	1111 S BROADWAY	NW 0 - 1/8 (0.037 mi.)	C10	12
US FEDERAL RESERVE B	***409 W OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.244 mi.)***	***AA157***	***76***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GORDON H JACK INC	***1330 SO LOS ANGELES***	***SSW 1/8 - 1/4 (0.181 mi.)***	***P115***	***57***

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL CORPORATION Reg Id: 900150070	***730 OLYMPIC BLVD***	***NNW 1/4 - 1/2 (0.458 mi.)***	***181***	***102***
JET DELIVERY Reg Id: 900210107	***750 010TH ST E***	***ESE 1/4 - 1/2 (0.499 mi.)***	***187***	***113***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONVENTION CENTER Reg Id: 900150089	***1201 FIGUEROA ST S***	***WNW 1/4 - 1/2 (0.489 mi.)***	***186***	***108***

WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there is 1 WIP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OCCUPANT	***1149 S HILL ST***	***WNW 0 - 1/8 (0.094 mi.)***	***I44***	***32***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 02/23/2015 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS PRECIOUS METAL EPA Id: CAL000098454 Cleanup Status: OPERATING PERMIT	640 S HILL ST	NNE 1/2 - 1 (0.597 mi.)	AI191	121

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 102 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GUARANTEED AUTO SERV	1156 S MAIN ST	WSW 0 - 1/8 (0.006 mi.)	A4	9
MOORE PFEIF	1151 S MAIN ST	W 0 - 1/8 (0.008 mi.)	A5	9
WITTENBERG DAVID	1135 N MAINE AVE	W 0 - 1/8 (0.008 mi.)	A6	9
ASSELIN ANDRE	1201 S BROADWAY	W 0 - 1/8 (0.057 mi.)	B27	21
KELLEY BROS	1127 S HILL ST	WNW 0 - 1/8 (0.094 mi.)	H42	32
FOWLER L D	1129 S HILL ST	WNW 0 - 1/8 (0.094 mi.)	H43	32
HOWIE A S	1102 S HILL ST	NW 0 - 1/8 (0.096 mi.)	H47	33
KEMP B V	1207 S HILL ST	W 0 - 1/8 (0.108 mi.)	I50	34
SOMMERS L O	211 W 12TH ST	W 0 - 1/8 (0.111 mi.)	I51	35
EKLUND FRANK	1216 S HILL ST	W 0 - 1/8 (0.111 mi.)	I52	35
ST HELENS PETROLEUM	1031 S BROADWAY	N 0 - 1/8 (0.112 mi.)	G54	36
MORWAY STEPH	217 W 12TH ST	WNW 0 - 1/8 (0.116 mi.)	I59	37
CAIN EARL	225 W 12TH ST	WNW 0 - 1/8 (0.120 mi.)	I62	37
THOMPSON C H	224 W 12TH ST	WNW 0 - 1/8 (0.121 mi.)	I63	37
PHELEN FRANK	1050 S HILL ST	NNW 1/8 - 1/4 (0.136 mi.)	N69	40

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUCHER E R	1021 S HILL ST	N 1/8 - 1/4 (0.166 mi.)	N86	46
MORRIS J H	1130 S OLIVE ST	NW 1/8 - 1/4 (0.168 mi.)	Q87	46
HOFFMAN JOHANNA MRS	1128 S OLIVE ST	NW 1/8 - 1/4 (0.168 mi.)	Q88	47
JOHNSON J W REAR	1132 S OLIVE ST	NW 1/8 - 1/4 (0.168 mi.)	Q89	47
LUARD L S	1138 S OLIVE ST	NW 1/8 - 1/4 (0.169 mi.)	Q90	47
HOFFMAN E H	1122 S OLIVE ST	NW 1/8 - 1/4 (0.169 mi.)	Q91	47
SCHERER S A	1148 S OLIVE ST	NW 1/8 - 1/4 (0.169 mi.)	Q92	48
WHITLEY J A	1114 S OLIVE ST	NW 1/8 - 1/4 (0.170 mi.)	Q93	48
LUARD L S	1133 S OLIVE ST	NW 1/8 - 1/4 (0.170 mi.)	Q96	50
KELLEY BROS	1127 S OLIVE ST	NW 1/8 - 1/4 (0.170 mi.)	Q99	51
CLEGHORN ROBT	1137 S OLIVE ST	NW 1/8 - 1/4 (0.170 mi.)	Q100	52
SPEEDO ELECTRIC CO	1155 S OLIVE ST	WNW 1/8 - 1/4 (0.171 mi.)	Q102	52
Not reported	250 W OLYMPIC BLVD	N 1/8 - 1/4 (0.171 mi.)	M103	52
CAMP G N	1100 S OLIVE ST	NW 1/8 - 1/4 (0.171 mi.)	Q104	52
RISDEN C W	1115 S OLIVE ST	NW 1/8 - 1/4 (0.171 mi.)	Q105	53
FONTAINE A H	1206 S OLIVE ST	WNW 1/8 - 1/4 (0.177 mi.)	T111	56
BRUCE J R	940 S LOS ANGELES ST	ENE 1/8 - 1/4 (0.179 mi.)	U113	56
SMITH I D	1212 S OLIVE ST	WNW 1/8 - 1/4 (0.179 mi.)	T114	57
DETROIT FENDER CO	1228 S OLIVE ST	WNW 1/8 - 1/4 (0.186 mi.)	S118	59
BRAKE SHOP THE INC	1227 S OLIVE ST	WNW 1/8 - 1/4 (0.186 mi.)	S119	59
OLSON R C	1234 S OLIVE ST	W 1/8 - 1/4 (0.188 mi.)	S120	59
PRATT W M	1027 S OLIVE ST	NNW 1/8 - 1/4 (0.201 mi.)	X126	61
TEXACO COMPANY THE O	929 S BROADWAY	NNE 1/8 - 1/4 (0.202 mi.)	129	62
COPPLE AUTO SERVICE	1032 S OLIVE ST	NNW 1/8 - 1/4 (0.209 mi.)	X135	65
WILKINSON J E	315 W 12TH ST	WNW 1/8 - 1/4 (0.214 mi.)	T138	66
SMITH L J	926 S LOS ANGELES ST	ENE 1/8 - 1/4 (0.216 mi.)	U140	67
CLEGHORN R W	1025 S OLIVE ST	NNW 1/8 - 1/4 (0.216 mi.)	X141	67
EDMONDSON J E	1017 S OLIVE ST	NNW 1/8 - 1/4 (0.223 mi.)	X144	69
BURNHAM CHAS	1008 S OLIVE ST	NNW 1/8 - 1/4 (0.228 mi.)	AA145	69
PARAMOUNT REPAIR SHO	1006 S OLIVE ST	NNW 1/8 - 1/4 (0.230 mi.)	AA146	70
ROSE BENJ	955 S HILL ST	N 1/8 - 1/4 (0.233 mi.)	AB147	70
KNAUB WARREN	910 S LOS ANGELES ST	ENE 1/8 - 1/4 (0.236 mi.)	AC149	70
BORKANSTAN SAML	909 S LOS ANGELES ST	ENE 1/8 - 1/4 (0.239 mi.)	AC151	71
WHITLEY JAS	1148 S GRAND AVE	NW 1/8 - 1/4 (0.247 mi.)	AF166	81
BEGARIE JOHN	916 S HILL ST	N 1/8 - 1/4 (0.248 mi.)	AB169	83

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHLOSSBERG MORRIS	1109 S LOS ANGELES S	E 0 - 1/8 (0.040 mi.)	E13	14
WESTERN AUTO WORKS	1141 S LOS ANGELES S	SE 0 - 1/8 (0.040 mi.)	E14	14
GIBSON T M	100 S LOS ANGELES ST	E 0 - 1/8 (0.041 mi.)	E15	14
GIBSON T M	1100 S LOS ANGELES S	E 0 - 1/8 (0.041 mi.)	E16	14
WESTERN MOTOR SERVIC	1136 S LOS ANGELES S	SE 0 - 1/8 (0.042 mi.)	E17	15
BORKENSTEIN SOL	1144 S LOS ANGELES S	SE 0 - 1/8 (0.042 mi.)	E18	15
COHEN IRVING	1142 S LOS ANGELES S	SE 0 - 1/8 (0.042 mi.)	E19	15
FISH F J	1156 S LOS ANGELES S	SSE 0 - 1/8 (0.042 mi.)	20	16
HAGGERTY W P	118 E 12TH ST	SSW 0 - 1/8 (0.049 mi.)	D24	20
KNOWLES IRVING	214 E 11TH ST	E 0 - 1/8 (0.053 mi.)	E25	21
SINCLAIR WILLARD	1201 S LOS ANGELES S	S 0 - 1/8 (0.068 mi.)	33	26
HALL E V	1215 S MAIN ST	SW 0 - 1/8 (0.077 mi.)	D36	27
KELLEY BROS	1041 S LOS ANGELES S	ENE 0 - 1/8 (0.078 mi.)	F37	27
BOHNSTEDT H J	1220 S MAIN ST	SW 0 - 1/8 (0.080 mi.)	D38	27
JUMBO EQUIPMENT CO	1018 S LOS ANGELES S	ENE 0 - 1/8 (0.100 mi.)	F48	34
CANDEE W D	1015 S LOS ANGELES S	ENE 0 - 1/8 (0.103 mi.)	F49	34
ARNO PAUL	1006 S LOS ANGELES S	ENE 0 - 1/8 (0.112 mi.)	F53	35
Not reported	1240 S MAIN ST	SW 0 - 1/8 (0.112 mi.)	J55	36

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUGHEA JOHN	1102 SANTEE ST	ESE 0 - 1/8 (0.114 mi.)	K56	36
HUGHES J T	1100 SANTEE ST	ESE 0 - 1/8 (0.114 mi.)	K57	36
Not reported	1132 SANTEE ST	SE 0 - 1/8 (0.114 mi.)	K58	36
SUPPE H B	1001 S LOS ANGELES S	ENE 0 - 1/8 (0.117 mi.)	F60	37
KEITH GORDON	1046 SANTEE ST	E 1/8 - 1/4 (0.125 mi.)	L65	38
DUNCAN ZACHARY	118 W PICO BLVD	SW 1/8 - 1/4 (0.136 mi.)	J70	40
LITTON HERBT	124 W PICO BLVD	WSW 1/8 - 1/4 (0.136 mi.)	O71	41
HILLEGAS E K	114 W PICO BLVD	SW 1/8 - 1/4 (0.137 mi.)	J74	42
REBUILT MOTOR EXCHAN	140 W PICO BLVD	WSW 1/8 - 1/4 (0.142 mi.)	O75	42
POPHAM H H	147 W PICO BLVD	WSW 1/8 - 1/4 (0.144 mi.)	O76	43
HEYDEN H A	1260 S LOS ANGELES S	S 1/8 - 1/4 (0.145 mi.)	P77	43
GILCHRIST JOHN	1011 SANTEE ST	E 1/8 - 1/4 (0.147 mi.)	L79	44
AUER HERMAN	120 E PICO BLVD	SSW 1/8 - 1/4 (0.152 mi.)	J81	44
LOTT L G	118 E PICO BLVD	SSW 1/8 - 1/4 (0.152 mi.)	J82	45
PASSFIELD J H	1004 SANTEE ST	E 1/8 - 1/4 (0.153 mi.)	L83	45
WENDROFF CLIFF	1307 S MAIN ST	SW 1/8 - 1/4 (0.159 mi.)	J84	45
CALDARES C C	1315 S MAIN ST	SW 1/8 - 1/4 (0.172 mi.)	R106	53
LOWENSTEIN JOS	1229 S HILL ST	W 1/8 - 1/4 (0.175 mi.)	S108	53
BRACHMAN B B	1325 S LOS ANGELES S	SSW 1/8 - 1/4 (0.176 mi.)	P110	56
LOUGH JACK	1305 S HILL ST	WSW 1/8 - 1/4 (0.178 mi.)	112	56
BENTON BROS	1330 S BROADWAY	SW 1/8 - 1/4 (0.181 mi.)	O116	58
YAGER C A	221 W PICO BLVD	W 1/8 - 1/4 (0.197 mi.)	S121	60
SORRENGINO E H	401 E 12TH ST	SSE 1/8 - 1/4 (0.197 mi.)	V122	60
Not reported	1320 S MAIN ST	SSW 1/8 - 1/4 (0.198 mi.)	R124	61
EWART CHAS	320 E PICO BLVD	S 1/8 - 1/4 (0.199 mi.)	W125	61
ARNET E L	324 E PICO BLVD	S 1/8 - 1/4 (0.201 mi.)	W127	61
HANSEN A C	116 W 14TH PL	SW 1/8 - 1/4 (0.206 mi.)	R133	65
COX J E	421 E 12TH ST	SSE 1/8 - 1/4 (0.211 mi.)	V136	66
SZLADOWSKI B H	1000 MAPLE AVE	E 1/8 - 1/4 (0.213 mi.)	Z137	66
MITSCH HENRY	430 E 12TH ST	SSE 1/8 - 1/4 (0.218 mi.)	V142	67
SHELLENBERGER W R	1313 S OLIVE ST	W 1/8 - 1/4 (0.238 mi.)	AD150	71
ARNET E L	1311 MAPLE AVE	SSE 1/8 - 1/4 (0.244 mi.)	AE159	77
TRAIM M C	1310 MAPLE AVE	SSE 1/8 - 1/4 (0.246 mi.)	AE162	78
CALIFORNIA AUTO WORK	1410 S LOS ANGELES S	SSW 1/8 - 1/4 (0.248 mi.)	170	83

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 25 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STANLEY FARRER	111 W 11TH ST	N 0 - 1/8 (0.035 mi.)	C9	12
ROLDAN ALF	1091/2 S BROADWAY	NNW 0 - 1/8 (0.056 mi.)	C26	21
SKLAR ISEDORE	159 W 12TH ST	W 0 - 1/8 (0.072 mi.)	B35	27
DAVIS EPHRAIM	1063 S BROADWAY	N 0 - 1/8 (0.085 mi.)	G39	28
Not reported	1149 S HILL ST	WNW 0 - 1/8 (0.094 mi.)	I45	33
TIMPE A M	225 W 12TH ST	WNW 0 - 1/8 (0.120 mi.)	I61	37

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILSON L C	208 W 11TH ST	NW 0 - 1/8 (0.123 mi.)	H64	38
MORGAN F F	1013 S BROADWAY	NNE 1/8 - 1/4 (0.130 mi.)	M66	38
Not reported	990 S MAIN ST	NE 1/8 - 1/4 (0.148 mi.)	80	44
CAUNCE THOS	938 S MAIN ST	NE 1/8 - 1/4 (0.208 mi.)	Y134	65
A COMPANY CLEANERS	363 W OLYMPIC BLVD	N 1/8 - 1/4 (0.215 mi.)	AA139	67
KNEWBOW ISADORE	946 S HILL ST	N 1/8 - 1/4 (0.240 mi.)	AB152	71
Not reported	906 S MAIN ST	NE 1/8 - 1/4 (0.244 mi.)	Y160	78
LEE TONG	1146 S GRAND AVE	NW 1/8 - 1/4 (0.247 mi.)	AF165	81

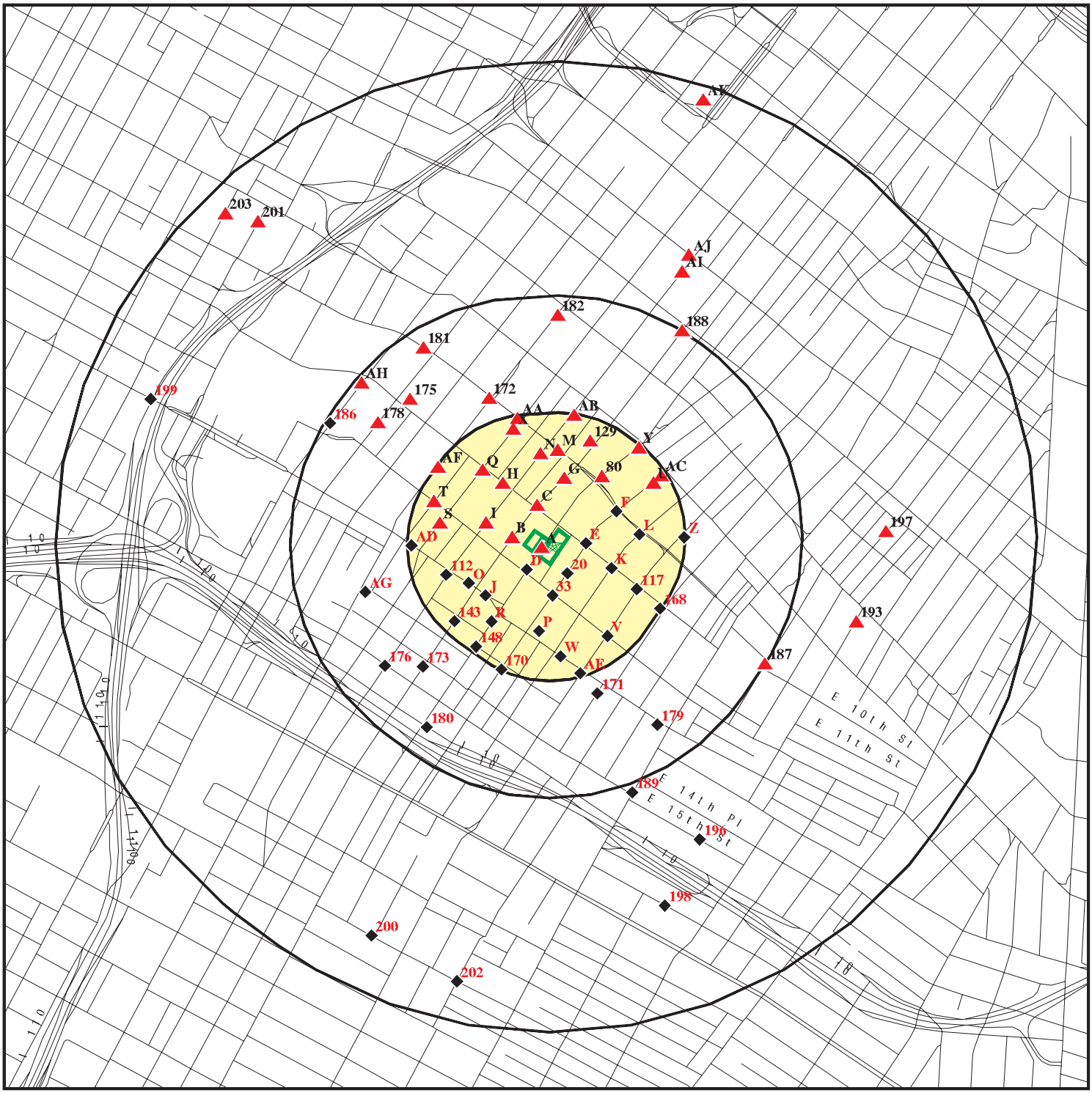
Lower Elevation	Address	Direction / Distance	Map ID	Page
CROWN LAUNDRY CO	1191/2 S MAIN ST	SW 0 - 1/8 (0.039 mi.)	D11	13
WONG CHUNG	1111/2 S LOS ANGELES	E 0 - 1/8 (0.040 mi.)	E12	13
PETERSON G A	115 W PICO BLVD	SW 1/8 - 1/4 (0.132 mi.)	J67	38
VIRGONIS J G	226 E PICO BLVD	S 1/8 - 1/4 (0.171 mi.)	P101	52
VERGONIS JOHN	236 E PICO BLVD	S 1/8 - 1/4 (0.173 mi.)	P107	53
OLIVARES J V	1103 MAPLE AVE	ESE 1/8 - 1/4 (0.184 mi.)	117	59
BRENTON RICHD	1202 MAPLE AVE	SSE 1/8 - 1/4 (0.198 mi.)	V123	60
KENDALL F J	1216 MAPLE AVE	SSE 1/8 - 1/4 (0.202 mi.)	V128	62
PETERSON G A	106 W 14TH PL	SW 1/8 - 1/4 (0.205 mi.)	R132	65
TROY LAUNDRY CO	1400 S MAIN ST	SW 1/8 - 1/4 (0.235 mi.)	148	70
MURPHY J A	1307 MAPLE AVE	SSE 1/8 - 1/4 (0.242 mi.)	AE154	74

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
	CDL
	CDL
BUSINESS SERVICE CENTER GARAGE	LUST
WEST LAWN-LA CENTRAL LIBRARY	LUST
JEWELRY DESIGN CENTER	ENVIROSTOR

OVERVIEW MAP - 4293113.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

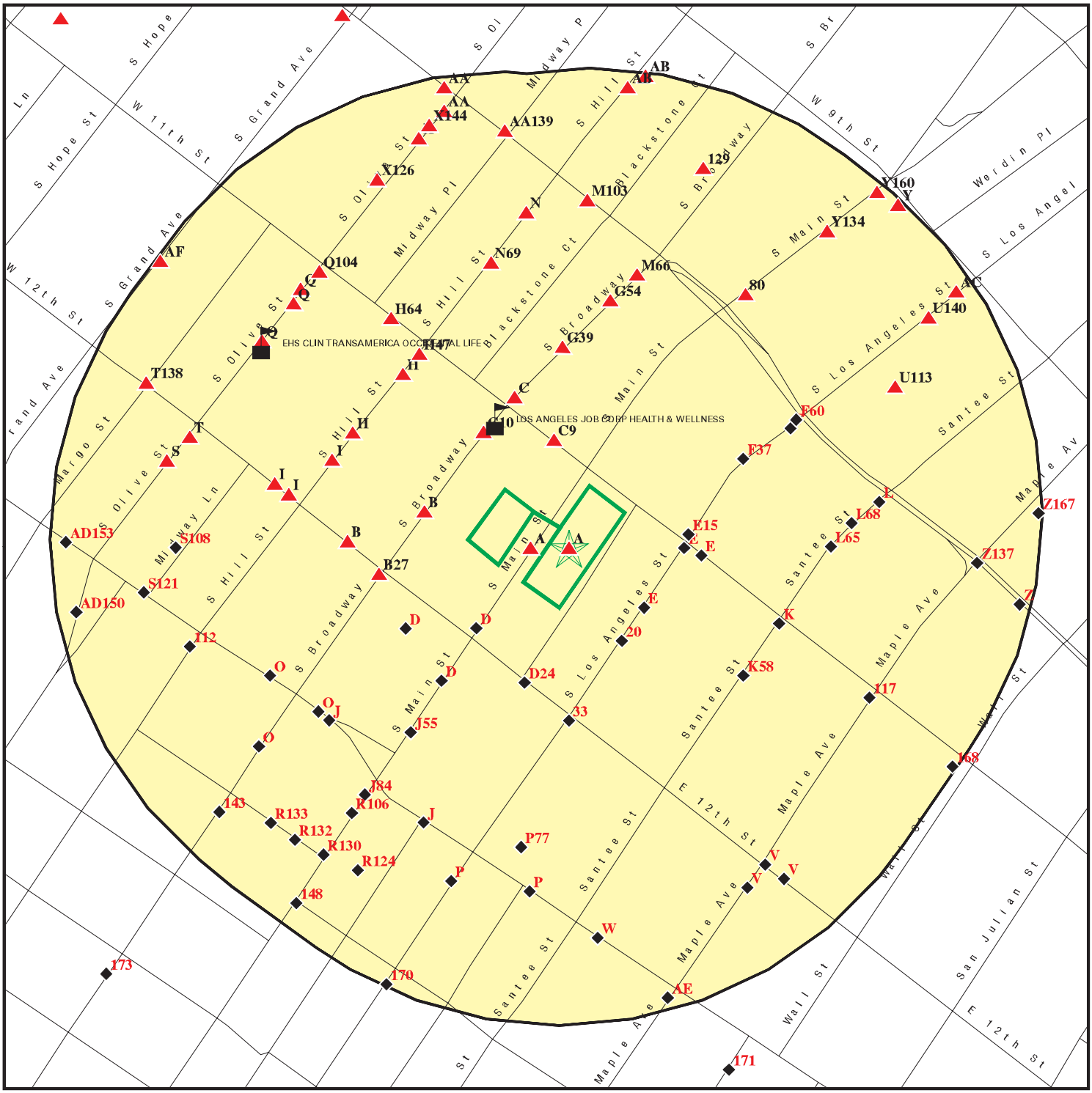
N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	11th & Main Portfolio	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	1100-1132 South Main Street, 106-112 East 11th St Los Angeles CA 90015	CONTACT:	Brett Nielsen
LAT/LONG:	34.0384 / 118.2583	INQUIRY #:	4293113.2s
		DATE:	May 13, 2015 2:36 pm

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DETAIL MAP - 4293113.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	11th & Main Portfolio	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	1100-1132 South Main Street, 106-112 East 11th St Los Angeles CA 90015	CONTACT:	Brett Nielsen
LAT/LONG:	34.0384 / 118.2583	INQUIRY #:	4293113.2s
		DATE:	May 13, 2015 2:40 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	1	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		3	5	NR	NR	NR	8
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		2	0	1	28	NR	31
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	11	NR	NR	11

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	3	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		2	2	NR	NR	NR	4
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		2	0	0	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		4	9	NR	NR	NR	13
HIST UST	0.250		3	5	NR	NR	NR	8
SWEEPS UST	0.250		4	9	NR	NR	NR	13
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	2	NR	NR	NR	4
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	3	NR	NR	3
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		1	0	NR	NR	NR	1
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	3	NR	NR	NR	NR	NR	3
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		36	66	NR	NR	NR	102
EDR US Hist Cleaners	0.250		9	16	NR	NR	NR	25
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		3	68	115	20	29	0	235

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **LAX C INC** **HAZNET** **S112938806**
Target **1100 S MAIN ST** **N/A**
Property **LOS ANGELES, CA 90015**

Site 1 of 6 in cluster A

Actual:
241 ft.

HAZNET:

envid:	S112938806
Year:	2004
GEPAID:	CAC002579530
Contact:	NID SANGSRI
Telephone:	3233439000
Mailing Name:	Not reported
Mailing Address:	1100 S MAIN ST
Mailing City,St,Zip:	LOS ANGELES, CA 900152541
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Oil/water separation sludge
Disposal Method:	Not reported
Tons:	2.33
Facility County:	Los Angeles

A2 **11TH & MAIN PARTNERS LLC** **HAZNET** **S112956449**
Target **1100-1132 S MAIN ST** **N/A**
Property **LOS ANGELES, CA 90015**

Site 2 of 6 in cluster A

Actual:
241 ft.

HAZNET:

envid:	S112956449
Year:	2006
GEPAID:	CAC002608498
Contact:	DARRIN NICKERSON/PARTNER
Telephone:	2133629300
Mailing Name:	Not reported
Mailing Address:	515 S FIGUEROA ST STE 1600
Mailing City,St,Zip:	LOS ANGELES, CA 900713337
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	H-13
Tons:	8.42
Facility County:	Los Angeles

A3 **1X HANS ENGINEERING COMPANY** **HAZNET** **S112864907**
Target **1124 S MAIN STREET** **N/A**
Property **LOS ANGELES, CA 90015**

Site 3 of 6 in cluster A

Actual:
241 ft.

HAZNET:

envid:	S112864907
Year:	1995
GEPAID:	CAC001071824
Contact:	PAK KI WHAN TAUID
Telephone:	2137478879

1X HANS ENGINEERING COMPANY (Continued) **S112864907**

Mailing Name: Not reported
Mailing Address: 3720 W PICO BLVD.
Mailing City,St,Zip: LOS ANGELES, CA 900190000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Recycler
Tons: .2502
Facility County: Los Angeles

A4 **GUARANTEED AUTO SERVICE** **EDR US Hist Auto Stat** **1009078158**
WSW **1156 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.006 mi.
30 ft. **Site 4 of 6 in cluster A**

Relative:
Higher

Actual:
241 ft.

EDR Historical Auto Stations:
Name: GUARANTEED AUTO SERVICE
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

A5 **MOORE PFEIF** **EDR US Hist Auto Stat** **1009082418**
West **1151 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.008 mi.
40 ft. **Site 5 of 6 in cluster A**

Relative:
Higher

Actual:
241 ft.

EDR Historical Auto Stations:
Name: MOORE PFEIF
Year: 1942
Type: AUTOMOBILE REPAIRING

A6 **WITTENBERG DAVID** **EDR US Hist Auto Stat** **1009080272**
West **1135 N MAINE AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.008 mi.
42 ft. **Site 6 of 6 in cluster A**

Relative:
Higher

Actual:
241 ft.

EDR Historical Auto Stations:
Name: WITTENBERG DAVID
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

B7 **ANACOMP INC** **RCRA NonGen / NLR** **1000857889**
WNW **1149 S BROADWAY ST** **FINDS** **CAD983673419**
< 1/8 **LOS ANGELES, CA 90015** **HAZNET**
0.031 mi.
164 ft. **Site 1 of 5 in cluster B**

Relative:
Higher

Actual:
243 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/17/1995
Facility name: ANACOMP INC
Facility address: 1149 S BROADWAY ST
STE B 226 BROADWAY BLDG
LOS ANGELES, CA 90015
EPA ID: CAD983673419
Contact: TONY WEAVER
Contact address: PO BOX 40888
INDIANAPOLIS, IN 462400888
Contact country: US
Contact telephone: (317) 844-9666
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ANACOMP INC
Owner/operator address: P O BOX 40388
INDIANAPOLIS, IN 46240
Owner/operator country: Not reported
Owner/operator telephone: (317) 844-9666
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110059795495

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated

ANACOMP INC (Continued) **1000857889**

Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110002902967

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid:	1000857889
Year:	1995
GEPAID:	CAD983673419
Contact:	ANACOMP INC
Telephone:	6196799797
Mailing Name:	Not reported
Mailing Address:	11075 KNOTT AVE STE B
Mailing City,St,Zip:	CYPRESS, CA 906300000
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1251
Facility County:	Los Angeles

B8 **MFS INTELENET** **UST** **U003780587**
WNW **1149 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.031 mi.
164 ft. **Site 2 of 5 in cluster B**

Relative:
Higher

Actual:
243 ft.

UST:

Facility ID:	24767
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.039896
Longitude:	-118.2588238

C9 **STANLEY FARRER** **EDR US Hist Cleaners** **1009186301**
North **111 W 11TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.035 mi.
184 ft. **Site 1 of 4 in cluster C**

Relative:
Higher

Actual:
243 ft.

EDR Historical Cleaners:

Name:	KENDALL F J
Year:	1929
Type:	CLOTHES PRESSERS CLEANERS AND REPAIRERS
Name:	STANLEY FARRER
Year:	1933
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	FARRER M P
Year:	1937
Type:	CLOTHES PRESSERS AND CLEANERS

C10 **BONE DEEP - HERRALD EXAMINER** **RCRA NonGen / NLR** **1011861571**
NW **1111 S BROADWAY** **CAP000194159**
< 1/8 **LOS ANGELES, CA 90015**
0.037 mi.
194 ft. **Site 2 of 4 in cluster C**

Relative:
Higher

Actual:
244 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/22/2008
Facility name:	BONE DEEP - HERRALD EXAMINER
Facility address:	1111 S BROADWAY LOS ANGELES, CA 90015
EPA ID:	CAP000194159
Mailing address:	10202 W WASHINGTON BLVD COHN 274 CULVER CITY, CA 90232
Contact:	CAROL L REYNOLDS
Contact address:	10202 W WASHINGTON BLVD COHN 274 CULVER CITY, CA 90232
Contact country:	US
Contact telephone:	310-244-8866
Contact email:	CAROL_REYNOLDS@SPE.SONY.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STAGE 6 FILMS INC SCREEN GEMS
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/21/2008
Owner/Op end date:	Not reported
Owner/operator name:	THE HEARST CORP
Owner/operator address:	NO 5 THIRD ST STE 200 SAN FRANCISCO, CA 94103
Owner/operator country:	US

BONE DEEP - HERRALD EXAMINER (Continued) **1011861571**

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1913
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/28/2008
Site name: BONE DEEP - HERRALD EXAMINER
Classification: Small Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

D11 **CROWN LAUNDRY CO** **EDR US Hist Cleaners** **1009191416**
SW **1191/2 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.039 mi.
208 ft. **Site 1 of 10 in cluster D**

Relative:
Lower

Actual:
240 ft.

EDR Historical Cleaners:
Name: CROWN LAUNDRY CO
Year: 1937
Type: LAUNDRIES STEAM

E12 **WONG CHUNG** **EDR US Hist Cleaners** **1009190295**
East **1111/2 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.040 mi.
209 ft. **Site 1 of 10 in cluster E**

Relative:
Lower

Actual:
240 ft.

EDR Historical Cleaners:
Name: WONG CHUNG
Year: 1924
Type: LAUNDRIES ORIENTAL

Name: WONG CHUNG

WONG CHUNG (Continued) **1009190295**

Year: 1929
Type: LAUNDRIES ORIENTAL

Name: WONG CHONG
Year: 1942
Type: LAUNDRIES ORIENTAL

E13 **SCHLOSSBERG MORRIS** **EDR US Hist Auto Stat** **1009079594**
East **1109 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.040 mi.
209 ft. **Site 2 of 10 in cluster E**

Relative:
Lower

Actual:
240 ft.

EDR Historical Auto Stations:
Name: SCHLOSSBERG MORRIS
Year: 1924
Type: AUTOMOBILE REPAIRING

E14 **WESTERN AUTO WORKS** **EDR US Hist Auto Stat** **1009079732**
SE **1141 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.040 mi.
211 ft. **Site 3 of 10 in cluster E**

Relative:
Lower

Actual:
239 ft.

EDR Historical Auto Stations:
Name: WESTERN AUTO WORKS
Year: 1924
Type: AUTOMOBILE REPAIRING

E15 **GIBSON T M** **EDR US Hist Auto Stat** **1009078548**
East **100 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.041 mi.
214 ft. **Site 4 of 10 in cluster E**

Relative:
Lower

Actual:
240 ft.

EDR Historical Auto Stations:
Name: GIBSON T M
Year: 1929
Type: GASOLINE AND OIL SERVICE STATION

E16 **GIBSON T M** **EDR US Hist Auto Stat** **1009079225**
East **1100 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.041 mi.
219 ft. **Site 5 of 10 in cluster E**

Relative:
Lower

Actual:
240 ft.

EDR Historical Auto Stations:
Name: BECKER CHESROWN
Year: 1924
Type: AUTOMOBILE SERVICE STATIONS

Name: GIBSON T M
Year: 1933

GIBSON T M (Continued) **1009079225**

Type: GASOLINE AND OIL SERVICE STATIONS

Name: GIBSON T M
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

Name: MAHAN G W
Year: 1942
Type: GASOLINE AND OIL SERVICE STATIONS

E17 **WESTERN MOTOR SERVICE CO** **EDR US Hist Auto Stat** **1009078491**
SE **1136 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.042 mi.
221 ft. **Site 6 of 10 in cluster E**

Relative:
Lower

Actual:
239 ft.

EDR Historical Auto Stations:
Name: GOODWIN H C
Year: 1924
Type: AUTOMOBILE REPAIRING

Name: WESTERN MOTOR SERVICE CO
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

E18 **BORKENSTEIN SOL** **EDR US Hist Auto Stat** **1009076240**
SE **1144 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.042 mi.
221 ft. **Site 7 of 10 in cluster E**

Relative:
Lower

Actual:
239 ft.

EDR Historical Auto Stations:
Name: BORKENSTEIN SOL
Year: 1924
Type: AUTOMOBILE REPAIRING

E19 **COHEN IRVING** **EDR US Hist Auto Stat** **1009080790**
SE **1142 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.042 mi.
222 ft. **Site 8 of 10 in cluster E**

Relative:
Lower

Actual:
239 ft.

EDR Historical Auto Stations:
Name: COHEN IRVING
Year: 1937
Type: AUTOMOBILE REPAIRING

20
SSE
< 1/8
0.042 mi.
222 ft.

FISH F J
1156 S LOS ANGELES ST
LOS ANGELES, CA

EDR US Hist Auto Stat **1009080174**
N/A

Relative:
Lower

Actual:
239 ft.

EDR Historical Auto Stations:

Name:	FISH F J
Year:	1929
Type:	GASOLINE AND OIL SERVICE STATION
Name:	ANTHONY A E
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	ANTHONY ALBT
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	FISH E J
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

D21
SW
< 1/8
0.047 mi.
246 ft.

RYDER TRUCK RENTAL
100 W 12TH ST
LOS ANGELES, CA 90015

Site 2 of 10 in cluster D

HIST UST **U001560628**
N/A

Relative:
Lower

Actual:
240 ft.

HIST UST:

Region:	STATE
Facility ID:	00000066917
Facility Type:	Other
Other Type:	TRUCK LEASING & RENT
Contact Name:	BOB WARE
Telephone:	2137480911
Owner Name:	HERALD EXAMINER
Owner Address:	1201 SOUTH MAIN
Owner City,St,Zip:	LOS ANGELES, CA 90015
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	4
Container Construction Thickness:	X
Leak Detection:	None

D22 **FC BROADWAY AND HILL 1201 SOUTH MAIN** **VCP** **S117038679**
SW **1201 S MAIN STREET** **ENVIROSTOR** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.048 mi.
255 ft. **Site 3 of 10 in cluster D**

Relative:
Lower

Actual:
239 ft.

VCP:

Facility ID:	60002033
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Site Code:	301671-11
Assembly:	53
Senate:	22
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/14/2014
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.03762 / -118.2600
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE, VEHICLE MAINTENANCE
Potential COC:	30003, 30025, 30550, 30593, 30025, 30272, 30593
Confirmed COC:	30003-NO,30025,30593-NO,30550-NO,, ,30025,30272,30593
Potential Description:	SV
Alias Name:	301671-11
Alias Type:	Project Code (Site Code)
Alias Name:	60002033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/09/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/20/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan

FC BROADWAY AND HILL 1201 SOUTH MAIN (Continued) **S117038679**

Completed Date: 02/10/2015
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 60002033
Status: Active
Status Date: 07/14/2014
Site Code: 301671-11
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Haissam Salloum
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 22
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.03762
Longitude: -118.2600
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE, VEHICLE MAINTENANCE
Potential COC: Benzene TPH-gas Toluene Xylenes TPH-gas Ethylbenzene Xylenes
Confirmed COC: 30003-NO TPH-gas 30593-NO 30550-NO TPH-gas Ethylbenzene Xylenes
Potential Description: SV
Alias Name: 301671-11
Alias Type: Project Code (Site Code)
Alias Name: 60002033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 07/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/20/2014
Comments: Not reported

FC BROADWAY AND HILL 1201 SOUTH MAIN (Continued) **S117038679**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	02/10/2015
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

C23 **A AND B AUTO BODY WORKS** **RCRA-SQG** **1000686077**
NNW **1101 S BROADWAY** **FINDS** **CAD983633009**
< 1/8 **LOS ANGELES, CA 90061**
0.049 mi.
260 ft. **Site 3 of 4 in cluster C**

Relative:
Higher

Actual:
244 ft.

RCRA-SQG:

Date form received by agency:	04/22/1992
Facility name:	A AND B AUTO BODY WORKS
Facility address:	1101 S BROADWAY LOS ANGELES, CA 90061
EPA ID:	CAD983633009
Mailing address:	S BROADWAY LOS ANGELES, CA 90061
Contact:	JAMES PRICE
Contact address:	1101 S BROADWAY LOS ANGELES, CA 90061
Contact country:	US
Contact telephone:	(213) 754-2853
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	A AND B AUTO BODY WORKS
Owner/operator address:	1101 S BROADWAY LOS ANGELES, CA 90061
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 754-2853
Legal status:	Private

A AND B AUTO BODY WORKS (Continued) **1000686077**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002874033

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D24 **HAGGERTY W P** **EDR US Hist Auto Stat** **1009079961**
SSW **118 E 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.049 mi.
261 ft. **Site 4 of 10 in cluster D**

Relative:
Lower

Actual:
238 ft.

EDR Historical Auto Stations:
Name: HAGGERTY W P
Year: 1933
Type: AUTOMOBILE REPAIRING

E25 **KNOWLES IRVING** **EDR US Hist Auto Stat** **1009082573**
East **214 E 11TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.053 mi.
278 ft. **Site 9 of 10 in cluster E**

Relative: EDR Historical Auto Stations:
Lower Name: KNOWLES IRVING
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
240 ft.

C26 **ROLDAN ALF** **EDR US Hist Cleaners** **1009190498**
NNW **1091/2 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA**
0.056 mi.
294 ft. **Site 4 of 4 in cluster C**

Relative: EDR Historical Cleaners:
Higher Name: ROLDAN ALF
Year: 1933
Actual: Type: LAUNDRIES HAND
244 ft.

B27 **ASSELIN ANDRE** **EDR US Hist Auto Stat** **1009080021**
West **1201 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA**
0.057 mi.
301 ft. **Site 3 of 5 in cluster B**

Relative: EDR Historical Auto Stations:
Higher Name: ASSELIN ANDRE
Year: 1929
Actual: Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS
241 ft.

Name: RICHARDS COWAN
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

E28 **M KRADIN INC** **RCRA-SQG** **1000352906**
East **224 E 11TH ST** **FINDS** **CAD981368673**
< 1/8 **LOS ANGELES, CA 90015**
0.059 mi.
313 ft. **Site 10 of 10 in cluster E**

Relative: RCRA-SQG:
Lower Date form received by agency: 01/22/1986
Facility name: M KRADIN INC
Actual: Facility address: 224 E 11TH ST
240 ft. LOS ANGELES, CA 90015
EPA ID: CAD981368673
Mailing address: E 11TH ST
LOS ANGELES, CA 90015
Contact: ENVIRONMENTAL MANAGER
Contact address: 224 E 11TH ST
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: (213) 748-8496
Contact email: Not reported

M KRADIN INC (Continued) **1000352906**

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KRADIN MARTIN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002682721

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

M KRADIN INC (Continued) **1000352906**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D29 **LOS ANGELES HERALD EXAMINER** **CA FID UST** **S101629310**
WSW **1201 S MAIN ST** **SWEEPS UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.065 mi.
342 ft. **Site 5 of 10 in cluster D**

Relative:
Lower

Actual:
240 ft.

CA FID UST:

Facility ID:	19054181
Regulated By:	UTNKI
Regulated ID:	00005590
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137448000
Mail To:	Not reported
Mailing Address:	959 8TH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

SWEEPS UST:

Status:	Not reported
Comp Number:	663
Number:	Not reported
Board Of Equalization:	44-011326
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000663-000001
Tank Status:	Not reported
Capacity:	9950
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

D30 **LOS ANGELES HERALD EXAMINER** **HIST UST** **U001560616**
WSW **1111 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.065 mi.
342 ft. **Site 6 of 10 in cluster D**

Relative:
Lower

Actual:
240 ft.

HIST UST:

Region:	STATE
Facility ID:	00000065237
Facility Type:	Other
Other Type:	NEWSPAPER
Contact Name:	RAY WILLIS
Telephone:	2137448219
Owner Name:	THE HEARST CORPORATION
Owner Address:	959 EIGHTH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Total Tanks:	0002
Tank Num:	001
Container Num:	41993 A
Year Installed:	1948
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	41993 B
Year Installed:	1948
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test

D31 **LOS ANGELES HERALD EXAMINER** **HIST UST** **U001560617**
WSW **1201 S MAIN ST # 19** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.065 mi.
342 ft. **Site 7 of 10 in cluster D**

Relative:
Lower

Actual:
240 ft.

HIST UST:

Region:	STATE
Facility ID:	00000005590
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	RYDER TRUCK LEASE/BOB WARE
Telephone:	2137448000
Owner Name:	HEARST CORPORATION
Owner Address:	959 EIGHTH AVENUE
Owner City,St,Zip:	NEW YORK CITY, NY 10019
Total Tanks:	0001
Tank Num:	001
Container Num:	9950
Year Installed:	1964
Tank Capacity:	00009950
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL

LOS ANGELES HERALD EXAMINER (Continued) **U001560617**

Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	001
Container Num:	9,950
Year Installed:	1964
Tank Capacity:	00009950
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

D32 LOS ANGELES HERALD EXAMINER **CA FID UST S101617170**
WSW 1111 S BROADWAY **SWEEPS UST N/A**
< 1/8 LOS ANGELES, CA 90015
0.065 mi.
342 ft. Site 8 of 10 in cluster D

Relative:
Lower

Actual:
240 ft.

CA FID UST:

Facility ID:	19039847
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137448219
Mail To:	Not reported
Mailing Address:	1111 S BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

SWEEPS UST:

Status:	Not reported
Comp Number:	3778
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

33
South
< 1/8
0.068 mi.
358 ft.

SINCLAIR WILLARD
1201 S LOS ANGELES ST
LOS ANGELES, CA

EDR US Hist Auto Stat **1009080643**
N/A

Relative:
Lower

Actual:
237 ft.

EDR Historical Auto Stations:

Name:	SINCLAIR WILLARD
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	SINCLAIR WILLARD
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

B34
West
< 1/8
0.068 mi.
359 ft.

TRANSAMERICA REALTY SERVICES
150 W 12TH ST
LOS ANGELES, CA 90015

Site 4 of 5 in cluster B

CA FID UST **S101584268**
SWEEPS UST **N/A**

Relative:
Higher

Actual:
242 ft.

CA FID UST:

Facility ID:	19010041
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	150 W 12TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

SWEEPS UST:

Status:	Not reported
Comp Number:	7466
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

B35 **SKLAR ISEDORE** **EDR US Hist Cleaners** **1009189552**
West **159 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.072 mi.
380 ft. **Site 5 of 5 in cluster B**

Relative: EDR Historical Cleaners:
Higher
Name: SKLAR ISEDORE
Year: 1929
Actual: Type: CLOTHES PRESSERS CLEANERS AND REPAIRERS
242 ft.

Name: SKLAR ISAAC
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

D36 **HALL E V** **EDR US Hist Auto Stat** **1009079228**
SW **1215 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.077 mi.
405 ft. **Site 9 of 10 in cluster D**

Relative: EDR Historical Auto Stations:
Lower
Name: HALL E V
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
238 ft.

F37 **KELLEY BROS** **EDR US Hist Auto Stat** **1009080493**
ENE **1041 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.078 mi.
412 ft. **Site 1 of 5 in cluster F**

Relative: EDR Historical Auto Stations:
Lower
Name: KELLEY BROS
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
240 ft.

D38 **BOHNSTEDT H J** **EDR US Hist Auto Stat** **1009081071**
SW **1220 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.080 mi.
423 ft. **Site 10 of 10 in cluster D**

Relative: EDR Historical Auto Stations:
Lower
Name: BOHNSTEDT H J
Year: 1933
Actual: Type: AUTOMOBILE REPAIRING
238 ft.

G39 **DAVIS EPHRAIM** **EDR US Hist Cleaners** **1009185209**
North **1063 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA**
0.085 mi.
447 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
245 ft.

EDR Historical Cleaners:

Name:	DAVIS EPHRAIM
Year:	1929
Type:	CLOTHES PRESSERS CLEANERS AND REPAIRERS

H40 **FC BROADWAY AND HILL 1108 SOUTH HILL** **VCP** **S117038678**
NW **1108 S HILL STREET** **ENVIROSTOR** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.092 mi.
487 ft. **Site 1 of 6 in cluster H**

Relative:
Higher

Actual:
245 ft.

VCP:

Facility ID:	60002032
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.06
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Site Code:	301670-11
Assembly:	53
Senate:	22
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/14/2014
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.03961 / -118.2600
APN:	NONE SPECIFIED
Past Use:	UNDERGROUND STORAGE TANKS
Potential COC:	30022, 30027, 30272, 30484, 30593
Confirmed COC:	30022,30484,30272,30593,30027
Potential Description:	SOIL, SV
Alias Name:	301670-11
Alias Type:	Project Code (Site Code)
Alias Name:	60002032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/09/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 07/09/2014
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 60002032
Status: Active
Status Date: 07/14/2014
Site Code: 301670-11
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.06
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Haissam Salloum
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 22
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.03961
Longitude: -118.2600
APN: NONE SPECIFIED
Past Use: UNDERGROUND STORAGE TANKS
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Ethylbenzene Naphthalene Xylenes
Confirmed COC: Tetrachloroethylene (PCE Naphthalene Ethylbenzene Xylenes Trichloroethylene (TCE
Potential Description: SOIL, SV
Alias Name: 301670-11
Alias Type: Project Code (Site Code)
Alias Name: 60002032
Alias Type: Envirostor ID Number

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/09/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	02/10/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/09/2014
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

H41 **ASSOCIATED PRESS** **RCRA-SQG** **1000327991**
NW **1111 S HILL ST** **FINDS** **CAD982522054**
< 1/8 **LOS ANGELES, CA 90015**
0.093 mi.
493 ft. **Site 2 of 6 in cluster H**

Relative:
Higher

Actual:
245 ft.

RCRA-SQG:

Date form received by agency:	11/27/1989
Facility name:	ASSOCIATED PRESS
Facility address:	1111 S HILL ST LOS ANGELES, CA 90015
EPA ID:	CAD982522054
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1111 S HILL ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 746-1200
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

ASSOCIATED PRESS (Continued) **1000327991**

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ASSOCIATED PRESS
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002841051

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

H42 **KELLEY BROS** **EDR US Hist Auto Stat** **1009082564**
WNW **1127 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.094 mi.
494 ft. **Site 3 of 6 in cluster H**

Relative:
Higher

Actual:
244 ft.

EDR Historical Auto Stations:
Name: KELLEY BROS
Year: 1937
Type: AUTOMOBILE REPAIRING

H43 **FOWLER L D** **EDR US Hist Auto Stat** **1009081697**
WNW **1129 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.094 mi.
494 ft. **Site 4 of 6 in cluster H**

Relative:
Higher

Actual:
244 ft.

EDR Historical Auto Stations:
Name: FOWLER L D
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

I44 **OCCUPANT** **CA FID UST** **S101585711**
WNW **1149 S HILL ST** **SWEEPS UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015** **WIP**
0.094 mi.
498 ft. **Site 1 of 10 in cluster I**

Relative:
Higher

Actual:
243 ft.

CA FID UST:
Facility ID: 19027841
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137422671
Mail To: Not reported
Mailing Address: 1149 S HILL ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 6072
Number: 9
Board Of Equalization: Not reported
Referral Date: 03-10-93
Action Date: 03-10-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported

OCCUPANT (Continued) **S101585711**

Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

WIP:
Region: 4
File Number: 108.0100
File Status: Not reported
Staff: UNIDENTIFIED
Facility Suite: Not reported

I45 **EDR US Hist Cleaners** **1014978185**
WNW **1149 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.094 mi.
498 ft. **Site 2 of 10 in cluster I**

Relative:
Higher

Actual:
243 ft.

EDR Historical Cleaners:
Name: SLOANS DRY CLEANERS & LAUNDRY
Year: 1999
Address: 1149 S HILL ST

Name: JOY CLEANERS
Year: 2003
Address: 1149 S HILL ST

I46 **TRANSAMERICA CORP.** **UST** **U003880022**
WNW **1149 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.094 mi.
498 ft. **Site 3 of 10 in cluster I**

Relative:
Higher

Actual:
243 ft.

UST:
Facility ID: 24768
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0406283
Longitude: -118.2597308

H47 **HOWIE A S** **EDR US Hist Auto Stat** **1009080178**
NW **1102 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.096 mi.
507 ft. **Site 5 of 6 in cluster H**

Relative:
Higher

Actual:
246 ft.

EDR Historical Auto Stations:
Name: HOWIE A S
Year: 1929
Type: GASOLINE AND OIL SERVICE STATION

Name: HOWIE A S
Year: 1937

HOWIE A S (Continued) **1009080178**

Type: GASOLINE AND OIL SERVICE STATIONS

F48 **JUMBO EQUIPMENT CO** **EDR US Hist Auto Stat** **1009076148**
ENE **1018 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.100 mi.
527 ft. **Site 2 of 5 in cluster F**

Relative:
Lower

Actual:
240 ft.

EDR Historical Auto Stations:

Name: BELL J A J W
Year: 1924
Type: AUTOMOBILE REPAIRING

Name: JUMBO EQUIPMENT CO
Year: 1942
Type: AUTOMOBILE REPAIRING

F49 **CANDEE W D** **EDR US Hist Auto Stat** **1009077233**
ENE **1015 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.103 mi.
546 ft. **Site 3 of 5 in cluster F**

Relative:
Lower

Actual:
240 ft.

EDR Historical Auto Stations:

Name: CANDEE W D
Year: 1924
Type: AUTOMOBILE REPAIRING

I50 **KEMP B V** **EDR US Hist Auto Stat** **1009081752**
West **1207 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.108 mi.
569 ft. **Site 4 of 10 in cluster I**

Relative:
Higher

Actual:
242 ft.

EDR Historical Auto Stations:

Name: KEMP B V
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: SIMONIN RENE
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: KEMP B V
Year: 1942
Type: AUTOMOBILE REPAIRING

I51 **SOMMERS L O** **EDR US Hist Auto Stat** **1009079998**
West **211 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.111 mi.
584 ft. **Site 5 of 10 in cluster I**

Relative:
Higher

Actual:
242 ft.

EDR Historical Auto Stations:

Name:	SOMMERS L O
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	SOMMERS L O
Year:	1933
Type:	AUTOMOBILE REPAIRING
Name:	SOMMERS L O
Year:	1937
Type:	AUTOMOBILE REPAIRING
Name:	HUNT A F
Year:	1942
Type:	AUTOMOBILE REPAIRING
Name:	SOMMERS L O
Year:	1942
Type:	AUTOMOBILE REPAIRING

I52 **EKLUND FRANK** **EDR US Hist Auto Stat** **1009081401**
West **1216 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.111 mi.
588 ft. **Site 6 of 10 in cluster I**

Relative:
Higher

Actual:
242 ft.

EDR Historical Auto Stations:

Name:	EKLUND FRANK
Year:	1933
Type:	AUTOMOBILE REPAIRING

F53 **ARNO PAUL** **EDR US Hist Auto Stat** **1009080018**
ENE **1006 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.112 mi.
589 ft. **Site 4 of 5 in cluster F**

Relative:
Lower

Actual:
240 ft.

EDR Historical Auto Stations:

Name:	ARNO PAUL
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS

G54 **ST HELENS PETROLEUM CORP OFFICE** **EDR US Hist Auto Stat** **1009081687**
North **1031 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA**
0.112 mi.
590 ft. **Site 2 of 2 in cluster G**

Relative: EDR Historical Auto Stations:
Higher Name: ST HELENS PETROLEUM CORP OFFICE
Year: 1937
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
246 ft.

J55 **EDR US Hist Auto Stat** **1015191090**
SW **1240 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.112 mi.
594 ft. **Site 1 of 7 in cluster J**

Relative: EDR Historical Auto Stations:
Lower Name: ARCO APPAREL
Year: 2001
Actual: Address: 1240 S MAIN ST
236 ft.

K56 **HUGHEA JOHN** **EDR US Hist Auto Stat** **1009080184**
ESE **1102 SANTEE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.114 mi.
601 ft. **Site 1 of 3 in cluster K**

Relative: EDR Historical Auto Stations:
Lower Name: HUGHEA JOHN
Year: 1937
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
238 ft.

K57 **HUGHES J T** **EDR US Hist Auto Stat** **1009082734**
ESE **1100 SANTEE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.114 mi.
601 ft. **Site 2 of 3 in cluster K**

Relative: EDR Historical Auto Stations:
Lower Name: HUGHES J T
Year: 1942
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
238 ft.

K58 **EDR US Hist Auto Stat** **1015164180**
SE **1132 SANTEE ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.114 mi.
601 ft. **Site 3 of 3 in cluster K**

Relative: EDR Historical Auto Stations:
Lower Name: PRODRESSO ENTERPRISES INC
Year: 2010
Actual: Address: 1132 SANTEE ST
238 ft.

I59 **MORWAY STEPH** **EDR US Hist Auto Stat** **1009079434**
WNW **217 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.116 mi.
610 ft. **Site 7 of 10 in cluster I**

Relative:
Higher

Actual:
243 ft.

EDR Historical Auto Stations:
Name: MORWAY STEPH
Year: 1933
Type: AUTOMOBILE REPAIRING

F60 **SUPPE H B** **EDR US Hist Auto Stat** **1009081907**
ENE **1001 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.117 mi.
617 ft. **Site 5 of 5 in cluster F**

Relative:
Lower

Actual:
240 ft.

EDR Historical Auto Stations:
Name: SUPPE H B
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

I61 **TIMPE A M** **EDR US Hist Cleaners** **1009191558**
WNW **225 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.120 mi.
636 ft. **Site 8 of 10 in cluster I**

Relative:
Higher

Actual:
243 ft.

EDR Historical Cleaners:
Name: TIMPE A M
Year: 1937
Type: CLEANERS GARMENTS CURTAINS AND DRAPERIES

I62 **CAIN EARL** **EDR US Hist Auto Stat** **1009079484**
WNW **225 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.120 mi.
636 ft. **Site 9 of 10 in cluster I**

Relative:
Higher

Actual:
243 ft.

EDR Historical Auto Stations:
Name: CAIN EARL
Year: 1933
Type: AUTOMOBILE REPAIRING

I63 **THOMPSON C H** **EDR US Hist Auto Stat** **1009079620**
WNW **224 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.121 mi.
640 ft. **Site 10 of 10 in cluster I**

Relative:
Higher

Actual:
243 ft.

EDR Historical Auto Stations:
Name: THOMPSON C H
Year: 1924
Type: AUTOMOBILE REPAIRING

H64 **WILSON L C** **EDR US Hist Cleaners** **1009191687**
NW **208 W 11TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.123 mi.
651 ft. **Site 6 of 6 in cluster H**

Relative: EDR Historical Cleaners:
Higher
Name: WILSON L C
Year: 1929
Actual: Type: CLOTHES PRESSERS CLEANERS AND REPAIRERS
246 ft.

L65 **KEITH GORDON** **EDR US Hist Auto Stat** **1009082563**
East **1046 SANTEE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.125 mi.
661 ft. **Site 1 of 4 in cluster L**

Relative: EDR Historical Auto Stations:
Lower
Name: KEITH GORDON
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
239 ft.

M66 **MORGAN F F** **EDR US Hist Cleaners** **1009192326**
NNE **1013 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.130 mi.
685 ft. **Site 1 of 2 in cluster M**

Relative: EDR Historical Cleaners:
Higher
Name: MORGAN F F
Year: 1937
Actual: Type: CLOTHES PRESSERS AND CLEANERS
247 ft.

J67 **PETERSON G A** **EDR US Hist Cleaners** **1009189328**
SW **115 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.132 mi.
698 ft. **Site 2 of 7 in cluster J**

Relative: EDR Historical Cleaners:
Lower
Name: PETERSON G A
Year: 1929
Actual: Type: CLOTHES PRESSERS CLEANERS AND REPAIRERS
237 ft.

Name: PETERSON G A
Year: 1929
Type: CLOTHES PRESSERS CLEANERS AND REPAIRERS

Name: PETERSON G A
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

L68 **DISTRIBUTING STATION 34** **RCRA-LQG** **1014386587**
East **1027 SANTEE STREET** **CAC002645916**
1/8-1/4 **LOS ANGELES, CA 90015**
0.136 mi.
719 ft. **Site 2 of 4 in cluster L**

Relative:
Lower

Actual:
239 ft.

RCRA-LQG:

Date form received by agency:	06/09/2010
Facility name:	DISTRIBUTING STATION 34
Facility address:	1027 SANTEE STREET LOS ANGELES, CA 90015
EPA ID:	CAC002645916
Mailing address:	111 NORTH HOPE STREET ROOM 1050 111 NORTH HOPE STREET, CA 90012
Contact:	MARK J SEDLACEK
Contact address:	111 NORTH HOPE STREET ROOM 1050 LOS ANGELES, CA 90012
Contact country:	US
Contact telephone:	(213) 367-0403
Contact email:	MARK J. SEDLACEK
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	MARK J. SEDLACEK
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1937
Owner/Op end date:	Not reported

Owner/operator name:	LA DEPT. OF WATER & POWER
Owner/operator address:	111 NORTH HOPE STREET ROOM 1050 LOS ANGELES, CA 90012
Owner/operator country:	US
Owner/operator telephone:	(213) 367-0403
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1937
Owner/Op end date:	Not reported

Handler Activities Summary:

DISTRIBUTING STATION 34 (Continued) **1014386587**

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 352
. Waste name: 352

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

N69 **PHELEN FRANK** **EDR US Hist Auto Stat** **1009078040**
NNW **1050 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.136 mi.
719 ft. **Site 1 of 3 in cluster N**

Relative:
Higher

EDR Historical Auto Stations:
Name: PHELEN FRANK
Year: 1924

Actual:
248 ft.

Type: AUTOMOBILE REPAIRING

J70 **DUNCAN ZACHARY** **EDR US Hist Auto Stat** **1009076891**
SW **118 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.136 mi.
719 ft. **Site 3 of 7 in cluster J**

Relative:
Lower

EDR Historical Auto Stations:
Name: DUNCAN ZACHARY
Year: 1924

Actual:
236 ft.

Type: AUTOMOBILE REPAIRING

O71 **LITTON HERBT** **EDR US Hist Auto Stat** **1009077743**
WSW **124 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.136 mi.
720 ft. **Site 1 of 8 in cluster O**

Relative:
Lower

Actual:
237 ft.

EDR Historical Auto Stations:

Name:	LITTON HERBT
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	GRABLE J H
Year:	1942
Type:	AUTOMOBILE REPAIRING

O72 **STANDARD BRANDS PAINT - #1** **HIST UST** **U001560631**
WSW **124 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.136 mi.
720 ft. **Site 2 of 8 in cluster O**

Relative:
Lower

Actual:
237 ft.

HIST UST:

Region:	STATE
Facility ID:	00000016999
Facility Type:	Other
Other Type:	RETAIL PAINT
Contact Name:	WILLIE MENDOZA
Telephone:	2137482933
Owner Name:	STANDARD BRANDS PAINT COMPANY
Owner Address:	TORRANCE
Owner City,St,Zip:	TORRANCE, CA 90509
Total Tanks:	0001
Tank Num:	001
Container Num:	SBP-001-1
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	3/8
Leak Detection:	Stock Inventor

O73 **STANDARD BRANDS PAINT - #1** **CA FID UST** **S101617175**
WSW **124 W PICO BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.136 mi.
720 ft. **Site 3 of 8 in cluster O**

Relative:
Lower

Actual:
237 ft.

CA FID UST:

Facility ID:	19054204
Regulated By:	UTNKI
Regulated ID:	00016999
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137482933
Mail To:	Not reported
Mailing Address:	4300 W 190TH ST
Mailing Address 2:	Not reported

STANDARD BRANDS PAINT - #1 (Continued) **S101617175**

Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:
Status: Not reported
Comp Number: 1062
Number: Not reported
Board Of Equalization: 44-011553
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001062-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: 1

J74 **HILLEGAS E K** **EDR US Hist Auto Stat** **1009077229**
SW **114 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.137 mi.
721 ft. **Site 4 of 7 in cluster J**

Relative:
Lower

Actual:
236 ft.

EDR Historical Auto Stations:
Name: CALIFORNIA CYLINDER INLAY CO INC
Year: 1924
Type: AUTOMOBILE REPAIRING

Name: HILLEGAS E K
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

O75 **REBUILT MOTOR EXCHANGE** **EDR US Hist Auto Stat** **1009084301**
WSW **140 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.142 mi.
751 ft. **Site 4 of 8 in cluster O**

Relative:
Lower

Actual:
237 ft.

EDR Historical Auto Stations:
Name: REBUILT MOTOR EXCHANGE
Year: 1942
Type: AUTOMOBILE REPAIRING

O76
WSW
1/8-1/4
0.144 mi.
759 ft.

POPHAM H H
147 W PICO BLVD
LOS ANGELES, CA

Site 5 of 8 in cluster O

EDR US Hist Auto Stat **1009078103**
N/A

Relative:
Lower

Actual:
237 ft.

EDR Historical Auto Stations:

Name:	POPHAM H H
Year:	1924
Type:	AUTOMOBILE REPAIRING
Name:	BARNES R E
Year:	1933
Type:	AUTOMOBILE REPAIRING

P77
South
1/8-1/4
0.145 mi.
766 ft.

HEYDEN H A
1260 S LOS ANGELES ST
LOS ANGELES, CA

Site 1 of 5 in cluster P

EDR US Hist Auto Stat **1009081690**
N/A

Relative:
Lower

Actual:
234 ft.

EDR Historical Auto Stations:

Name:	HEYDEN H A
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS

O78
WSW
1/8-1/4
0.146 mi.
772 ft.

TRANSAMERICA OCCIDENTAL LIFE
150 W PICO BLVD
LOS ANGELES, CA 90015

Site 6 of 8 in cluster O

CA FID UST **S101588213**
SWEEPS UST **N/A**

Relative:
Lower

Actual:
237 ft.

CA FID UST:

Facility ID:	19056453
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	150 W PICO BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	7184
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported

TRANSAMERICA OCCIDENTAL LIFE (Continued) **S101588213**

Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

L79 **GILCHRIST JOHN** **EDR US Hist Auto Stat** **1009078140**
East **1011 SANTEE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.147 mi.
777 ft. **Site 3 of 4 in cluster L**

Relative:
Lower

Actual:
239 ft.

EDR Historical Auto Stations:

Name:	GILCHRIST JOHN
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	GILCHRIST JOHN
Year:	1933
Type:	AUTOMOBILE REPAIRING

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80 **EDR US Hist Cleaners** **1015109945**
NE **990 S MAIN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.148 mi.
782 ft.

Relative:
Higher

Actual:
245 ft.

EDR Historical Cleaners:

Name:	123 CARPET CLEANERS
Year:	2011
Address:	990 S MAIN ST
Name:	123 CARPET CLEANERS
Year:	2012
Address:	990 S MAIN ST

J81 **AUER HERMAN** **EDR US Hist Auto Stat** **1009079048**
SSW **120 E PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.152 mi.
802 ft. **Site 5 of 7 in cluster J**

Relative:
Lower

Actual:
234 ft.

EDR Historical Auto Stations:

Name:	AUER HERMAN
Year:	1933
Type:	AUTOMOBILE REPAIRING

J82 **LOTT L G** **EDR US Hist Auto Stat** **1009076572**
SSW **118 E PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.152 mi.
803 ft. **Site 6 of 7 in cluster J**

Relative:
Lower

Actual:
234 ft.

EDR Historical Auto Stations:

Name:	LOTT L G
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	LOTT L G
Year:	1937
Type:	AUTOMOBILE REPAIRING

L83 **PASSFIELD J H** **EDR US Hist Auto Stat** **1009078353**
East **1004 SANTEE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.153 mi.
806 ft. **Site 4 of 4 in cluster L**

Relative:
Lower

Actual:
239 ft.

EDR Historical Auto Stations:

Name:	PASSFIELD J H
Year:	1924
Type:	AUTOMOBILE REPAIRING
Name:	PASSFIELD J H
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS

J84 **WENDROFF CLIFF** **EDR US Hist Auto Stat** **1009081486**
SW **1307 S MAIN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.159 mi.
838 ft. **Site 7 of 7 in cluster J**

Relative:
Lower

Actual:
235 ft.

EDR Historical Auto Stations:

Name:	WENDORFF C H
Year:	1933
Type:	AUTOMOBILE REPAIRING
Name:	WENDROFF CLIFF
Year:	1937
Type:	AUTOMOBILE REPAIRING

N85 **MARK GABAY** **CA FID UST** **S101583946**
North **1022 S HILL ST** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.163 mi.
862 ft. **Site 2 of 3 in cluster N**

Relative:
Higher

Actual:
250 ft.

CA FID UST:

Facility ID:	19007503
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported

MARK GABAY (Continued) **S101583946**

Facility Phone: 2136594409
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 6349
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

N86 **BUCHER E R** **EDR US Hist Auto Stat** **1009077219**
North **1021 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.166 mi.
879 ft. **Site 3 of 3 in cluster N**

Relative:
Higher

EDR Historical Auto Stations:
Name: BUCHER E R
Year: 1924

Actual:
250 ft.

Type: AUTOMOBILE REPAIRING

Q87 **MORRIS J H** **EDR US Hist Auto Stat** **1009082494**
NW **1130 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.168 mi.
888 ft. **Site 1 of 17 in cluster Q**

Relative:
Higher

EDR Historical Auto Stations:
Name: MORRIS J H
Year: 1942

Actual:
246 ft.

Type: AUTOMOBILE REPAIRING

Q88 **HOFFMAN JOHANNA MRS** **EDR US Hist Auto Stat** **1009080933**
NW **1128 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.168 mi.
889 ft. **Site 2 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

EDR Historical Auto Stations:

Name:	HOFFMAN E H
Year:	1933
Type:	AUTOMOBILE REPAIRING
Name:	HOFFMAN JOHANNA MRS
Year:	1937
Type:	AUTOMOBILE REPAIRING
Name:	HOFFMAN E H
Year:	1942
Type:	AUTOMOBILE REPAIRING

Q89 **JOHNSON J W REAR** **EDR US Hist Auto Stat** **1009080717**
NW **1132 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.168 mi.
889 ft. **Site 3 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

EDR Historical Auto Stations:

Name:	JOHNSON J W REAR
Year:	1933
Type:	AUTOMOBILE REPAIRING

Q90 **LUARD L S** **EDR US Hist Auto Stat** **1009082057**
NW **1138 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.169 mi.
890 ft. **Site 4 of 17 in cluster Q**

Relative:
Higher

Actual:
245 ft.

EDR Historical Auto Stations:

Name:	LUARD L S
Year:	1942
Type:	AUTOMOBILE REPAIRING

Q91 **HOFFMAN E H** **EDR US Hist Auto Stat** **1009078186**
NW **1122 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.169 mi.
890 ft. **Site 5 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

EDR Historical Auto Stations:

Name:	HOFFMAN E H
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS

Q92 **SCHERER S A** **EDR US Hist Auto Stat** **1009078758**
NW **1148 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.169 mi.
891 ft. **Site 6 of 17 in cluster Q**

Relative: **Higher**
Actual: **245 ft.**

EDR Historical Auto Stations:
Name: SCHERER S A
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Q93 **WHITLEY J A** **EDR US Hist Auto Stat** **1009082014**
NW **1114 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.170 mi.
895 ft. **Site 7 of 17 in cluster Q**

Relative: **Higher**
Actual: **246 ft.**

EDR Historical Auto Stations:
Name: WHITLEY J A
Year: 1937
Type: AUTOMOBILE REPAIRING

Q94 **TRANSAMERICA OCCIDENTAL LIFE** **CA FID UST** **S101585150**
NW **1150 S OLIVE ST** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **EMI**
0.170 mi.
897 ft. **Site 8 of 17 in cluster Q**

Relative: **Higher**
Actual: **245 ft.**

CA FID UST:
Facility ID: 19020393
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137422671
Mail To: Not reported
Mailing Address: 1150 S OLIVE ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 5211
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-05-93
Action Date: 04-05-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported

TRANSAMERICA OCCIDENTAL LIFE (Continued) **S101585150**

Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	74186
Air District Name:	SC
SIC Code:	6311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	74186
Air District Name:	SC
SIC Code:	6311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Q95 **TRANSAMERICA OCCIDENTAL** **CA FID UST** **S101586091**
NW **1133 S OLIVE ST** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.170 mi.
898 ft. **Site 9 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

CA FID UST:

Facility ID:	19038113
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137422671
Mail To:	Not reported
Mailing Address:	1133 S OLIVE ST

TRANSAMERICA OCCIDENTAL (Continued) **S101586091**

Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 6073
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-05-93
Action Date: 03-05-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

Q96 **LUARD L S** **EDR US Hist Auto Stat** **1009077906**
NW **1133 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.170 mi.
898 ft. **Site 10 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

EDR Historical Auto Stations:
Name: LUARD L S
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: LUARD L S
Year: 1937
Type: AUTOMOBILE REPAIRING

Q97 **SERVICE STATION 2686** **HIST UST** **U001560630**
NW **1133 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.170 mi.
898 ft. **Site 11 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

HIST UST:
Region: STATE
Facility ID: 00000007907
Facility Type: Gas Station
Other Type: Not reported
Contact Name: OCCIDENTAL LIFE INS.
Telephone: 0000000000

SERVICE STATION 2686 (Continued) **U001560630**

Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0002
Tank Num:	001
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Q98 **TRANSAMERICA CENTER/GARAGE** **UST** **U003880021**
NW **1133 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.170 mi.
898 ft. **Site 12 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

UST:

Facility ID:	24766
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0413454
Longitude:	-118.2606204

Q99 **KELLEY BROS** **EDR US Hist Auto Stat** **1009081040**
NW **1127 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.170 mi.
899 ft. **Site 13 of 17 in cluster Q**

Relative:
Higher

Actual:
246 ft.

EDR Historical Auto Stations:

Name:	KELLEY BROS
Year:	1942
Type:	AUTOMOBILE REPAIRING

Q100 **CLEGHORN ROBT** **EDR US Hist Auto Stat** **1009080789**
NW **1137 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.170 mi.
899 ft. **Site 14 of 17 in cluster Q**

Relative: EDR Historical Auto Stations:
Higher Name: CLEGHORN ROBT
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
246 ft.

P101 **VIRGONIS J G** **EDR US Hist Cleaners** **1009187322**
South **226 E PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.171 mi.
901 ft. **Site 2 of 5 in cluster P**

Relative: EDR Historical Cleaners:
Lower Name: VIRGONIS J G
Year: 1933
Actual: Type: CLOTHES PRESSERS AND CLEANERS
233 ft.

Q102 **SPEEDO ELECTRIC CO** **EDR US Hist Auto Stat** **1009080883**
WNW **1155 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.171 mi.
902 ft. **Site 15 of 17 in cluster Q**

Relative: EDR Historical Auto Stations:
Higher Name: SPEEDO ELECTRIC CO
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
245 ft.

M103 **EDR US Hist Auto Stat** **1015362875**
North **250 W OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.171 mi.
903 ft. **Site 2 of 2 in cluster M**

Relative: EDR Historical Auto Stations:
Higher Name: KOREA AUTO BODY SHOP
Year: 2007
Actual: Address: 250 W OLYMPIC BLVD
251 ft.

Q104 **CAMP G N** **EDR US Hist Auto Stat** **1009081466**
NW **1100 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.171 mi.
905 ft. **Site 16 of 17 in cluster Q**

Relative: EDR Historical Auto Stations:
Higher Name: CAMP G N
Year: 1937
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
247 ft.

Q105
NW
1/8-1/4
0.171 mi.
905 ft.

RISDEN C W
1115 S OLIVE ST
LOS ANGELES, CA

Site 17 of 17 in cluster Q

Relative: Higher
Actual: 246 ft.

EDR US Hist Auto Stat
1009078121
N/A

EDR Historical Auto Stations:
Name: RISDEN C W
Year: 1924
Type: AUTOMOBILE REPAIRING

R106
SW
1/8-1/4
0.172 mi.
909 ft.

CALDARES C C
1315 S MAIN ST
LOS ANGELES, CA

Site 1 of 5 in cluster R

Relative: Lower
Actual: 234 ft.

EDR US Hist Auto Stat
1009077226
N/A

EDR Historical Auto Stations:
Name: CALDARES C C
Year: 1924
Type: AUTOMOBILE REPAIRING

P107
South
1/8-1/4
0.173 mi.
913 ft.

VERGONIS JOHN
236 E PICO BLVD
LOS ANGELES, CA

Site 3 of 5 in cluster P

Relative: Lower
Actual: 233 ft.

EDR US Hist Cleaners
1009191647
N/A

EDR Historical Cleaners:
Name: VERGONIS JOHN
Year: 1929
Type: CLOTHES PRESSERS CLEANERS AND REPAIRERS

S108
West
1/8-1/4
0.175 mi.
924 ft.

LOWENSTEIN JOS
1229 S HILL ST
LOS ANGELES, CA

Site 1 of 5 in cluster S

Relative: Lower
Actual: 240 ft.

EDR US Hist Auto Stat
1009079595
N/A

EDR Historical Auto Stations:
Name: SCHNEIDER W J
Year: 1924
Type: AUTOMOBILE REPAIRING

Name: LOWENSTEIN JOS
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

O109 **NASCO PETROLEUM LLC** **RCRA-SQG** **1016452950**
WSW **1325 S BROADWAY** **FINDS** **CAR000243162**
1/8-1/4 **LOS ANGELES, CA 90015**
0.176 mi.
929 ft. **Site 7 of 8 in cluster O**

Relative:
Lower

Actual:
235 ft.

RCRA-SQG:

Date form received by agency:	12/03/2013
Facility name:	NASCO PETROLEUM LLC
Facility address:	1325 S BROADWAY LOS ANGELES, CA 90015
EPA ID:	CAR000243162
Contact:	JIM L SLINKARD
Contact address:	1325 S BROADWAY LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-748-3420
Contact email:	JSLINKARD@NASCOPETROLEUM.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NASCO PETROLEUM LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/01/2013
Owner/Op end date:	Not reported

Owner/operator name:	DELCO PETROLEUM CALIFORNIA LLC
Owner/operator address:	25431 CABOT RD STE 107 LAGUNA HILLS, CA 92653
Owner/operator country:	US
Owner/operator telephone:	949-461-5210
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/01/2013
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

NASCO PETROLEUM LLC (Continued) **1016452950**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 181
. Waste name: 181

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 241
. Waste name: 241

. Waste code: 331
. Waste name: 331

. Waste code: 341
. Waste name: 341

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110056511163

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SPCC

P110 **BRACHMAN B B** **EDR US Hist Auto Stat** **1009080846**
SSW **1325 S LOS ANGELES ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.176 mi.
929 ft. **Site 4 of 5 in cluster P**

Relative: EDR Historical Auto Stations:
Lower
Name: BRACHMAN B B
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
233 ft.

T111 **FONTAINE A H** **EDR US Hist Auto Stat** **1009080957**
WNW **1206 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.177 mi.
937 ft. **Site 1 of 3 in cluster T**

Relative: EDR Historical Auto Stations:
Higher
Name: FONTAINE A H
Year: 1933
Actual: Type: AUTOMOBILE REPAIRING
243 ft.

Name: FONTAINE A H
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: FONTAINE A H
Year: 1942
Type: AUTOMOBILE REPAIRING

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112 **LOUGH JACK** **EDR US Hist Auto Stat** **1009077902**
WSW **1305 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.178 mi.
942 ft.

Relative: EDR Historical Auto Stations:
Lower
Name: PRICE R E
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
238 ft.

Name: LOUGH JACK
Year: 1933
Type: AUTOMOBILE REPAIRING

U113 **BRUCE J R** **EDR US Hist Auto Stat** **1009080662**
ENE **940 S LOS ANGELES ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.179 mi.
943 ft. **Site 1 of 2 in cluster U**

Relative: EDR Historical Auto Stations:
Higher
Name: WEST D R
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
241 ft.

Name: WEST DAVID

BRUCE J R (Continued) **1009080662**

Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: LOUGHRAN L L
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: BRUCE J R
Year: 1942
Type: AUTOMOBILE REPAIRING

T114 **SMITH I D** **EDR US Hist Auto Stat** **1009081481**
WNW **1212 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.179 mi.
947 ft. **Site 2 of 3 in cluster T**

Relative: Higher

Actual: 243 ft.

EDR Historical Auto Stations:
Name: WAY SERVICE CO
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: SMITH I D
Year: 1937
Type: AUTOMOBILE REPAIRING

P115 **GORDON H JACK INC** **RCRA NonGen / NLR** **1000191105**
SSW **1330 SO LOS ANGELES ST** **FINDS** **CAD990842619**
1/8-1/4 **LOS ANGELES, CA 90015**
0.181 mi.
956 ft. **Site 5 of 5 in cluster P**

Relative: Lower

Actual: 233 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/27/1980
Facility name: GORDON H JACK INC
Facility address: 1330 SO LOS ANGELES ST
LOS ANGELES, CA 90015
EPA ID: CAD990842619
Mailing address: SO LOS ANGELES ST
LOS ANGELES, CA 90015
Contact: ENVIRONMENTAL MANAGER
Contact address: 1330 SO LOS ANGELES ST
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: (213) 742-6999
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GORDON JACK
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212

GORDON H JACK INC (Continued) **1000191105**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002903939

Environmental Interest/Information System
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O116 **BENTON BROS** **EDR US Hist Auto Stat** **1009082413**
SW **1330 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.181 mi.
957 ft. **Site 8 of 8 in cluster O**

Relative:
Lower

Actual:
235 ft.

EDR Historical Auto Stations:
Name: BENTON BROS
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

BENTON BROS (Continued) **1009082413**

Name: NORLING N O
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: BENTON G F
Year: 1942
Type: GASOLINE AND OIL SERVICE STATIONS

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117 **OLIVARES J V** **EDR US Hist Cleaners** **1009185068**
ESE **1103 MAPLE AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.184 mi.
969 ft.

Relative: EDR Historical Cleaners:
Lower Name: OLIVARES J V
Year: 1924
Actual: Type: CLOTHES CLEANERS PRESSERS AND DYERS
237 ft.

S118 **DETROIT FENDER CO** **EDR US Hist Auto Stat** **1009080847**
WNW **1228 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.186 mi.
981 ft. **Site 2 of 5 in cluster S**

Relative: EDR Historical Auto Stations:
Higher Name: DETROIT FENDER CO
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
242 ft.

S119 **BRAKE SHOP THE INC** **EDR US Hist Auto Stat** **1009079792**
WNW **1227 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.186 mi.
983 ft. **Site 3 of 5 in cluster S**

Relative: EDR Historical Auto Stations:
Higher Name: BRAKE SHOP THE INC
Year: 1929
Actual: Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS
242 ft.

S120 **OLSON R C** **EDR US Hist Auto Stat** **1009078875**
West **1234 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.188 mi.
990 ft. **Site 4 of 5 in cluster S**

Relative: EDR Historical Auto Stations:
Higher Name: OLSON R C
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
242 ft.

S121 **YAGER C A** **EDR US Hist Auto Stat** **1009080626**
West **221 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.197 mi.
1038 ft. **Site 5 of 5 in cluster S**

Relative: EDR Historical Auto Stations:
Lower
Name: YAGER C A
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
238 ft.

Name: DICKSON K G
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: DICKSON K G
Year: 1942
Type: AUTOMOBILE REPAIRING

V122 **SORRENGINO E H** **EDR US Hist Auto Stat** **1009079043**
SSE **401 E 12TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.197 mi.
1041 ft. **Site 1 of 6 in cluster V**

Relative: EDR Historical Auto Stations:
Lower
Name: SORRENGINO E H
Year: 1929
Actual: Type: GASOLINE AND OIL SERVICE STATION
235 ft.

Name: SORRENTINO CHAS
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: SORRENTINO C L
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

V123 **BRENTON RICHD** **EDR US Hist Cleaners** **1009187458**
SSE **1202 MAPLE AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.198 mi.
1044 ft. **Site 2 of 6 in cluster V**

Relative: EDR Historical Cleaners:
Lower
Name: BRENTON RICHD
Year: 1924
Actual: Type: CLOTHES CLEANERS PRESSERS AND DYERS
235 ft.

R124
SSW
1/8-1/4
0.198 mi.
1045 ft.

1320 S MAIN ST
LOS ANGELES, CA 90015

Site 2 of 5 in cluster R

Relative:
Lower

Actual:
233 ft.

EDR Historical Auto Stations:
Name: T STATION
Year: 2006
Address: 1320 S MAIN ST

EDR US Hist Auto Stat **1015207306**
N/A

W125
South
1/8-1/4
0.199 mi.
1051 ft.

EWART CHAS
320 E PICO BLVD
LOS ANGELES, CA

Site 1 of 2 in cluster W

Relative:
Lower

Actual:
233 ft.

EDR Historical Auto Stations:
Name: EWART C W
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: EWART CHAS
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

EDR US Hist Auto Stat **1009080426**
N/A

X126
NNW
1/8-1/4
0.201 mi.
1060 ft.

PRATT W M
1027 S OLIVE ST
LOS ANGELES, CA

Site 1 of 4 in cluster X

Relative:
Higher

Actual:
249 ft.

EDR Historical Auto Stations:
Name: PRATT W M
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

EDR US Hist Auto Stat **1009078370**
N/A

W127
South
1/8-1/4
0.201 mi.
1060 ft.

ARNET E L
324 E PICO BLVD
LOS ANGELES, CA

Site 2 of 2 in cluster W

Relative:
Lower

Actual:
233 ft.

EDR Historical Auto Stations:
Name: ARNET E L
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

EDR US Hist Auto Stat **1009079935**
N/A

V128 **KENDALL F J** **EDR US Hist Cleaners** **1009189992**
SSE **1216 MAPLE AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.202 mi.
1066 ft. **Site 3 of 6 in cluster V**

Relative: **Lower**

Actual: **234 ft.**

EDR Historical Cleaners:

Name:	KENDALL F J
Year:	1933
Type:	CLOTHES PRESSERS AND CLEANERS

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129 **TEXACO COMPANY THE OFFICE** **EDR US Hist Auto Stat** **1009082115**
NNE **929 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.202 mi.
1067 ft.

Relative: **Higher**

Actual: **250 ft.**

EDR Historical Auto Stations:

Name:	TEXAS CO THE (CALIFORNIA)
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	TEXACO COMPANY THE OFFICE
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	TEXAS CO THE OFFICE
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

R130 **GRAVITY ACTIVEWEAR INC** **RCRA-SQG** **1000819637**
SW **1333 S MAIN** **FINDS** **CAD983656315**
1/8-1/4 **LOS ANGELES, CA 90015**
0.202 mi.
1067 ft. **Site 3 of 5 in cluster R**

Relative: **Lower**

Actual: **233 ft.**

RCRA-SQG:

Date form received by agency:	01/04/1993
Facility name:	GRAVITY ACTIVEWEAR INC
Facility address:	1333 S MAIN LOS ANGELES, CA 90015
EPA ID:	CAD983656315
Mailing address:	S MAIN LOS ANGELES, CA 90015
Contact:	MICHAEL CHANG
Contact address:	1333 S MAIN LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 231-1354
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

GRAVITY ACTIVEWEAR INC (Continued) **1000819637**

Owner/Operator Summary:
Owner/operator name: GRAVITY ACTIVEWEAR INC
Owner/operator address: 1333 S MAIN
LOS ANGELES, CA 90015
Owner/operator country: Not reported
Owner/operator telephone: (213) 231-1354
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002890284

Environmental Interest/Information System
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V131 **TECHTRON LOS ANGELES** **RCRA-SQG 1000244313**
SSE **1220 SO MAPLE AVE** **FINDS CAD008313124**
1/8-1/4 **LOS ANGELES, CA 90015**
0.203 mi.
1072 ft. **Site 4 of 6 in cluster V**

Relative:
Lower

Actual:
234 ft.

RCRA-SQG:
Date form received by agency: 08/02/1989
Facility name: TECHTRON LOS ANGELES
Facility address: 1220 SO MAPLE AVE
LOS ANGELES, CA 90015
EPA ID: CAD008313124
Mailing address: 1220 SOUTH MAPLE AVE
LOS ANGELES, CA 90015

TECHTRON LOS ANGELES (Continued) **1000244313**

Contact: ENVIRONMENTAL MANAGER
Contact address: 1220 SO MAPLE AVE
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: (213) 749-4211
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TECHTRON LOS ANGELES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002632250

TECHTRON LOS ANGELES (Continued) **1000244313**

Environmental Interest/Information System

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R132 **PETERSON G A** **EDR US Hist Cleaners** **1009185510**
SW **106 W 14TH PL** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.205 mi.
1081 ft. **Site 4 of 5 in cluster R**

Relative: EDR Historical Cleaners:
Lower Name: PETERSON G A
Year: 1924
Actual: Type: CLOTHES CLEANERS PRESSERS AND DYERS
233 ft.

R133 **HANSEN A C** **EDR US Hist Auto Stat** **1009079230**
SW **116 W 14TH PL** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.206 mi.
1086 ft. **Site 5 of 5 in cluster R**

Relative: EDR Historical Auto Stations:
Lower Name: HANSEN A C
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
234 ft.

Y134 **CAUNCE THOS** **EDR US Hist Cleaners** **1009187707**
NE **938 S MAIN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.208 mi.
1096 ft. **Site 1 of 4 in cluster Y**

Relative: EDR Historical Cleaners:
Higher Name: CAUNCE THOS
Year: 1924
Actual: Type: CLOTHES CLEANERS PRESSERS AND DYERS
245 ft.

X135 **COPPLE AUTO SERVICE** **EDR US Hist Auto Stat** **1009082049**
NNW **1032 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.209 mi.
1104 ft. **Site 2 of 4 in cluster X**

Relative: EDR Historical Auto Stations:
Higher Name: COPPLE AUTO SERVICE
Year: 1942
Actual: Type: AUTOMOBILE REPAIRING
250 ft.

V136 **COX J E** **EDR US Hist Auto Stat** **1009077532**
SSE **421 E 12TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.211 mi.
1113 ft. **Site 5 of 6 in cluster V**

Relative: EDR Historical Auto Stations:
Lower
Name: COX J E
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
235 ft.

Z137 **SZLADOWSKI B H** **EDR US Hist Auto Stat** **1009083670**
East **1000 MAPLE AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.213 mi.
1125 ft. **Site 1 of 4 in cluster Z**

Relative: EDR Historical Auto Stations:
Lower
Name: SZLADOWSKI B H
Year: 1942
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
239 ft.

T138 **WILKINSON J E** **EDR US Hist Auto Stat** **1009080190**
WNW **315 W 12TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.214 mi.
1131 ft. **Site 3 of 3 in cluster T**

Relative: EDR Historical Auto Stations:
Higher
Name: WILKINSON J E
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
243 ft.

Name: WILKINSON J E
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: WILKINSON J E
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: WILKINSON J E
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: WILKINSON J E
Year: 1942
Type: AUTOMOBILE REPAIRING

AA139 **A COMPANY CLEANERS** **EDR US Hist Cleaners** **1009126490**
North **363 W OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90000**
0.215 mi.
1134 ft. **Site 1 of 5 in cluster AA**

Relative:
Higher

Actual:
252 ft.

EDR Historical Cleaners:
Name: A COMPANY CLEANERS
Year: 1994
Type: Not reported

U140 **SMITH L J** **EDR US Hist Auto Stat** **1009077903**
ENE **926 S LOS ANGELES ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.216 mi.
1142 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
242 ft.

EDR Historical Auto Stations:
Name: LOUGHARN LAWRENCE
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: SMITH L J
Year: 1937
Type: AUTOMOBILE REPAIRING

X141 **CLEGHORN R W** **EDR US Hist Auto Stat** **1009081983**
NNW **1025 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.216 mi.
1143 ft. **Site 3 of 4 in cluster X**

Relative:
Higher

Actual:
251 ft.

EDR Historical Auto Stations:
Name: CLEGHORN R W
Year: 1942
Type: AUTOMOBILE REPAIRING

V142 **MITSCH HENRY** **EDR US Hist Auto Stat** **1009082156**
SSE **430 E 12TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.218 mi.
1150 ft. **Site 6 of 6 in cluster V**

Relative:
Lower

Actual:
235 ft.

EDR Historical Auto Stations:
Name: MITSCH HENRY
Year: 1942
Type: GASOLINE AND OIL SERVICE STATIONS

143
SW
1/8-1/4
0.221 mi.
1165 ft.

BECK DAVE & CO INC
1360 S BROADWAY
LOS ANGELES, CA 90015

RCRA-SQG
FINDS

1000266324
CAD028457216

Relative:
Lower

Actual:
233 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	BECK DAVE & CO INC
Facility address:	1360 S BROADWAY LOS ANGELES, CA 90015
EPA ID:	CAD028457216
Mailing address:	S BROADWAY LOS ANGELES, CA 90015
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BECK PAUL R
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

BECK DAVE & CO INC (Continued) **1000266324**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002640526

Environmental Interest/Information System
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X144 **EDMONDSON J E** **EDR US Hist Auto Stat** **1009076478**
NNW **1017 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.223 mi.
1177 ft. **Site 4 of 4 in cluster X**

Relative:
Higher

Actual:
251 ft.

EDR Historical Auto Stations:
Name: FERGUSON TOW SERVICE
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: EDMONDSON J E
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: EDMONDSON J E
Year: 1942
Type: AUTOMOBILE REPAIRING

AA145 **BURNHAM CHAS** **EDR US Hist Auto Stat** **1009080231**
NNW **1008 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.228 mi.
1203 ft. **Site 2 of 5 in cluster AA**

Relative:
Higher

Actual:
252 ft.

EDR Historical Auto Stations:
Name: BURNHAM CHAS
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: SCHULTZ R R
Year: 1942
Type: AUTOMOBILE REPAIRING

AA146 **PARAMOUNT REPAIR SHOP** **EDR US Hist Auto Stat** **1009078877**
NNW **1006 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.230 mi.
1212 ft. **Site 3 of 5 in cluster AA**

Relative:
Higher

Actual:
252 ft.

EDR Historical Auto Stations:

Name:	PARAMOUNT REPAIR SHOP
Year:	1924
Type:	AUTOMOBILE REPAIRING
Name:	EDMONDSON J E
Year:	1933
Type:	AUTOMOBILE REPAIRING

AB147 **ROSE BENJ** **EDR US Hist Auto Stat** **1009079018**
North **955 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.233 mi.
1232 ft. **Site 1 of 4 in cluster AB**

Relative:
Higher

Actual:
253 ft.

EDR Historical Auto Stations:

Name:	SHAPIROS SERVICE STATION
Year:	1929
Type:	GASOLINE AND OIL SERVICE STATION
Name:	MANAHAN J R
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	ROSE BENJ
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

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148 **TROY LAUNDRY CO** **EDR US Hist Cleaners** **1009186846**
SW **1400 S MAIN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.235 mi.
1242 ft.

Relative:
Lower

Actual:
232 ft.

EDR Historical Cleaners:

Name:	TROY LAUNDRY CO
Year:	1924
Type:	LAUNDRIES

AC149 **KNAUB WARREN** **EDR US Hist Auto Stat** **1009077648**
ENE **910 S LOS ANGELES ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.236 mi.
1245 ft. **Site 1 of 2 in cluster AC**

Relative:
Higher

Actual:
242 ft.

EDR Historical Auto Stations:

Name:	KNAUB WARREN
Year:	1924
Type:	AUTOMOBILE SERVICE STATIONS
Name:	WEINBERG ALBT

KNAUB WARREN (Continued) **1009077648**

Year: 1942
Type: AUTOMOBILE REPAIRING

AD150 **SHELLENBERGER W R** **EDR US Hist Auto Stat** **1009079687**
West **1313 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.238 mi.
1258 ft. **Site 1 of 2 in cluster AD**

Relative:
Lower

Actual:
237 ft.

EDR Historical Auto Stations:
Name: SHELLENBERGER W R
Year: 1924
Type: AUTOMOBILE REPAIRING

Name: MARING SAUNDERS
Year: 1933
Type: AUTOMOBILE REPAIRING

AC151 **BORKANSTAN SAML** **EDR US Hist Auto Stat** **1009077234**
ENE **909 S LOS ANGELES ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.239 mi.
1260 ft. **Site 2 of 2 in cluster AC**

Relative:
Higher

Actual:
242 ft.

EDR Historical Auto Stations:
Name: CAPPELL J T
Year: 1924
Type: AUTOMOBILE REPAIRING

Name: BORKANSTAN SAML
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

AB152 **KNEWBOW ISADORE** **EDR US Hist Cleaners** **1009190254**
North **946 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.240 mi.
1266 ft. **Site 2 of 4 in cluster AB**

Relative:
Higher

Actual:
253 ft.

EDR Historical Cleaners:
Name: KNEWBOW ISADORE
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

AD153 **CR AND A CUSTOM INC** **RCRA-SQG 1014387070**
West **312 W PICO BLVD** **HAZNET CAR000205021**
1/8-1/4 **LOS ANGELES, CA 90015**
0.241 mi.
1270 ft. **Site 2 of 2 in cluster AD**

Relative:
Lower

Actual:
239 ft.

RCRA-SQG:

Date form received by agency:	02/09/2010
Facility name:	CR AND A CUSTOM INC
Facility address:	312 W PICO BLVD LOS ANGELES, CA 90015
EPA ID:	CAR000205021
Contact:	MASOUD RAD
Contact address:	312 W PICO BLVD LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-749-4440
Contact email:	MASOUD@CRACUSTOM.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MASOUD RAD
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/01/1993
Owner/Op end date:	Not reported

Owner/operator name:	MASOUD RAD
Owner/operator address:	312 W PICO BLVD LOS ANGELES, CA 90015
Owner/operator country:	US
Owner/operator telephone:	213-749-4440
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/01/1993
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

CR AND A CUSTOM INC (Continued) **1014387070**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

HAZNET:
envid: 1014387070
Year: 2013
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.9
Facility County: Not reported

envid: 1014387070
Year: 2011
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.792
Facility County: Los Angeles

envid: 1014387070
Year: 2010
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

CR AND A CUSTOM INC (Continued) **1014387070**

Tons: 0.1
Facility County: Los Angeles

envid: 1014387070
Year: 2010
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 3.96
Facility County: Los Angeles

envid: 1014387070
Year: 2010
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.231
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

AE154 **MURPHY J A** **EDR US Hist Cleaners** **1009191400**
SSE **1307 MAPLE AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.242 mi.
1279 ft. **Site 1 of 3 in cluster AE**

Relative:
Lower

Actual:
232 ft.

EDR Historical Cleaners:

Name: MURPHY J A
Year: 1929
Type: CLOTHES PRESSERS CLEANERS AND REPAIRERS

Name: MURPHY J A
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

Name: MURPHY J A
Year: 1937
Type: CLOTHES PRESSERS AND CLEANERS

Z155 **D&H SERVICE STATION** **HIST UST** **U001560607**
East **450 E OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.243 mi.
1281 ft. **Site 2 of 4 in cluster Z**

Relative:
Lower

Actual:
239 ft.

HIST UST:

Region:	STATE
Facility ID:	00000064581
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	2137459788
Owner Name:	DAVID CHEW
Owner Address:	1130 CHURCH STREET
Owner City,St,Zip:	PASADENA, CA 91105
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Z156 **DAVID SHARE CHEW/HARRY HOY LIU** **CA FID UST** **S101584567**
East **450 E OLYMPIC BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.243 mi.
1281 ft. **Site 3 of 4 in cluster Z**

Relative:
Lower

Actual:
239 ft.

CA FID UST:

Facility ID:	19012921
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137459788
Mail To:	Not reported
Mailing Address:	450 E OLYMPIC BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	3775
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported

DAVID SHARE CHEW/HARRY HOY LIU (Continued) **S101584567**

Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

AA157 **US FEDERAL RESERVE BANK** **RCRA NonGen / NLR** **1000214016**
NNW **409 W OLYMPIC BLVD** **FINDS** **CA7007890158**
1/8-1/4 **LOS ANGELES, CA 90015**
0.244 mi.
1286 ft. **Site 4 of 5 in cluster AA**

Relative:
Higher

Actual:
252 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/11/1994
Facility name:	US FEDERAL RESERVE BANK
Facility address:	409 W OLYMPIC BLVD LOS ANGELES, CA 90015
EPA ID:	CA7007890158
Mailing address:	PO BOX 2077 TERMINAL ANNEX LOS ANGELES, CA 90051
Contact:	ENVIRONMENTAL MANAGER
Contact address:	409 W OLYMPIC BLVD LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 683-8431
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FEDERAL RESERVE BANK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Federal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

US FEDERAL RESERVE BANK (Continued) **1000214016**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002625632

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AA158 **UST** **U003976701**
NNW **409 W OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.244 mi.
1286 ft. **Site 5 of 5 in cluster AA**

Relative: **Higher**

Actual: **252 ft.**

UST:
- Facility ID: 24156
- Permitting Agency: LOS ANGELES, CITY OF
- Latitude: 34.0440774
- Longitude: -118.2585937

AE159 **ARNET E L** **EDR US Hist Auto Stat** **1009079073**
SSE **1311 MAPLE AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.244 mi.
1290 ft. **Site 2 of 3 in cluster AE**

Relative: **Lower**

Actual: **232 ft.**

EDR Historical Auto Stations:
- Name: ARNET E L
- Year: 1937
- Type: AUTOMOBILE REPAIRING

Y160 **EDR US Hist Cleaners** **1015104855**
NE **906 S MAIN ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.244 mi.
1290 ft. **Site 2 of 4 in cluster Y**

Relative:
Higher

Actual:
246 ft.

EDR Historical Cleaners:

Name:	E Z LAUNDRY
Year:	2004
Address:	906 S MAIN ST

AB161 **GOODYEAR SERVICE CENTER #9265** **HIST UST** **U001560614**
North **940 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.245 mi.
1295 ft. **Site 3 of 4 in cluster AB**

Relative:
Higher

Actual:
253 ft.

HIST UST:

Region:	STATE
Facility ID:	00000029515
Facility Type:	Other
Other Type:	AUTO REPAIR CENTER
Contact Name:	RALPH MESCHKAT
Telephone:	2136239121
Owner Name:	GOODYEAR TIRE & RUBBER
Owner Address:	1146 E. MARKET ST.
Owner City,St,Zip:	AKRON, OH 44316
Total Tanks:	0001
Tank Num:	001
Container Num:	#0001
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

AE162 **TRAIM M C** **EDR US Hist Auto Stat** **1009079503**
SSE **1310 MAPLE AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.246 mi.
1298 ft. **Site 3 of 3 in cluster AE**

Relative:
Lower

Actual:
232 ft.

EDR Historical Auto Stations:

Name:	TRAINI M C
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	TRAIM M C
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	TRAIM M C
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

Y163 **SERVICE STATION 7117** **HIST UST** **U001560744**
NE **110 E 9TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90017**
0.247 mi.
1302 ft. **Site 3 of 4 in cluster Y**

Relative:
Higher

Actual:
245 ft.

HIST UST:

Region:	STATE
Facility ID:	00000007905
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	CALIFORNIA MART
Telephone:	0000000000
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0004
Tank Num:	001
Container Num:	7117-2
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	7117-1C
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	7117-1B
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	004
Container Num:	7117-1A
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Y164 **CURRENT OCCUPANT** **CA FID UST** **S101585316**
NE **110 E 9TH ST** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90017**
0.247 mi.
1302 ft. **Site 4 of 4 in cluster Y**

Relative:
Higher

Actual:
245 ft.

CA FID UST:

Facility ID:	19022745
Regulated By:	UTNKA
Regulated ID:	00007905
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	110 E 9TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900170000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	909
Number:	9
Board Of Equalization:	44-031778
Referral Date:	03-25-93
Action Date:	03-15-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000909-000001
Tank Status:	A
Capacity:	7500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Status:	Active
Comp Number:	909
Number:	9
Board Of Equalization:	44-031778
Referral Date:	03-25-93
Action Date:	03-15-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000909-000002
Tank Status:	A
Capacity:	7500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CURRENT OCCUPANT (Continued) **S101585316**

Status:	Active
Comp Number:	909
Number:	9
Board Of Equalization:	44-031778
Referral Date:	03-25-93
Action Date:	03-15-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000909-000003
Tank Status:	A
Capacity:	7500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	909
Number:	9
Board Of Equalization:	44-031778
Referral Date:	03-25-93
Action Date:	03-15-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000909-000004
Tank Status:	A
Capacity:	7500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

AF165 **LEE TONG** **EDR US Hist Cleaners** **1009193473**
NW **1146 S GRAND AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.247 mi.
1306 ft. **Site 1 of 2 in cluster AF**

Relative:
Higher

Actual:
245 ft.

EDR Historical Cleaners:

Name:	LEE TONG
Year:	1942
Type:	LAUNDRIES ORIENTAL

AF166 **WHITLEY JAS** **EDR US Hist Auto Stat** **1009081492**
NW **1148 S GRAND AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.247 mi.
1306 ft. **Site 2 of 2 in cluster AF**

Relative:
Higher

Actual:
245 ft.

EDR Historical Auto Stations:

Name:	WHITLEY JAS
Year:	1933
Type:	AUTOMOBILE REPAIRING

Z167 **VACANT LOT** **CA FID UST** **S101586955**
East **432 9TH ST** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90744**
0.248 mi.
1308 ft. **Site 4 of 4 in cluster Z**

Relative:
Lower

Actual:
240 ft.

CA FID UST:

Facility ID:	19054645
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132782604
Mail To:	Not reported
Mailing Address:	723 N CAMDEN DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 907440000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

SWEEPS UST:

Status:	Not reported
Comp Number:	7732
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

---

168 **GEORGE WISE** **CA FID UST** **S101583590**
ESE **420 E 11TH ST** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.248 mi.
1308 ft.

Relative:
Lower

Actual:
238 ft.

CA FID UST:

Facility ID:	19004770
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	420 E 11TH ST
Mailing Address 2:	Not reported

GEORGE WISE (Continued) **S101583590**

Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 7123
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

AB169 **BEGARIE JOHN** **EDR US Hist Auto Stat** **1009076147**
North **916 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.248 mi.
1308 ft. **Site 4 of 4 in cluster AB**

Relative:
Higher

EDR Historical Auto Stations:
Name: BEGARIE JOHN
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
253 ft.

---

170 **CALIFORNIA AUTO WORKS** **EDR US Hist Auto Stat** **1009077228**
SSW **1410 S LOS ANGELES ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.248 mi.
1309 ft.

Relative:
Lower

EDR Historical Auto Stations:
Name: CALIFORNIA AUTO WORKS
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
231 ft.

171
SSE
1/4-1/2
0.295 mi.
1555 ft.

LA DEPARTMENT WATER & POWER
1324 S WALL ST
LOS ANGELES, CA 90015

FINDS **1008152274**
LUST **N/A**

Relative:
Lower

Actual:
232 ft.

FINDS:

Registry ID: 110018945784

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

LUST:

Region:	STATE
Global Id:	T0603790000
Latitude:	34.033546
Longitude:	-118.256986
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	08/22/2007
Lead Agency:	SWRCB
Case Worker:	YR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
LOC Case Number:	TTXS0000740
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Xylene, Toluene
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603790000
Contact Type:	Local Agency Caseworker
Contact Name:	PATRICK KILLIAN
Organization Name:	LOS ANGELES, CITY OF
Address:	221 N FIGUEROA ST STE 1500
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826527

Global Id:	T0603790000
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603790000
Contact Type:	Regional Board Caseworker
Contact Name:	MATTHEW COHEN

LA DEPARTMENT WATER & POWER (Continued) **1008152274**

Organization Name: SWRCB
Address: 1001 I Street
City: SACRAMENTO
Email: mcohen@waterboards.ca.gov
Phone Number: 9163415751

Status History:
Global Id: T0603790000
Status: Open - Site Assessment
Status Date: 08/22/2007

Global Id: T0603790000
Status: Open - Case Begin Date
Status Date: 12/03/1990

Regulatory Activities:
Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 04/11/1991
Action: Staff Letter - #1

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 04/11/1991
Action: Letter - Notice - #1

Global Id: T0603790000
Action Type: Other
Date: 12/03/1990
Action: Leak Discovery

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 01/22/1991
Action: Technical Correspondence / Assistance / Other - #1

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 08/20/2007
Action: Staff Letter - #1

Global Id: T0603790000
Action Type: Other
Date: 03/07/1991
Action: Leak Reported

Global Id: T0603790000
Action Type: RESPONSE
Date: 08/29/1990
Action: Tank Removal Report / UST Sampling Report

172
NNW
1/4-1/2
0.300 mi.
1585 ft.

SHELL SERVICE STATION
504 OLYMPIC BLVD. W.
LOS ANGELES, CA 90015

LUST **S108087193**
N/A

Relative:
Higher

Actual:
252 ft.

LUST:

Region:	STATE
Global Id:	T0603789214
Latitude:	34.0429341987085
Longitude:	-118.261127471924
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/15/2013
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	MT
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150125
LOC Case Number:	30517
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603789214
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603789214
Contact Type:	Regional Board Caseworker
Contact Name:	MARYAM TAIDY
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	LOS ANGELES
Email:	mtaidy@waterboards.ca.gov
Phone Number:	2135766741

Status History:

Global Id:	T0603789214
Status:	Open - Site Assessment
Status Date:	02/07/2005

Global Id:	T0603789214
Status:	Open - Site Assessment
Status Date:	01/10/2008

Global Id:	T0603789214
Status:	Completed - Case Closed
Status Date:	07/15/2013

Global Id:	T0603789214

SHELL SERVICE STATION (Continued) **S108087193**

Status: Open - Case Begin Date
Status Date: 02/07/2005

Global Id: T0603789214
Status: Open - Eligible for Closure
Status Date: 01/09/2013

Regulatory Activities:
Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 12/28/2012
Action: Request for Closure - Regulator Responded

Global Id: T0603789214
Action Type: Other
Date: 02/07/2005
Action: Leak Discovery

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/07/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/07/2011
Action: Soil and Water Investigation Report

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 07/28/2006
Action: Staff Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 06/30/2011
Action: Site Assessment Report

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

SHELL SERVICE STATION (Continued) **S108087193**

Global Id: T0603789214
Action Type: Other
Date: 02/28/2005
Action: Leak Reported

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 08/31/2006
Action: Other Report / Document

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 11/15/2013
Action: Well Destruction Report

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 05/07/2013
Action: Notification - Preclosure

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 07/15/2013
Action: Closure/No Further Action Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE

SHELL SERVICE STATION (Continued) **S108087193**

Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/10/2008
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/22/2009
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/06/2007
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

173
SW
1/4-1/2
0.338 mi.
1785 ft.

CAL ST, GEN SERV DEPT
1525 S BROADWAY
LOS ANGELES, CA 90015

LUST **S106827687**
EMI **N/A**

Relative:
Lower

Actual:
230 ft.

LUST:

Region:	STATE
Global Id:	T0603735696
Latitude:	33.9777821
Longitude:	-118.2783035
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/14/2011
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
LOC Case Number:	XS0000065
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603735696
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603735696
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603735696
Status:	Open - Site Assessment
Status Date:	09/07/2005

Global Id:	T0603735696
Status:	Completed - Case Closed
Status Date:	10/14/2011

Global Id:	T0603735696
Status:	Open - Case Begin Date
Status Date:	03/13/1989

Global Id:	T0603735696

CAL ST, GEN SERV DEPT (Continued) **S106827687**

Status: Open - Remediation
Status Date: 11/18/1993

Global Id: T0603735696
Status: Open - Site Assessment
Status Date: 03/13/1989

Global Id: T0603735696
Status: Open - Site Assessment
Status Date: 08/04/1993

Regulatory Activities:
Global Id: T0603735696
Action Type: ENFORCEMENT
Date: 10/14/2011
Action: Closure/No Further Action Letter

Global Id: T0603735696
Action Type: Other
Date: 03/10/1993
Action: Leak Discovery

Global Id: T0603735696
Action Type: Other
Date: 10/05/2005
Action: Leak Reported

EMI:
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 7077
Air District Name: SC
SIC Code: 9199
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 7077
Air District Name: SC
SIC Code: 9199
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0

CAL ST, GEN SERV DEPT (Continued) **S106827687**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AG174 **PILLACK PROPERTY** **LUST** **S104916213**
WSW **1410 GRAND AVE** **N/A**
1/4-1/2 **EAST LOS ANGELES, CA 90245**
0.354 mi.
1869 ft. **Site 1 of 2 in cluster AG**

Relative:
Lower

Actual:
233 ft.

LUST:

Region:	STATE
Global Id:	T0603704135
Latitude:	34.0370135
Longitude:	-118.2652686
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/26/1990
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	JOA
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	I-14091
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603704135
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603704135
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Status History:

Global Id:	T0603704135
Status:	Open - Case Begin Date
Status Date:	01/26/1990

Global Id:	T0603704135

PILLACK PROPERTY (Continued) **S104916213**

Status: Completed - Case Closed
Status Date: 01/26/1990

Regulatory Activities:
Global Id: T0603704135
Action Type: Other
Date: 01/26/1990
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-14091
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704135
W Global ID: W0607701254
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 1/26/1990
Date Leak Record Entered: 2/5/1990
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 2/16/1990
Date the Case was Closed: 1/26/1990
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: UNOCAL - JIM SCOTT
Well Name: Not reported
Approx. Dist To Production Well (ft): 5591.98947487533417639747716
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported

PILLACK PROPERTY (Continued) **S104916213**

Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	RICHARD B. PILLACK
RP Address:	4315 INGLEWOOD BOULEVARD, LOS ANGELES, 90066
Program:	LUST
Lat/Long:	34.0370135 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	3901254-001GEN
Summary:	Not reported

175
NW
1/4-1/2
0.387 mi.
2046 ft.

PROPERTY UNDER CONSTRUCTION **LUST** **S106915902**
1050-1070 FLOWER ST. S. **N/A**
LOS ANGELES, CA 90015

Relative:
Higher

Actual:
246 ft.

LUST:

Region:	STATE
Global Id:	T0603519348
Latitude:	34.043664
Longitude:	-118.263497
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/09/2007
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	CET
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150107
LOC Case Number:	35569
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603519348
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

Global Id:	T0603519348
Contact Type:	Regional Board Caseworker
Contact Name:	CHANDRA TYLER
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	cetyler@waterboards.ca.gov
Phone Number:	Not reported

PROPERTY UNDER CONSTRUCTION (Continued) **S106915902**

Status History:

Global Id:	T0603519348
Status:	Completed - Case Closed
Status Date:	03/09/2007
Global Id:	T0603519348
Status:	Open - Case Begin Date
Status Date:	12/02/2003
Global Id:	T0603519348
Status:	Open - Site Assessment
Status Date:	12/02/2003
Global Id:	T0603519348
Status:	Open - Site Assessment
Status Date:	09/17/2004

Regulatory Activities:

Global Id:	T0603519348
Action Type:	ENFORCEMENT
Date:	01/11/2005
Action:	Staff Letter
Global Id:	T0603519348
Action Type:	Other
Date:	12/02/2003
Action:	Leak Discovery
Global Id:	T0603519348
Action Type:	RESPONSE
Date:	02/11/2005
Action:	Other Report / Document
Global Id:	T0603519348
Action Type:	REMEDIATION
Date:	12/02/2003
Action:	Excavation
Global Id:	T0603519348
Action Type:	ENFORCEMENT
Date:	03/09/2007
Action:	Closure/No Further Action Letter
Global Id:	T0603519348
Action Type:	ENFORCEMENT
Date:	03/06/2007
Action:	Site Visit / Inspection / Sampling
Global Id:	T0603519348
Action Type:	Other
Date:	09/17/2004
Action:	Leak Reported

176
SW
1/4-1/2
0.394 mi.
2080 ft.

MOBIL #11-H3K
1600 HILL ST S
LOS ANGELES, CA 90015

LUST **S104406279**
N/A

Relative:
Lower

Actual:
229 ft.

LUST:

Region:	STATE
Global Id:	T0603700552
Latitude:	34.034365
Longitude:	-118.264466
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/22/1992
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	WR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150098
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700552
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603700552
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

Status History:

Global Id:	T0603700552
Status:	Open - Case Begin Date
Status Date:	10/08/1987

Global Id:	T0603700552
Status:	Open - Site Assessment
Status Date:	10/15/1987

Global Id:	T0603700552
Status:	Completed - Case Closed
Status Date:	06/22/1992

MOBIL #11-H3K (Continued) **S104406279**

Regulatory Activities:

Global Id:	T0603700552
Action Type:	Other
Date:	10/08/1987
Action:	Leak Discovery

Global Id:	T0603700552
Action Type:	Other
Date:	10/08/1987
Action:	Leak Stopped

Global Id:	T0603700552
Action Type:	Other
Date:	10/15/1987
Action:	Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900150098	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		EDET
Global ID:	T0603700552	
W Global ID:	W0605100582	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	16TH	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/8/1987	
Date Leak First Reported:		10/15/1987
Date Leak Record Entered:	11/11/1987	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	10/8/1987	
Date Case Last Changed on Database:		6/22/1992
Date the Case was Closed:		6/22/1992
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	WEBER, WAYNE R.	
Water System:	YMCA CAMP OF LOS ANGELES 2	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6350.767881087524125235813042 5
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		10/15/1987
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported

MOBIL #11-H3K (Continued) **S104406279**

Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MOBIL OIL CORP
RP Address:	3800 W ALAMEDA AVE, #700, BURBANK, CA 91505
Program:	LUST
Lat/Long:	34.0346047 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	2600582-001GEN
Summary:	Not reported

AG177 **CITY OF LOS ANGELES - MERCY HOUSING PROJECT** **SLIC** **S106386932**
WSW **1450 GRAND** **N/A**
1/4-1/2 **LOS ANGELES, CA 90245**
0.399 mi.
2109 ft. **Site 2 of 2 in cluster AG**

Relative:
Lower

Actual:
231 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/12/2011
Global Id:	SLT4L1501772
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0359018301402
Longitude:	-118.265762329102
Case Type:	Cleanup Program Site
Case Worker:	DY
Local Agency:	Not reported
RB Case Number:	0150
File Location:	Regional Board
Potential Media Affected:	Indoor Air, Soil, Soil Vapor
Potential Contaminants of Concern:	Benzene, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Toluene, Trichloroethylene (TCE), Xylene
Site History:	The subject site (Site) was a former machine shop, then used as a parking lot from the 1990s-2002. PCE was encountered in soil and soil gas mostly in area of the former machine shop, however lower concentrations of benzene, toluene, ethylbenzene, and xylenes were also detected at the Site. Soil excavation was completed at the Site in 2004 and a sub-slab vapor barrier and passive ventilation system were installed when the Site was redeveloped as Grand Avenue affordable housing in 2005-2006. The Site has completed 1 year of indoor air and sub-slab monitoring. The Site received a No Further Action letter on May 12, 2011. COCs: Primarily chlorinated solvents, minor BTEX Status: Soil excavation completed, sub-slab vapor barrier and passive vent sys installed, site completed 1 yr of indoor air and sub slab mon. Ready for Closure Review HHRA: Submitted and reviewed/approved by OEHHA Env Cov: No Env Just: No? Low income

CITY OF LOS ANGELES - MERCY HOUSING PROJECT (Continued) **S106386932**

housing?

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:
Region: 4
Facility Status: Site Assessment
SLIC: 0150
Substance: VOCs
Staff: DY

178
NW
1/4-1/2
0.407 mi.
2148 ft.

Relative:
Higher

Actual:
244 ft.

ARCO #5033 **LUST** **S109117550**
1151 S FLOWER ST **N/A**
LOS ANGELES, CA

LUST:
Region: STATE
Global Id: T0603708034
Latitude: 34.042115
Longitude: -118.265642
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/09/2013
Lead Agency: LOS ANGELES, CITY OF
Case Worker: EL
Local Agency: LOS ANGELES, CITY OF
RB Case Number: Not reported
LOC Case Number: XS0001146
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603708034
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603708034
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Status History:

ARCO #5033 (Continued) **S109117550**

Global Id: T0603708034
Status: Open - Verification Monitoring
Status Date: 06/03/1996

Global Id: T0603708034
Status: Completed - Case Closed
Status Date: 04/09/2013

Global Id: T0603708034
Status: Open - Case Begin Date
Status Date: 08/31/1995

Global Id: T0603708034
Status: Open - Site Assessment
Status Date: 11/07/1995

Global Id: T0603708034
Status: Open - Site Assessment
Status Date: 01/17/1996

Global Id: T0603708034
Status: Open - Site Assessment
Status Date: 05/20/1996

Regulatory Activities:
Global Id: T0603708034
Action Type: Other
Date: 08/31/1995
Action: Leak Discovery

Global Id: T0603708034
Action Type: Other
Date: 11/07/1995
Action: Leak Reported

Global Id: T0603708034
Action Type: ENFORCEMENT
Date: 04/09/2013
Action: Closure/No Further Action Letter

179
SSE
1/4-1/2
0.413 mi.
2180 ft.

LAUSD - SAFETY SECTION BUS DIV **LUST** **S103630446**
1425 S SAN PEDRO ST **N/A**
LOS ANGELES, CA 90014

Relative:
Lower

Actual:
234 ft.

LUST:
Region: STATE
Global Id: T0603788360
Latitude: 34.03097
Longitude: -118.255229
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/07/2011
Lead Agency: LOS ANGELES, CITY OF
Case Worker: EL

LAUSD - SAFETY SECTION BUS DIV (Continued) **S103630446**

Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
LOC Case Number:	XS0000953
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603788360
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603788360
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Status History:

Global Id:	T0603788360
Status:	Completed - Case Closed
Status Date:	09/07/2011

Global Id:	T0603788360
Status:	Open - Case Begin Date
Status Date:	02/20/1991

Global Id:	T0603788360
Status:	Open - Site Assessment
Status Date:	03/19/1991

Regulatory Activities:

Global Id:	T0603788360
Action Type:	ENFORCEMENT
Date:	09/07/2011
Action:	Closure/No Further Action Letter

Global Id:	T0603788360
Action Type:	Other
Date:	02/20/1991
Action:	Leak Discovery

Global Id:	T0603788360
Action Type:	Other
Date:	03/19/1991
Action:	Leak Reported

180
SW
1/4-1/2
0.437 mi.
2306 ft.

G & P RECYCLING CENTER
110 E 17TH ST
LOS ANGELES, CA 90015

SWRCY **S116682506**
N/A

Relative:
Lower

Actual:
228 ft.

SWRCY:

Reg Id:	203217
Cert Id:	RC203217.001
Mailing Address:	5425 W 64th St
Mailing City:	Los Angeles
Mailing State:	CA
Mailing Zip Code:	90056
Website:	Not reported
Email:	Not reported
Phone Number:	(323) 533-8531
Grand Father:	N
Rural:	N
Operation Begin Date:	04/16/2014
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	8:00 am - 5:00 pm
Tuesday Hours Of Operation:	8:00 am - 5:00 pm
Wednesday Hours Of Operation:	8:00 am - 5:00 pm
Thursday Hours Of Operation:	8:00 am - 5:00 pm
Friday Hours Of Operation:	8:00 am - 5:00 pm
Saturday Hours Of Operation:	8:00 am - 5:00 pm
Sunday Hours Of Operation:	8:00 am - 5:00 pm
Organization ID:	196269
Organization Name:	G & P Recycling Inc

181
NNW
1/4-1/2
0.458 mi.
2417 ft.

UNOCAL CORPORATION
730 OLYMPIC BLVD
LOS ANGELES, CA 90015

HIST CORTESE **S103065777**
LUST **N/A**
EMI

Relative:
Higher

Actual:
250 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900150070

LUST:

Region:	STATE
Global Id:	T0603700550
Latitude:	34.044564
Longitude:	-118.263789
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/30/1994
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150070
LOC Case Number:	Not reported

UNOCAL CORPORATION (Continued) **S103065777**

File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603700550
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700550
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Status History:
Global Id: T0603700550
Status: Completed - Case Closed
Status Date: 06/30/1994

Global Id: T0603700550
Status: Open - Case Begin Date
Status Date: 03/30/1994

Global Id: T0603700550
Status: Open - Remediation
Status Date: 03/30/1994

Regulatory Activities:
Global Id: T0603700550
Action Type: Other
Date: 03/30/1994
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900150070
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil

UNOCAL CORPORATION (Continued) **S103065777**

Abatement Method Used at the Site:		Not reported
Global ID:	T0603700550	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	FIGUEROA ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		3/30/1994
Date Leak Record Entered:	6/30/1995	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		6/30/1995
Date the Case was Closed:		6/30/1994
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	OLD CASE #960105-23	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2846.884676098390760468648895
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		3/30/1994
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	UNOCAL	
RP Address:	376 S VALENCIA BREA CA 92621	
Program:	LUST	
Lat/Long:	34.0444172 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	3901254-001GEN	
Summary:	Not reported	

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	76680
Air District Name:	SC
SIC Code:	1311

UNOCAL CORPORATION (Continued) **S103065777**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

182
North
1/4-1/2
0.459 mi.
2424 ft.

JOHNSON BRONZE COMPANY **ENVIROSTOR** **S101480797**
1818 S. GRAND AVENUE **N/A**
LOS ANGELES, CA 90017

Relative:
Higher

Actual:
259 ft.

ENVIROSTOR:

Facility ID:	19340506
Status:	Refer: Other Agency
Status Date:	08/15/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	22
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.03388
Longitude:	-118.2675
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * OIL/WATER SEPARATION SLUDGE * UNSPECIFIED SOLVENT MIXTURES
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	JOHNSON AUTOMOTIVE
Alias Type:	Alternate Name
Alias Name:	PARKER HANNIFIN CORP(1968-PRESENT)
Alias Type:	Alternate Name
Alias Name:	CAD981425002
Alias Type:	CERCLIS ID
Alias Name:	19340506
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery

JOHNSON BRONZE COMPANY (Continued) **S101480797**

Completed Date:	09/11/1981
Comments:	FACILITY IDENTIFIED ID BY 1947 PAC TEL DIR. BEARINGS: BABBITT, BRONZE, ETC.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AH183 **DEMOCRATIC NATIONAL CONVENTION - STAPLES CENTER** **CERCLIS** **1005440840**
NW **1111 SOUTH FIGUEROA STREET** **CASFN0905578**
1/4-1/2 **LOS ANGELES, CA 90015**
0.486 mi.
2568 ft. **Site 1 of 3 in cluster AH**

Relative:
Higher

Actual:
244 ft.

CERCLIS:

Site ID:	0905578
EPA ID:	CASFN0905578
Facility County:	LOS ANGELES
Short Name:	DEMOCRATIC CONVENTION
Congressional District:	33
IFMS ID:	09GC
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	R
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date:	01/10/02
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978

DEMOCRATIC NATIONAL CONVENTION - STAPLES CENTER (Continued) **1005440840**

Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: To track counter-terrorism actions and funding for the Democratic national convention at the Staples Center in LA.

CERCLIS Assessment History:

Action Code: 001
Action: REMOVAL
Date Started: 08/09/00
Date Completed: 08/18/00
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Click this hyperlink while viewing on your computer to access
23 additional US CERCLIS Financial: record(s) in the EDR Site Report.

AH184 **CITY OF LOS ANGELES - STAPLES ARENA** **SLIC** **S103975297**
NW **1111 S FIGUEROA** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.486 mi.
2568 ft. **Site 2 of 3 in cluster AH**

Relative:
Higher

Actual:
244 ft.

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/01/2005
Global Id: SL163772345
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0450144589412
Longitude: -118.266491889954
Case Type: Cleanup Program Site
Case Worker: DY
Local Agency: Not reported
RB Case Number: 0856
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported

CITY OF LOS ANGELES - STAPLES ARENA (Continued) **S103975297**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

AH185 **CITY OF LOS ANGELES - STAPLES ARENA** **SLIC** **S106387148**
NW **1111 FIGUEROA** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.486 mi.
2568 ft. **Site 3 of 3 in cluster AH**

Relative:
Higher

Actual:
244 ft.

SLIC REG 4:
Region: 4
Facility Status: Remediation
SLIC: 0856
Substance: TPH/VOCs/Metals
Staff: DY

---

186 **CONVENTION CENTER** **HIST CORTESE** **S101296999**
WNW **1201 FIGUEROA ST S** **LUST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015** **ENF**
0.489 mi.
2580 ft.

Relative:
Lower

Actual:
240 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900150089

LUST:
Region: STATE
Global Id: T0603700551
Latitude: 34.040463
Longitude: -118.268681
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/13/1998
Lead Agency: LOS ANGELES, CITY OF
Case Worker: EL
Local Agency: LOS ANGELES, CITY OF
RB Case Number: 900150089
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603700551
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles

CONVENTION CENTER (Continued) **S101296999**

Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700551
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Status History:
Global Id: T0603700551
Status: Completed - Case Closed
Status Date: 08/13/1998

Global Id: T0603700551
Status: Open - Case Begin Date
Status Date: 05/11/1988

Global Id: T0603700551
Status: Open - Site Assessment
Status Date: 09/20/1988

Regulatory Activities:
Global Id: T0603700551
Action Type: Other
Date: 05/11/1988
Action: Leak Discovery

Global Id: T0603700551
Action Type: Other
Date: 06/10/1988
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900150089
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700551
W Global ID: W0607701254
Staff: UNK
Local Agency: 19050
Cross Street: PICO BLVD
Enforcement Type: Not reported
Date Leak Discovered: 5/11/1988
Date Leak First Reported: 6/10/1988

CONVENTION CENTER (Continued) **S101296999**

Date Leak Record Entered: 9/15/1988
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 8/13/1998
Date the Case was Closed: 8/13/1998
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Piping
Operator: MUNICIPAL AUDITORIUM DEPT.
Water System: UNOCAL - JIM SCOTT
Well Name: Not reported
Approx. Dist To Production Well (ft): 3846.284325040581658650906 3843
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 9/20/1988
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: E BROOKES TREIDLER
RP Address: SAME AS ABOVE
Program: LUST
Lat/Long: 34.0421633 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: DISCOVERED BY PRIME LOSS NOTE FROM PUMP, SO DISPENSER REMOVED FROM SERVICE

ENF:
Region: 4
Facility Id: 238610
Agency Name: Los Angeles Convention Center
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 34.042226
Place Longitude: -118.26655
SIC Code 1: 7389
SIC Desc 1: Business Services, NEC
SIC Code 2: 7999
SIC Desc 2: Amusement and Recreation Services, NEC

CONVENTION CENTER (Continued) **S101296999**

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.016
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B196400033
Reg Measure Id:	193902
Reg Measure Type:	Enrollee
Region:	4
Order #:	R4-2004-0058
Npdes# CA#:	CAG994003
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	04/21/2010
Effective Date:	06/30/1998
Expiration/Review Date:	02/03/2005
Termination Date:	12/20/2005
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	253306
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	05/18/2004
Adoption/Issuance Date:	05/18/2004
Achieve Date:	Not reported
Termination Date:	05/18/2004

CONVENTION CENTER (Continued) **S101296999**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 5/18/04 for overdue 1Q04 DMR.
Description:	NOV sent 5/18/04 for overdue 1Q04 DMR.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

Region:	4
Facility Id:	238610
Agency Name:	Los Angeles Convention Center
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.042226
Place Longitude:	-118.26655
SIC Code 1:	7389
SIC Desc 1:	Business Services, NEC
SIC Code 2:	7999
SIC Desc 2:	Amusement and Recreation Services, NEC
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.016
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B196400033
Reg Measure Id:	193902
Reg Measure Type:	Enrollee
Region:	4
Order #:	R4-2004-0058

CONVENTION CENTER (Continued) **S101296999**

Npdes# CA#:	CAG994003
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	04/21/2010
Effective Date:	06/30/1998
Expiration/Review Date:	02/03/2005
Termination Date:	12/20/2005
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	228151
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/17/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/17/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Level 1 enforcement letter sent 2/17/00 for 3 overdue DMRs.-4B190106034
Description:	Level 1 enforcement letter sent 2/17/00 for 3 overdue DMRs.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

---

187 **JET DELIVERY** **HIST CORTESE** **S101297432**
ESE **750 010TH ST E** **LUST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90021**
0.499 mi.
2633 ft.

Relative:
Higher

Actual:
241 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900210107

JET DELIVERY (Continued) **S101297432**

LUST:

Region:	STATE
Global Id:	T0603700650
Latitude:	34.0352258
Longitude:	-118.2511012
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/06/2009
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	WR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900210107
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700650
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603700650
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

Status History:

Global Id:	T0603700650
Status:	Completed - Case Closed
Status Date:	04/06/2009

Global Id:	T0603700650
Status:	Open - Case Begin Date
Status Date:	10/22/1985

Global Id:	T0603700650
Status:	Open - Site Assessment
Status Date:	10/22/1985

Regulatory Activities:

Global Id:	T0603700650
Action Type:	Other
Date:	10/22/1985

JET DELIVERY (Continued) **S101297432**

Action: Leak Discovery

Global Id: T0603700650
Action Type: Other
Date: 10/22/1985
Action: Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900210107	
Status:	Leak being confirmed	
Substance:	1	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700650	
W Global ID:	W0605100582	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	CRACKER ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/22/1985	
Date Leak First Reported:		10/22/1985
Date Leak Record Entered:	8/11/1987	
Date Confirmation Began:	10/22/1985	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		10/22/1985
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	YMCA CAMP OF LOS ANGELES 2	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		4344.00778733792423483484804 41
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	JET DELIVERY	

JET DELIVERY (Continued) **S101297432**

RP Address: 750 E 10TH ST, LOS ANGELES, CA 90021
Program: LUST
Lat/Long: 34.0352258 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 2600582-001GEN
Summary: Not reported

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188 **UNITED BUILDING ASSOCIATES** **ENVIROSTOR** **S110494422**
NNE **707 S BROADWAY #411** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.502 mi.
2648 ft.

Relative:
Higher

Actual:
258 ft.

ENVIROSTOR:
Facility ID: 71003260
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000059257
Alias Type: EPA Identification Number
Alias Name: 71003260
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

UNITED BUILDING ASSOCIATES (Continued) **S110494422**

Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

189
SSE
1/2-1
0.519 mi.
2738 ft.

LAUSD MASTER AGREEMENT **SCH** **S111752578**
1449 SOUTH SAN PEDRO STREET **ENVIROSTOR** **N/A**
LOS ANGELES, CA 90015

Relative:
Lower

Actual:
231 ft.

SCH:

Facility ID:	19820019
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Shahir Haddad
Supervisor:	Thomas Cota
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	300774
Assembly:	53
Senate:	22
Special Program Status:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/01/1998
Restricted Use:	NO
Funding:	School District
Latitude:	34.03085
Longitude:	-118.2553
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LAUSD
Alias Type:	Alternate Name
Alias Name:	LAUSD MASTER AGREEMENT
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	300774
Alias Type:	Project Code (Site Code)
Alias Name:	19820019
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Completed Date: 03/23/2012
Comments: 2nd Collection Letter for Invoices I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: First Collection Letter Inv# I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 06/17/2013
Comments: Fully executed MSCA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 04/29/2013
Comments: Fully executed sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/06/2013
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19820019
Status: Active
Status Date: 07/01/1998
Site Code: 300774
Site Type: School Investigation
Site Type Detailed: School
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Shahir Haddad

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Supervisor:	Thomas Cota
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	22
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.03085
Longitude:	-118.2553
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LAUSD
Alias Type:	Alternate Name
Alias Name:	LAUSD MASTER AGREEMENT
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	300774
Alias Type:	Project Code (Site Code)
Alias Name:	19820019
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	03/23/2012
Comments:	2nd Collection Letter for Invoices I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	02/16/2012
Comments:	First Collection Letter Inv# I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	06/17/2013
Comments:	Fully executed MSCA sent (FedEx) to District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/29/2013
Comments:	Fully executed sent (FedEx) to District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	02/10/2000
Comments:	Not reported

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	11/06/2013
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AI190 **LOS ANGELES UNITED INVESTMENT CO.** **ENVIROSTOR** **S110494021**
NNE **650 S. HILL STREET #1010** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.585 mi.
3090 ft. **Site 1 of 3 in cluster AI**

Relative:
Higher

Actual:
264 ft.

ENVIROSTOR:

Facility ID:	71003114
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD982522344
Alias Type:	EPA Identification Number
Alias Name:	110009547598
Alias Type:	EPA (FRS #)
Alias Name:	71003114
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported

LOS ANGELES UNITED INVESTMENT CO. (Continued) **S110494021**

Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AI191 **ATLAS PRECIOUS METALS INC** **HWP** **S107145812**
NNE **640 S HILL ST** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.597 mi.
3152 ft. **Site 2 of 3 in cluster AI**

Relative:
Higher

Actual:
265 ft.

HWP:
EPA Id: CAL000098454
Cleanup Status: OPERATING PERMIT
Latitude: 34.04975
Longitude: -118.2540
Facility Type: Permitted - Operating
Facility Size: Standardized Series Small Quantity Series C
Team: LORI KOCH
Supervisor: ALFRED WONG
Site Code: 301156
Assembly District: 53
Senate District: 30
Public Information Officer: Not reported

Activities:
EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - DISCLOSURE (CLEARED)
Actual Date: 02/09/2011

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 01/30/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 12/23/2003

EPA Id: CAL000098454
Facility Type: Permitted - Operating

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/23/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 01/30/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/23/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 03/18/2011

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 05/08/2008

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 04/13/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - CEQA DETERMINATION

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Actual Date: 04/10/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - ADMINISTRATIVE REVIEW COMPLETE
Actual Date: 02/22/2004

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date: 12/23/2005

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/23/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 12/23/2003

Alias:
EPA Id: CAL000098454
Facility Type: Permitted - Operating
Alias Type: Project Code (Site Code)
Alias: 301156

AI192 **M & M HOLDING, LLC** **ENVIROSTOR** **S110494027**
NNE **629 S. HILL STREET #1202** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.612 mi.
3229 ft. **Site 3 of 3 in cluster AI**

Relative:
Higher

Actual:
266 ft.

ENVIROSTOR:
Facility ID: 71003306
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported

M & M HOLDING, LLC (Continued) **S110494027**

NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000213712
Alias Type: EPA Identification Number
Alias Name: 71003306
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 04/30/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

193
ESE
1/2-1
0.641 mi.
3383 ft.

Relative: Higher

Actual: 245 ft.

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL **SCH** **S109821375**
8TH ST./TOWNE AVE./9TH ST./STANFORD AVE. **ENVIROSTOR** **N/A**
LOS ANGELES, CA 90021

SCH:

Facility ID: 60001149
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3.76
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Project Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304626
Assembly:	53
Senate:	22
Special Program Status:	Voluntary Cleanup Program
Status:	Certified
Status Date:	06/12/2012
Restricted Use:	NO
Funding:	School District
Latitude:	34.0361
Longitude:	-118.247
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MANUFACTURING - CERAMICS, OFFICE BUILDING, RESIDENTIAL AREA, SCHOOL - ELEMENTARY, RESIDENTIAL AREA, RETAIL - SERVICE STATION, SCHOOL - MIDDLE
Potential COC:	Arsenic, Benzene, DDD, DDE, DDT, Lead, Methane, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Trichloroethylene (TCE, Benzene, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Trichloroethylene (TCE
Confirmed COC:	30001-NO, Benzene, Lead, 30015-NO, 30006-NO, 30007-NO, 30008-NO, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Polychlorinated biphenyls (PCBs, Trichloroethylene (TCE, , Benzene, Benzene, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Polychlorinated biphenyls (PCBs, Trichloroethylene (TCE
Potential Description:	IA, SOIL, SV, SOIL, SV
Alias Name:	304626
Alias Type:	Project Code (Site Code)
Alias Name:	60001149
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	06/11/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/17/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/17/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	11/04/2009
Comments:	Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 07/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/08/2010
Comments: SSI Adequacy letter completed. Comments to be addressed in RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 12/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 03/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/12/2011
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/07/2011
Comments: DTSC approved Area B Removal action Completion Report with a no further action determination

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/12/2012
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

ENVIROSTOR:

Facility ID:	60001149
Status:	Certified
Status Date:	06/12/2012
Site Code:	304626
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	3.76
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	22
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.0361
Longitude:	-118.247
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MANUFACTURING - CERAMICS, OFFICE BUILDING, RESIDENTIAL AREA, SCHOOL - ELEMENTARY, RESIDENTIAL AREA, RETAIL - SERVICE STATION, SCHOOL - MIDDLE
Potential COC:	Arsenic Benzene DDD DDE DDT Lead Methane Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Benzene Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC:	30001-NO Benzene Lead 30015-NO 30006-NO 30007-NO 30008-NO Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Polychlorinated biphenyls (PCBs Trichloroethylene (TCE Benzene Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Polychlorinated biphenyls (PCBs Trichloroethylene (TCE
Potential Description:	IA, SOIL, SV, SOIL, SV
Alias Name:	304626
Alias Type:	Project Code (Site Code)
Alias Name:	60001149
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	06/11/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/17/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 07/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/08/2010
Comments: SSI Adequacy letter completed. Comments to be addressed in RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 12/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/09/2011

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 03/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/12/2011
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/07/2011
Comments: DTSC approved Area B Removal action Completion Report with a no further action determination

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/12/2012
Comments: Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AJ194 **MGR JEWELRY** **EMI S106835553**
NNE **314 W SIXTH STREET** **ENVIROSTOR N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.642 mi.
3390 ft. **Site 1 of 2 in cluster AJ**

Relative:
Higher

Actual:
265 ft.

EMI:

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	57386
Air District Name:	SC
SIC Code:	3369
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Facility ID:	71003112
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.04695
Longitude:	-118.2524
APN:	NONE SPECIFIED

MGR JEWELRY (Continued) **S106835553**

Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982519704
Alias Type: EPA Identification Number
Alias Name: 71003112
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AJ195 **LENCO JEWELRY, INC** **RCRA-SQG** **1000596822**
NNE **412 W 6TH ST** **FINDS** **CAD983608027**
1/2-1 **LOS ANGELES, CA 90014** **ENVIROSTOR**
0.650 mi.
3433 ft. **Site 2 of 2 in cluster AJ**

Relative:
Higher

Actual:
267 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: PARK CENTRAL BUILDING
Facility address: 412 W 6TH ST
LOS ANGELES, CA 90014
EPA ID: CAD983608027
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: WILLIAM BLOOMFIELD
Owner/operator address: 412 W 6TH ST
LOS ANGELES, CA 90014
Owner/operator country: Not reported

LENCO JEWELRY, INC (Continued) **1000596822**

Owner/operator telephone: (213) 627-3998
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/01/1996
Site name: PARK CENTRAL BUILDING
Classification: Small Quantity Generator

Date form received by agency: 03/30/1994
Site name: PARK CENTRAL BUILDING
Classification: Large Quantity Generator

Date form received by agency: 10/18/1991
Site name: PARK CENTRAL BUILDING
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State

LENCO JEWELRY, INC (Continued) **1000596822**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 10/01/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 10/01/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/09/1994
Date achieved compliance: 03/09/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/01/2004
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

LENCO JEWELRY, INC (Continued) **1000596822**

Evaluation date: 03/08/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/01/2004
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: 10/01/2004
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/1999
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110009535351

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110009548891

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ENVIROSTOR:
Facility ID: 71003138
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported

LENCO JEWELRY, INC (Continued) **1000596822**

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983608027
Alias Type: EPA Identification Number
Alias Name: 71003138
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

196
SSE
1/2-1
0.670 mi.
3535 ft.

Relative:
Lower

Actual:
232 ft.

ROYAL PLATING CO
787 E 15TH ST
LOS ANGELES, CA 90021

RCRA-SQG **1000148255**
FINDS **CAD008252173**
CA FID UST
UST
HIST UST
SWEEPS UST
DEED
VCP
HAZNET
EMI
ENVIROSTOR

RCRA-SQG:
Date form received by agency: 09/01/1996

ROYAL PLATING CO (Continued) **1000148255**

Facility name: ROYAL PLATING CO
Facility address: 787 E 15TH ST
LOS ANGELES, CA 90021
EPA ID: CAD008252173
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: GOLNICK STANLEY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

ROYAL PLATING CO (Continued) **1000148255**

Historical Generators:
Date form received by agency: 08/18/1980
Site name: ROYAL PLATING CO
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002630840

Environmental Interest/Information System
California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA FID UST:
Facility ID: 19028175
Regulated By: UTNKA
Regulated ID: 00041151
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137495006
Mail To: Not reported
Mailing Address: 787 E 15TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900210000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

UST:
Facility ID: 24452
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.030808
Longitude: -118.251317

HIST UST:
Region: STATE

ROYAL PLATING CO (Continued) **1000148255**

Facility ID:	00000041151
Facility Type:	Other
Other Type:	PLATING WORKS
Contact Name:	TIEMAN MICHAEL
Telephone:	0000000000
Owner Name:	ROYAL PLATING WORKS
Owner Address:	787 E. 15TH ST.
Owner City,St,Zip:	LOS ANGELES, CA 90021
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1981
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Not reported
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

SWEEPS UST:

Status:	Active
Comp Number:	2183
Number:	2
Board Of Equalization:	44-012166
Referral Date:	05-04-93
Action Date:	05-04-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002183-000001
Tank Status:	A
Capacity:	1500
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	2
Status:	Active
Comp Number:	2183
Number:	2
Board Of Equalization:	44-012166
Referral Date:	05-04-93
Action Date:	05-04-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002183-000002
Tank Status:	A
Capacity:	Not reported

ROYAL PLATING CO (Continued) **1000148255**

Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

DEED:
Envirostor ID: 19340770
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/20/2001

VCP:
Facility ID: 19340770
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, HOS, LUC, NDEV, NSUB, SCH, RES
Acres: 0.63
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Poonam Acharya
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300638
Assembly: 53
Senate: 22
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 08/23/2013
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 34.02945 / -118.2526
APN: 5132-026-038, 5132026038
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: 30003, 30005, 30013, 30022, 30108, 30160, 30272, 30407, 30550, 30577, 30593
Confirmed COC: 30550,30577,30022,30108,30160,30272,30407,30003,30005,30013,30593
Potential Description: SOIL
Alias Name: ALAN BAILEY
Alias Type: Alternate Name
Alias Name: ASSOCIATED PLATING
Alias Type: Alternate Name
Alias Name: EVERGREEN INVESTMENTS
Alias Type: Alternate Name
Alias Name: ROYAL PLATING
Alias Type: Alternate Name
Alias Name: 5132-026-038
Alias Type: APN
Alias Name: 5132026038
Alias Type: APN

ROYAL PLATING CO (Continued) **1000148255**

Alias Name: 110033607103
Alias Type: EPA (FRS #)
Alias Name: 300638
Alias Type: Project Code (Site Code)
Alias Name: 19340770
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/12/2009
Comments: LUC inspection completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/03/2012
Comments: Inspection completed for the 2011/2012 fiscal year. No violation of LUC was observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/18/2012
Comments: Inspection Checklist sent to DTSC by owner. No violations of the LUR exist. Follow up inspection to be completed next fiscal year (2013-2014) along with 5 year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/20/2001
Comments: Deed Restriction entered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/02/1997
Comments: DTSC and Alan Bailey, the property owner executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for the site property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/03/1997
Comments: On November 3, 1997, DTSC approved a Preliminary Endangerment Assessment Equivalent. DTSC determined that "No Further Action" is necessary with respect to hazardous substances in the soil. However, a deed restriction limiting site use to commercial/ industrial was required.

ROYAL PLATING CO (Continued) **1000148255**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	10/07/2008
Comments:	Annual Deed Restriction Inspection completed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	05/23/2011
Comments:	LUC inspection for FY 2010-2011 completed and site is in compliance with LUC.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

HAZNET:

envid:	1000148255
Year:	1996
GEPAID:	CAD008252173
Contact:	GOLNICK STANLEY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	787 E 15TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900210000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Not reported
Tons:	.2293
Facility County:	Los Angeles

envid:	1000148255
Year:	1996
GEPAID:	CAD008252173
Contact:	GOLNICK STANLEY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	787 E 15TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900210000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	.2500
Facility County:	Los Angeles

ROYAL PLATING CO (Continued) **1000148255**

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	16475
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	16475
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Facility ID:	19340770
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	08/23/2013
Site Code:	300638
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.63
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Poonam Acharya
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	22
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES
Site Mgmt Req:	DAY, HOS, LUC, NDEV, NSUB, SCH, RES
Funding:	Responsible Party
Latitude:	34.02945

ROYAL PLATING CO (Continued) **1000148255**

Longitude: -118.2526
APN: 5132-026-038, 5132026038
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Tetrachloroethylene (PCE Cadmium and compounds Cyanide (free Ethylbenzene Nickel Toluene 1,2,4-Trimethylbenzene Xylenes
Confirmed COC: Toluene 1,2,4-Trimethylbenzene Tetrachloroethylene (PCE Cadmium and compounds Cyanide (free Ethylbenzene Nickel Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Xylenes
Potential Description: SOIL
Alias Name: ALAN BAILEY
Alias Type: Alternate Name
Alias Name: ASSOCIATED PLATING
Alias Type: Alternate Name
Alias Name: EVERGREEN INVESTMENTS
Alias Type: Alternate Name
Alias Name: ROYAL PLATING
Alias Type: Alternate Name
Alias Name: 5132-026-038
Alias Type: APN
Alias Name: 5132026038
Alias Type: APN
Alias Name: 110033607103
Alias Type: EPA (FRS #)
Alias Name: 300638
Alias Type: Project Code (Site Code)
Alias Name: 19340770
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/12/2009
Comments: LUC inspection completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/03/2012
Comments: Inspection completed for the 2011/2012 fiscal year. No violation of LUC was observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/18/2012
Comments: Inspection Checklist sent to DTSC by owner. No violations of the LUR exist. Follow up inspection to be completed next fiscal year (2013-2014) along with 5 year Review.

Completed Area Name: PROJECT WIDE

ROYAL PLATING CO (Continued) **1000148255**

Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	03/20/2001
Comments:	Deed Restriction entered.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	01/02/1997
Comments:	DTSC and Alan Bailey, the property owner executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for the site property.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/03/1997
Comments:	On November 3, 1997, DTSC approved a Preliminary Endangerment Assessment Equivalent. DTSC determined that "No Further Action" is necessary with respect to hazardous substances in the soil. However, a deed restriction limiting site use to commercial/ industrial was required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	10/07/2008
Comments:	Annual Deed Restriction Inspection completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	05/23/2011
Comments:	LUC inspection for FY 2010-2011 completed and site is in compliance with LUC.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

197
East
1/2-1
0.678 mi.
3581 ft.

ACE PLATING COMPANY INC
719 TOWNE
LOS ANGELES, CA 90021

SLIC **S105632824**
CHMIRS **N/A**
LA Co. Site Mitigation
ENVIROSTOR

Relative:
Higher

Actual:
250 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	06/06/2013
Global Id:	T10000004814
Lead Agency:	LOS ANGELES RWQCB (REGION 4)

ACE PLATING COMPANY INC (Continued) **S105632824**

Lead Agency Case Number:	Not reported
Latitude:	34.0392409
Longitude:	-118.245909
Case Type:	Cleanup Program Site
Case Worker:	JL
Local Agency:	Not reported
RB Case Number:	1290
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CHMIRS:

OES Incident Number:	5351	
OES notification:	Not reported	
OES Date:	11/23/1994	
OES Time:	06:35:17 AM	
Incident Date:	Not reported	
Date Completed:	**Not reported**	
Property Use:	Not reported	
Agency Id Number:	Not reported	
Agency Incident Number:	Not reported	
Time Notified:	Not reported	
Time Completed:	Not reported	
Surrounding Area:	Not reported	
Estimated Temperature:	Not reported	
Property Management:	Not reported	
More Than Two Substances Involved?:		Not reported
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:	Not reported	
Vehicle License Number:	Not reported	
Vehicle State:	Not reported	
Vehicle Id Number:	Not reported	
CA DOT PUC/ICC Number:	Not reported	
Company Name:	Not reported	
Reporting Officer Name/ID:	Not reported	
Report Date:	Not reported	
Facility Telephone:	Not reported	
Waterway Involved:	YES	
Waterway:	Not reported	
Spill Site:	Not reported	
Cleanup By:	discharger/county health	
Containment:	Not reported	
What Happened:	Not reported	
Type:	CHEMICAL	
Measure:	Not reported	
Other:	Not reported	
Date/Time:	Not reported	
Year:	1994	
Agency:	la cy fd	

ACE PLATING COMPANY INC (Continued) **S105632824**

Incident Date:	11/23/94 0400
Admin Agency:	Not reported
Amount:	150 gal
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	stripping compound "B -9 nickel iron stripper"
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	heater in tank left on overnight - substance became overheated and meltetank causing small fire. drained into containment area -

LA Co. Site Mitigation:

Facility ID:	Not reported
Site ID:	SD0000375
Jurisdiction:	County
Case ID:	RO0001376
Abated:	No
Assigned To:	Shahin Nourishad
Entered Date:	10/05/2011

ENVIROSTOR:

Facility ID:	71002245
Status:	Inactive - Needs Evaluation
Status Date:	05/09/2012
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.03924

ACE PLATING COMPANY INC (Continued) **S105632824**

Longitude: -118.2459
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008514648
Alias Type: EPA Identification Number
Alias Name: 71002245
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

198
SSE
1/2-1
0.770 mi.
4064 ft.

SUNGRO PRODUCTS LLC
810 18TH
LOS ANGELES, CA 90021

NPDES **1000365753**
LA Co. Site Mitigation **N/A**
ENVIROSTOR

Relative:
Lower

Actual:
228 ft.

NPDES:
Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 4
Regulatory Measure Id: 347223
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 4 19I021631
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 06/18/2008
PROCESSED DATE: 06/25/2008
STATUS CODE NAME: Active
STATUS DATE: 06/25/2008

SUNGRO PRODUCTS LLC (Continued) **1000365753**

PLACE SIZE:	18000
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Larry Mackson
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	213-747-4125
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Sungro Products LLC
OPERATOR ADDRESS:	810 E 18th St
OPERATOR CITY:	Los Angeles
OPERATOR STATE:	California
OPERATOR ZIP:	90021
OPERATOR CONTACT NAME:	Larry Mackson
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	213-747-4125
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Los Angeles River
CERTIFIER NAME:	LARRY MACKSON
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	19-JUL-12
PRIMARY SIC:	2899-Chemicals and Chemical Preparations, NEC
SECONDARY SIC:	2879-Pesticides and Agricultural Chemicals, NEC
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Regulatory Measure Id:	347223
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I021631
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/25/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sungro Products LLC
Discharge Address:	810 E 18th St
Discharge City:	Los Angeles
Discharge State:	California
Discharge Zip:	90021
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported

SUNGRO PRODUCTS LLC (Continued) **1000365753**

CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

LA Co. Site Mitigation:

Facility ID:	Not reported
Site ID:	Not reported
Jurisdiction:	Not reported
Case ID:	Not reported
Abated:	Not reported
Assigned To:	Not reported
Entered Date:	Not reported

ENVIROSTOR:

Facility ID:	19281202
Status:	Refer: Other Agency
Status Date:	08/31/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.02722
Longitude:	-118.2544
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	BEST CONTAINER
Alias Type:	Alternate Name
Alias Name:	GROLYFE DIVISION
Alias Type:	Alternate Name
Alias Name:	LANE LABS

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Alias Type: Alternate Name
Alias Name: CAD009689696
Alias Type: EPA Identification Number
Alias Name: 110002637923
Alias Type: EPA (FRS #)
Alias Name: 19281202
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/11/1995
Comments: NFA FOR DTSC.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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199 WNW 1/2-1 0.856 mi. 4519 ft. **JEFFRIES BANKNOTE COMPANY** **ENVIROSTOR** **S101480580**
1330 WEST PICO BLVD **N/A**
LOS ANGELES, CA 90015

Relative: Lower

Actual: 240 ft.

ENVIROSTOR:
Facility ID: 19270326
Status: Refer: Other Agency
Status Date: 08/21/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 22
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.04237
Longitude: -118.2740
APN: 5135035020
Past Use: NONE SPECIFIED
Potential COC: Lead Chromium VI Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED

JEFFRIES BANKNOTE COMPANY (Continued) **S101480580**

Alias Name: 5135035020
Alias Type: APN
Alias Name: CAD028528230
Alias Type: EPA Identification Number
Alias Name: 110002640624
Alias Type: EPA (FRS #)
Alias Name: 19270326
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/07/1994
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 01/27/1984
Comments: FACILITY DRIVE-BY ASAP. NO HAZ WASTE PROB OBSERVED. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/26/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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200 SSW 1/2-1 0.880 mi. 4646 ft.

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) **SCH** **S107737369**
231 EAST 23RD STREET **ENVIROSTOR** **N/A**
LOS ANGELES, CA 90011

Relative: Lower

Actual: 217 ft.

SCH:

Facility ID: 19590012
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 22
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Shahir Haddad
Supervisor: Shahir Haddad

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) (Continued) **S107737369**

Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304247
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	06/22/2007
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Benzene, Lead, Tetrachloroethylene (PCE, TPH-diesel
Confirmed COC:	30022-NO, 30024-NO, 30003-NO, 30013-NO
Potential Description:	SOIL, SV
Alias Name:	LAUSD-SANTEE DIARY SITE
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SANTEE DAIRY
Alias Type:	Alternate Name
Alias Name:	SOUTH CENTRAL AREA NEW HIGH SCHOOL
Alias Type:	Alternate Name
Alias Name:	304247
Alias Type:	Project Code (Site Code)
Alias Name:	19590012
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/22/2007
Comments:	CRU Memo completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/07/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	05/20/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/11/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/01/2003

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) (Continued) **S107737369**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/03/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/14/2005
Comments: DTSC letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19590012
Status: No Further Action
Status Date: 06/22/2007
Site Code: 304247
Site Type: School Investigation
Site Type Detailed: School
Acres: 22
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Shahir Haddad
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) (Continued) **S107737369**

Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: * RETIAL - MISC.
Potential COC: Benzene Lead Tetrachloroethylene (PCE TPH-diesel
Confirmed COC: 30022-NO 30024-NO 30003-NO 30013-NO
Potential Description: SOIL, SV
Alias Name: LAUSD-SANTEE DIARY SITE
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTEE DAIRY
Alias Type: Alternate Name
Alias Name: SOUTH CENTRAL AREA NEW HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: 304247
Alias Type: Project Code (Site Code)
Alias Name: 19590012
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/22/2007
Comments: CRU Memo completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/20/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) (Continued) **S107737369**

Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/03/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/14/2005
Comments: DTSC letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

201
NW
1/2-1
0.886 mi.
4678 ft.

BELMONT NEW PRIMARY CENTER NO. 11B **SCH** **S105628546**
927-937 BLAINE STREET **ENVIROSTOR** **N/A**
LOS ANGELES, CA 90015

Relative:
Higher

Actual:
256 ft.

SCH:

Facility ID: 19750090
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.39
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Site Code:	304339
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	09/29/2005
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead
Confirmed COC:	30013-NO
Potential Description:	NONE SPECIFIED
Alias Name:	BELMONT NEW PRIMARY CENTER NO. 11B (EXP)
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304339
Alias Type:	Project Code (Site Code)
Alias Name:	19750090
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/18/2002
Comments:	The project was completed in September 2005.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	10/22/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

ENVIROSTOR:

Facility ID:	19750090

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Status: Inactive - Needs Evaluation
Status Date: 09/29/2005
Site Code: 304339
Site Type: School Investigation
Site Type Detailed: School
Acres: 0.39
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: Lead
Confirmed COC: 30013-NO
Potential Description: NONE SPECIFIED
Alias Name: BELMONT NEW PRIMARY CENTER NO. 11B (EXP)
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304339
Alias Type: Project Code (Site Code)
Alias Name: 19750090
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/18/2002
Comments: The project was completed in September 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/22/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

202
SSW
1/2-1
0.913 mi.
4820 ft.

TRINITY PRIMARY SITE NO. 12 **SCH** **S107737472**
TRINITY STREET/23RD STREET/WALL STREET **ENVIROSTOR** **N/A**
LOS ANGELES, CA 90011

Relative:
Lower

Actual:
219 ft.

SCH:

Facility ID:	19880058
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.51
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304094
Assembly:	59
Senate:	22
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	02/10/2000
Restricted Use:	NO
Funding:	School District
Latitude:	34.02494
Longitude:	-118.2608
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LA USD-28TH/TRINITY PRIMRY ELEM. #12/VCA
Alias Type:	Alternate Name
Alias Name:	LAUSD-28TH TRINITY PRIMARY #12/CDE
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	TRINITY PRIMARY SITE #12
Alias Type:	Alternate Name
Alias Name:	304054
Alias Type:	Project Code (Site Code)
Alias Name:	304094
Alias Type:	Project Code (Site Code)
Alias Name:	19880058
Alias Type:	Envirostor ID Number

Completed Info:

TRINITY PRIMARY SITE NO. 12 (Continued) **S107737472**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19880058
Status: Inactive - Withdrawn
Status Date: 02/10/2000
Site Code: 304094
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.51
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 59
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.02494
Longitude: -118.2608
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LA USD-28TH/TRINITY PRIMRY ELEM. #12/VCA
Alias Type: Alternate Name
Alias Name: LAUSD-28TH TRINITY PRIMARY #12/CDE
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: TRINITY PRIMARY SITE #12
Alias Type: Alternate Name

TRINITY PRIMARY SITE NO. 12 (Continued) **S107737472**

Alias Name: 304054
Alias Type: Project Code (Site Code)
Alias Name: 304094
Alias Type: Project Code (Site Code)
Alias Name: 19880058
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

203
NW
1/2-1
0.946 mi.
4994 ft.

BELMONT PRIMARY CENTER NO. 11 **SCH** **S105954501**
950 SOUTH ALBANY STREET **ENVIROSTOR** **N/A**
LOS ANGELES, CA 90015

Relative: Higher

Actual: 254 ft.

SCH:

Facility ID: 19590009
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304271
Assembly: 53
Senate: 22
Special Program Status: Not reported
Status: Certified
Status Date: 06/02/2003
Restricted Use: NO
Funding: School District

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Latitude:	34.04808
Longitude:	-118.2708
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	BELMONT PRIMARY CENTER NO. 11
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033618137
Alias Type:	EPA (FRS #)
Alias Name:	304271
Alias Type:	Project Code (Site Code)
Alias Name:	19590009
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	01/24/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	06/02/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	05/06/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	03/22/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Public Participation
Completed Date:	02/13/2003
Comments:	Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/02/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19590009
Status: Certified
Status Date: 06/02/2003
Site Code: 304271
Site Type: School Cleanup
Site Type Detailed: School
Acres: 0.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.04808
Longitude: -118.2708
APN: NONE SPECIFIED
Past Use: * RETIAL - MISC.
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: BELMONT PRIMARY CENTER #11
Alias Type: Alternate Name
Alias Name: BELMONT PRIMARY CENTER NO. 11
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT PRIMARY CENTER #11
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033618137
Alias Type: EPA (FRS #)
Alias Name: 304271
Alias Type: Project Code (Site Code)
Alias Name: 19590009
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Document Type: * Public Participation
Completed Date: 02/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/02/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AK204 **CAHUENGA NEW ELEMENTARY SCHOOL NO. 1** **SCH** **S105628542**
NNE **WESTERN AVENUE/OXFORD AVENUE** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90004**
0.969 mi.
5118 ft. **Site 1 of 13 in cluster AK**

Relative: Higher

SCH:

Actual: 400 ft.

Facility ID: 19730195
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.64
National Priorities List: NO

CAHUENGA NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628542**

Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304276
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	02/26/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* BUSINESS SERVICES
Potential COC:	Chloromethane (methyl chloride, Chloromethane (methyl chloride, Carbon disulfide, Benzene, 1,2,4-Trimethylbenzene, Toluene, Acetone, Molybdenum, Tetrachloroethylene (PCE, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, Xylenes, 1,2-Dibromo-3-chloropropane (DBCP, Methylene chloride, Dichlorodifluoromethane, Chloroform, Ethylbenzene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV, SURFW
Alias Name:	CAHUENGA NEW ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	CAHUENGA NEW ELEMENTARY SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	LAUSD-CAHUENGA ES # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304276
Alias Type:	Project Code (Site Code)
Alias Name:	19730195
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/26/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/20/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

CAHUENGA NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628542**

Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/14/2001
Comments: PEA Workplan implemented without DTSC approval.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19730195
Status: No Further Action
Status Date: 02/26/2004
Site Code: 304276
Site Type: School Investigation
Site Type Detailed: School
Acres: 2.64
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: * BUSINESS SERVICES
Potential COC: Chloromethane (methyl chloride Carbon disulfide Benzene 1,2,4-Trimethylbenzene Toluene Acetone Molybdenum Tetrachloroethylene (PCE 1,3,5-Trimethylbenzene 1,4-Dichlorobenzene Xylenes 1,2-Dibromo-3-chloropropane (DBCP Methylene chloride Dichlorodifluoromethane Chloroform Ethylbenzene
Confirmed COC: NONE SPECIFIED

CAHUENGA NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628542**

Potential Description: SOIL, SV, SURFW
Alias Name: CAHUENGA NEW ELEMENTARY SCHOOL #1
Alias Type: Alternate Name
Alias Name: CAHUENGA NEW ELEMENTARY SCHOOL NO. 1
Alias Type: Alternate Name
Alias Name: LAUSD-CAHUENGA ES # 1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304276
Alias Type: Project Code (Site Code)
Alias Name: 19730195
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/20/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/14/2001
Comments: PEA Workplan implemented without DTSC approval.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

CAHUENGA NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628542**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AK205 **VINE NEW PRIMARY CENTER** **SCH** **S105628533**
NNE **LA MIRADA AVE/CAHUENGA BLVD/LEXINGTON AVE/COLE AVE** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90038**
0.969 mi.
5118 ft. **Site 2 of 13 in cluster AK**

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19650022
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304212
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	Inactive - Action Required
Status Date:	03/20/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* UNKNOWN
Potential COC:	Lead, Polychlorinated biphenyls (PCBs
Confirmed COC:	Polychlorinated biphenyls (PCBs, Lead
Potential Description:	SOIL
Alias Name:	LA USD-VINE NEW PC
Alias Type:	Alternate Name
Alias Name:	LAUSD-VINE NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	VINE NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	304023
Alias Type:	Project Code (Site Code)
Alias Name:	304212
Alias Type:	Project Code (Site Code)
Alias Name:	19650022
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2000

VINE NEW PRIMARY CENTER (Continued) **S105628533**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/06/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/20/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19650022
Status: Inactive - Action Required
Status Date: 03/20/2003
Site Code: 304212
Site Type: School Investigation
Site Type Detailed: School
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: * UNKNOWN
Potential COC: Lead Polychlorinated biphenyls (PCBs
Confirmed COC: Polychlorinated biphenyls (PCBs Lead
Potential Description: SOIL

VINE NEW PRIMARY CENTER (Continued) **S105628533**

Alias Name:	LA USD-VINE NEW PC
Alias Type:	Alternate Name
Alias Name:	LAUSD-VINE NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	VINE NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	304023
Alias Type:	Project Code (Site Code)
Alias Name:	304212
Alias Type:	Project Code (Site Code)
Alias Name:	19650022
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	10/06/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/20/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AK206
NNE
1/2-1
0.969 mi.
5118 ft.

EAST VALLEY MIDDLE SCHOOL NO. 1
LAUREL CANYON BOULEVARD/HAMLIN STREET
LOS ANGELES, CA 91606

Site 3 of 13 in cluster AK

SCH
ENVIROSTOR

S107736257
N/A

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19750089
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304332
Assembly:	53
Senate:	20
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/26/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.18849
Longitude:	-118.3964
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Chrysene, Chrysene, Dibenz[ah]anthracene, * phenanthrene, Anthracene, Benzo[k]fluoranthene, Fluoranthene, Indeno[1,2,3-cd]pyrene, * benzo (ghi) perylene, Benzo[b]fluoranthene, Benzo[a]pyrene, Pyrene, Benz[a]anthracene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	EAST VALLEY MIDDLE SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	EAST VALLEY MIDDLE SCHOOL #1 (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	LAUSD-E VALLEY MS # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033606220
Alias Type:	EPA (FRS #)
Alias Name:	304332
Alias Type:	Project Code (Site Code)
Alias Name:	19750089
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	01/15/2004
Comments:	Not reported

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Completed Date: 12/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/30/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19750089
Status: Certified
Status Date: 01/26/2004
Site Code: 304332
Site Type: School Cleanup
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 20
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.18849
Longitude: -118.3964
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: Chrysene Dibenz[ah]anthracene * phenanthrene Anthracene Benzo[k]fluoranthene Fluoranthene Indeno[1,2,3-cd]pyrene * benzo (ghi) perylene Benzo[b]fluoranthene Benzo[a]pyrene Pyrene Benz[a]anthracene
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: EAST VALLEY MIDDLE SCHOOL #1
Alias Type: Alternate Name
Alias Name: EAST VALLEY MIDDLE SCHOOL #1 (PROPOSED)
Alias Type: Alternate Name
Alias Name: LAUSD-E VALLEY MS # 1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Alias Name: 110033606220
Alias Type: EPA (FRS #)
Alias Name: 304332
Alias Type: Project Code (Site Code)
Alias Name: 19750089
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Completed Document Type:	Removal Action Workplan
Completed Date:	03/12/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	05/31/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	12/19/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	06/30/2003
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AK207
NNE
1/2-1
0.969 mi.
5118 ft.

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 **SCH** **S105628499**
BROADWAY/GRAND AVE/35TH & 37TH STREET **ENVIROSTOR** **N/A**
LOS ANGELES, CA 90007

Site 4 of 13 in cluster AK

Relative: Higher

Actual: 400 ft.

SCH:

Facility ID:	19390058
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304312
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	Certified
Status Date:	07/27/2006

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Restricted Use:	NO
Funding:	School District
Latitude:	34.01783
Longitude:	-118.2759
APN:	5122-029-003, 5122-029-004, 5122-029-011, 5122-033-001, 5122-033-009, 5122-033-015, 5122-033-017, 5122-034-011, 5122-034-012, 5122-034-013, 5122-034-014, 5122-034-015, 5122-034-016, 5122-034-017, 5122-034-018
Past Use:	MANUFACTURING - OTHER, NONE
Potential COC:	Lead, Lead, Arsenic, Lead
Confirmed COC:	Arsenic, Lead
Potential Description:	SOIL, SOIL
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA MS # 4
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5122-029-003
Alias Type:	APN
Alias Name:	5122-029-004
Alias Type:	APN
Alias Name:	5122-029-011
Alias Type:	APN
Alias Name:	5122-033-001
Alias Type:	APN
Alias Name:	5122-033-009
Alias Type:	APN
Alias Name:	5122-033-015
Alias Type:	APN
Alias Name:	5122-033-017
Alias Type:	APN
Alias Name:	5122-034-011
Alias Type:	APN
Alias Name:	5122-034-012
Alias Type:	APN
Alias Name:	5122-034-013
Alias Type:	APN
Alias Name:	5122-034-014
Alias Type:	APN
Alias Name:	5122-034-015
Alias Type:	APN
Alias Name:	5122-034-016
Alias Type:	APN
Alias Name:	5122-034-017
Alias Type:	APN
Alias Name:	5122-034-018
Alias Type:	APN
Alias Name:	110033619378
Alias Type:	EPA (FRS #)
Alias Name:	304312
Alias Type:	Project Code (Site Code)
Alias Name:	19390058
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Completed Date: 06/05/2006
Comments: No written or verbal comments received during 30-day public comment period. DTSC approves RAW for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/10/2006
Comments: FSI Report approved for further action, for arsenic and lead.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/05/2006
Comments: DTSC approves the RACR. 377.5 tons of arsenic and lead contaminated soil was excavated and transported offsite for disposal at Clean Harbors Environmental Services, Inc. in Buttonwillow, CA. Confirmation samples show all contamination has been removed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/22/2001
Comments: RP provided report for background information (see RP - Final).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/16/2007
Comments: CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/12/2006
Comments: Implementation of RAW began on 6/8/2006 and completed on 6/12/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/11/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site. Further Action for Lead and Asbestos only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/30/2002
Comments: DTSC approved the Supplemental Site Investigation and determined that remediation is required at the proposed school site. Lead and Asbestos only for older structures that may contain lead based paint.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/02/2003
Comments: Addendum for LBP. Approved SSI for NFA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/08/2006
Comments: DTSC provided comments to FSI TM on 1/27/2006. Revised FSI TM received on 2/2/2006. DTSC conditionally approved FSI TM.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/03/2005
Comments: Areas A & B sampled for potential fill material. No Further Action determination for Areas A & B only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/17/2006
Comments: DTSC concurs with Supplemental Site Investigation that further action is required for lead and arsenic.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #4 site.

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

ENVIROSTOR:

Facility ID:	19390058
Status:	Certified
Status Date:	07/27/2006
Site Code:	304312
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.01783
Longitude:	-118.2759
APN:	5122-029-003, 5122-029-004, 5122-029-011, 5122-033-001, 5122-033-009, 5122-033-015, 5122-033-017, 5122-034-011, 5122-034-012, 5122-034-013, 5122-034-014, 5122-034-015, 5122-034-016, 5122-034-017, 5122-034-018
Past Use:	MANUFACTURING - OTHER, NONE
Potential COC:	Lead Arsenic Lead
Confirmed COC:	Arsenic Lead
Potential Description:	SOIL, SOIL
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA MS # 4
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5122-029-003
Alias Type:	APN
Alias Name:	5122-029-004
Alias Type:	APN
Alias Name:	5122-029-011
Alias Type:	APN
Alias Name:	5122-033-001
Alias Type:	APN
Alias Name:	5122-033-009
Alias Type:	APN
Alias Name:	5122-033-015
Alias Type:	APN

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Alias Name:	5122-033-017
Alias Type:	APN
Alias Name:	5122-034-011
Alias Type:	APN
Alias Name:	5122-034-012
Alias Type:	APN
Alias Name:	5122-034-013
Alias Type:	APN
Alias Name:	5122-034-014
Alias Type:	APN
Alias Name:	5122-034-015
Alias Type:	APN
Alias Name:	5122-034-016
Alias Type:	APN
Alias Name:	5122-034-017
Alias Type:	APN
Alias Name:	5122-034-018
Alias Type:	APN
Alias Name:	110033619378
Alias Type:	EPA (FRS #)
Alias Name:	304312
Alias Type:	Project Code (Site Code)
Alias Name:	19390058
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	06/05/2006
Comments:	No written or verbal comments received during 30-day public comment period. DTSC approves RAW for implementation.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/10/2006
Comments:	FSI Report approved for further action, for arsenic and lead.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	07/05/2006
Comments:	DTSC approves the RACR. 377.5 tons of arsenic and lead contaminated soil was excavated and transported offsite for disposal at Clean Harbors Environmental Services, Inc. in Buttonwillow, CA. Confirmation samples show all contamination has been removed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	06/22/2001
Comments:	RP provided report for background information (see RP - Final).

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	07/27/2006

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/16/2007
Comments: CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/12/2006
Comments: Implementation of RAW began on 6/8/2006 and completed on 6/12/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/11/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site. Further Action for Lead and Asbestos only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/30/2002
Comments: DTSC approved the Supplemental Site Investigation and determined that remediation is required at the proposed school site. Lead and Asbestos only for older structures that may contain lead based paint.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/02/2003
Comments: Addendum for LBP. Approved SSI for NFA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Completed Date:	02/08/2006
Comments:	DTSC provided comments to FSI TM on 1/27/2006. Revised FSI TM received on 2/2/2006. DTSC conditionally approved FSI TM.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	11/03/2005
Comments:	Areas A & B sampled for potential fill material. No Further Action determination for Areas A & B only.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/17/2006
Comments:	DTSC concurs with Supplemental Site Investigation that further action is required for lead and arsenic.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #4 site.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AK208 **JEFFERSON NEW ELEMENTARY SCHOOL NO. 7** **SCH** **S107736506**
NNE **WADWORTH AVENUE/52ND PLACE** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90011**
0.969 mi.
5118 ft. **Site 5 of 13 in cluster AK**

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19880016
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.85
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

Site Code:	304288
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	Certified
Status Date:	12/13/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.99489
Longitude:	-118.2589
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	JEFFERSON NEW ELEMENTARY SCHOOL NO. 7
Alias Type:	Alternate Name
Alias Name:	LAUSD-JEFFERSON NEW ES # 7
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033606685
Alias Type:	EPA (FRS #)
Alias Name:	304288
Alias Type:	Project Code (Site Code)
Alias Name:	19880016
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	12/09/2003
Comments:	DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/17/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	10/08/2003
Comments:	CEQA approved for the Removal Action. Notice of Exemption filed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

(PEA) for the proposed Jefferson New Elementary School No. 27 site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/15/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/17/2003
Comments: DTSC approved the Supplemental Site Investigation (SSI) and determined neither an actual or a potential release of hazardous material, nor the presence of naturally occurring hazardous material indicated at the site pose a threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the SSI. Cert site, Cert RA-RAC apprvd.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/14/2003
Comments: RAW approved, no public comment period due to small volume and low interest.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/09/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

ENVIROSTOR:

Facility ID:	19880016
Status:	Certified
Status Date:	12/13/2003
Site Code:	304288
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	2.85
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.99489
Longitude:	-118.2589
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	JEFFERSON NEW ELEMENTARY SCHOOL NO. 7
Alias Type:	Alternate Name
Alias Name:	LAUSD-JEFFERSON NEW ES # 7
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033606685
Alias Type:	EPA (FRS #)
Alias Name:	304288
Alias Type:	Project Code (Site Code)
Alias Name:	19880016
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	12/09/2003
Comments:	DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/17/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/08/2003
Comments: CEQA approved for the Removal Action. Notice of Exemption filed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Jefferson New Elementary School No. 27 site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/15/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/17/2003
Comments: DTSC approved the Supplemental Site Investigation (SSI) and determined neither an actual or a potential release of hazardous material, nor the presence of naturally occurring hazardous material indicated at the site pose a threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the SSI. Cert site, Cert RA-RAC apprvd.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/14/2003
Comments: RAW approved, no public comment period due to small volume and low interest.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/09/2002

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AK209
NNE
1/2-1
0.969 mi.
5118 ft.

WEEMES ELEMENTARY SCHOOL PLAYGROUND **SCH S105628620**
1201-1203, 1205, 1207, 1215 WEST 37TH STREET **ENVIROSTOR N/A**
LOS ANGELES, CA 90007

Site 6 of 13 in cluster AK

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19880015
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	.64
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304338
Assembly:	53
Senate:	26
Special Program Status:	Not reported
Status:	Certified
Status Date:	11/12/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.02138
Longitude:	-118.2963
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Chlordane, Chlordane, Dieldrin, DDD, DDT, Lead, DDE
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	LAUSD-WEEMES ELEM SCHOOL PLAYGROUND EXP
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	WEEMES ELEMENTARY SCHOOL PLAYGROUND
Alias Type:	Alternate Name
Alias Name:	110033614453
Alias Type:	EPA (FRS #)
Alias Name:	304338
Alias Type:	Project Code (Site Code)
Alias Name:	19880015

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 03/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 02/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/28/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/02/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/31/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19880015
Status: Certified
Status Date: 11/12/2003
Site Code: 304338
Site Type: School Cleanup
Site Type Detailed: School
Acres: .64
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 26
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.02138
Longitude: -118.2963
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Potential COC: Chlordane Dieldrin DDD DDT Lead DDE
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: LAUSD-WEEMES ELEM SCHOOL PLAYGROUND EXP
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: WEEMES ELEMENTARY SCHOOL PLAYGROUND
Alias Type: Alternate Name
Alias Name: 110033614453
Alias Type: EPA (FRS #)
Alias Name: 304338
Alias Type: Project Code (Site Code)
Alias Name: 19880015
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 03/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 02/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/28/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/23/2003
Comments: Not reported

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/02/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/31/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AK210 **FREMONT NEW PRIMARY CENTER NO. 2** **SCH** **S105628627**
NNE **MENLO AVENUE/BARING CROSS STREET** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90044**
0.969 mi.
5118 ft. **Site 7 of 13 in cluster AK**

Relative: Higher

Actual: 400 ft.

SCH:

Facility ID: 19880023
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED

FREMONT NEW PRIMARY CENTER NO. 2 (Continued) **S105628627**

Acres:	2
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304298
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/10/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Chromium VI, Chromium VI, Nickel
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	FREMONT NEW PRIMARY CENTER #2
Alias Type:	Alternate Name
Alias Name:	FREMONT NEW PRIMARY CENTER #2 (PROP)
Alias Type:	Alternate Name
Alias Name:	FREMONT NEW PRIMARY CENTER NO. 2
Alias Type:	Alternate Name
Alias Name:	LAUSD-FREMONT NEW PC # 2
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304298
Alias Type:	Project Code (Site Code)
Alias Name:	19880023
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/10/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Public Participation
Completed Date:	01/31/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

FREMONT NEW PRIMARY CENTER NO. 2 (Continued) **S105628627**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/11/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19880023
Status: No Further Action
Status Date: 10/10/2003
Site Code: 304298
Site Type: School Investigation
Site Type Detailed: School
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Chromium VI Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: FREMONT NEW PRIMARY CENTER #2
Alias Type: Alternate Name
Alias Name: FREMONT NEW PRIMARY CENTER #2 (PROP)

FREMONT NEW PRIMARY CENTER NO. 2 (Continued) **S105628627**

Alias Type: Alternate Name
Alias Name: FREMONT NEW PRIMARY CENTER NO. 2
Alias Type: Alternate Name
Alias Name: LAUSD-FREMONT NEW PC # 2
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304298
Alias Type: Project Code (Site Code)
Alias Name: 19880023
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 01/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/11/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AK211 **BELMONT NEW PRIMARY CENTER NO. 12** **SCH** **S107735904**
NNE **LAKE STREET/ROSELAKE AVENUE** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90026**
0.969 mi.
5118 ft. **Site 8 of 13 in cluster AK**

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19880022
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304310
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/10/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Asbestos Containing Materials (ACM, Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	BELMONT NEW PRIMARY CENTER #12
Alias Type:	Alternate Name
Alias Name:	BELOMOT NEW PRIMARY CENTER #12
Alias Type:	Alternate Name
Alias Name:	BELOMOT NEW PRIMARY CENTER NO. 12
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT PC # 12
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304310
Alias Type:	Project Code (Site Code)
Alias Name:	19880022
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.14 Request
Completed Date: 08/05/2003
Comments: 4.14 request received post PEA and pre-SSI.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19880022
Status: No Further Action
Status Date: 10/10/2003
Site Code: 304310
Site Type: School Investigation
Site Type Detailed: School
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Asbestos Containing Materials (ACM Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BELMONT NEW PRIMARY CENTER #12
Alias Type: Alternate Name
Alias Name: BELOMOT NEW PRIMARY CENTER #12
Alias Type: Alternate Name
Alias Name: BELOMOT NEW PRIMARY CENTER NO. 12
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT PC # 12
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304310
Alias Type: Project Code (Site Code)
Alias Name: 19880022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.14 Request
Completed Date: 08/05/2003
Comments: 4.14 request received post PEA and pre-SSI.

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AK212 **EAST LOS ANGELES HIGH SCHOOL NO. 1** **SCH** **S107736248**
NNE **BELVEDERE PARK/CESAR CHAVEZ AVE/MEDNIK AVE/1ST ST** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90022**
0.969 mi.
5118 ft. **Site 9 of 13 in cluster AK**

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19820069
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	16.35
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304320
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	03/17/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.04039
Longitude:	-118.1606
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Pyrene, Pyrene, * phenanthrene, * benzo (ghi) perylene, Lead, DDE, Anthracene, Copper and compounds, Thallium and compounds, Benzene, Mercury (elemental, Toluene, Xylenes, Dichlorodifluoromethane, Ethylbenzene, Zinc, Molybdenum, Beryllium and compounds, Dieldrin, Chlordane, Fluoranthene
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	EAST LOS ANGELES HIGH SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	LAUSD-EAST LA HS # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033618681
Alias Type:	EPA (FRS #)
Alias Name:	304320

EAST LOS ANGELES HIGH SCHOOL NO. 1 (Continued) **S107736248**

Alias Type: Project Code (Site Code)
Alias Name: 19820069
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/17/2003
Comments: LAUSD has indicated that there will be no more investigation at this time, while they look for another site location.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/21/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19820069
Status: Inactive - Needs Evaluation
Status Date: 03/17/2003
Site Code: 304320
Site Type: School Cleanup
Site Type Detailed: School
Acres: 16.35
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.04039
Longitude: -118.1606
APN: NONE SPECIFIED

EAST LOS ANGELES HIGH SCHOOL NO. 1 (Continued) **S107736248**

Past Use: * EDUCATIONAL SERVICES
Potential COC: Pyrene * phenanthrene * benzo (ghi) perylene Lead DDE Anthracene Copper and compounds Thallium and compounds Benzene Mercury (elemental Toluene Xylenes Dichlorodifluoromethane Ethylbenzene Zinc Molybdenum Beryllium and compounds Dieldrin Chlordane Fluoranthene
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: EAST LOS ANGELES HIGH SCHOOL #1
Alias Type: Alternate Name
Alias Name: LAUSD-EAST LA HS # 1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033618681
Alias Type: EPA (FRS #)
Alias Name: 304320
Alias Type: Project Code (Site Code)
Alias Name: 19820069
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/17/2003
Comments: LAUSD has indicated that there will be no more investigation at this time, while they look for another site location.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/21/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AK213 **WILSON NEW ELEMENTARY SCHOOL NO. 1** **SCH** **S105628636**
NNE **HUNTINGTON DR/LIFUR AVENUE/OAKLAND STREET** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90032**
0.969 mi.
5118 ft. **Site 10 of 13 in cluster AK**

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19880033
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	4.76
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304315
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/16/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Benzene, Benzene, TPH-diesel
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SURFW
Alias Name:	LAUSD-WILSON NEW ES # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	WILSON NEW ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	WILSON NEW ELEMENTARY SCHOOL #1 (PROP)
Alias Type:	Alternate Name
Alias Name:	WILSON NEW ELEMENTARY SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	304315
Alias Type:	Project Code (Site Code)
Alias Name:	19880033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/16/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement

WILSON NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628636**

Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/14/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19880033
Status: No Further Action
Status Date: 10/16/2003
Site Code: 304315
Site Type: School Investigation
Site Type Detailed: School
Acres: 4.76
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District

WILSON NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628636**

Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Benzene TPH-diesel
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SURFW
Alias Name: LAUSD-WILSON NEW ES # 1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: WILSON NEW ELEMENTARY SCHOOL #1
Alias Type: Alternate Name
Alias Name: WILSON NEW ELEMENTARY SCHOOL #1 (PROP)
Alias Type: Alternate Name
Alias Name: WILSON NEW ELEMENTARY SCHOOL NO. 1
Alias Type: Alternate Name
Alias Name: 304315
Alias Type: Project Code (Site Code)
Alias Name: 19880033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/14/2003
Comments: Not reported

WILSON NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628636**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AK214 **MARSHALL NEW PRIMARY CENTER NO. 1** **SCH** **S112057176**
NNE **LEXINGTON AVE/WESTMORELAND AVE/LYMAN PLACE** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90029**
0.969 mi.
5118 ft. **Site 11 of 13 in cluster AK**

Relative: Higher

Actual: 400 ft.

SCH:

Facility ID:	19650016
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.05
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304294
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	01/29/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	LAUSD-MARSHAL NEW PC#1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MARSHALL NEW PRIMARY CENTER #1
Alias Type:	Alternate Name
Alias Name:	304294
Alias Type:	Project Code (Site Code)
Alias Name:	19650016
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

MARSHALL NEW PRIMARY CENTER NO. 1 (Continued) **S112057176**

Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/18/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19650016
Status: No Further Action
Status Date: 01/29/2003
Site Code: 304294
Site Type: School Investigation
Site Type Detailed: School
Acres: 2.05
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO

MARSHALL NEW PRIMARY CENTER NO. 1 (Continued) **S112057176**

Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: LAUSD-MARSHAL NEW PC#1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: MARSHALL NEW PRIMARY CENTER #1
Alias Type: Alternate Name
Alias Name: 304294
Alias Type: Project Code (Site Code)
Alias Name: 19650016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/18/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

MARSHALL NEW PRIMARY CENTER NO. 1 (Continued) **S112057176**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AK215 **SANTA MONICA NEW PRIMARY CENTER** **SCH** **S105628638**
NNE **SANTA MONICA BLVD/GORDON ST/LEXINGTON AVE** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90038**
0.969 mi.
5118 ft. **Site 12 of 13 in cluster AK**

Relative: Higher

Actual: 400 ft.

SCH:

Facility ID:	19880035
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.83
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304317
Assembly:	53
Senate:	22
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	04/15/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead, Formaldehyde
Confirmed COC:	30295-NO, 30013-NO
Potential Description:	SOIL
Alias Name:	LAUSD-SANTA MONICA NEW PC
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SANTA MONICA NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	304317
Alias Type:	Project Code (Site Code)
Alias Name:	19880035
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	03/23/2012
Comments:	2nd Collection Letter sent for Inv. 03SM1854.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

SANTA MONICA NEW PRIMARY CENTER (Continued) **S105628638**

Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: First Collection Letter 03SM1854

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/13/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19880035
Status: No Further Action
Status Date: 04/15/2004
Site Code: 304317
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.83
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Yolanda Garza

SANTA MONICA NEW PRIMARY CENTER (Continued) **S105628638**

Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead Formaldehyde
Confirmed COC: 30295-NO 30013-NO
Potential Description: SOIL
Alias Name: LAUSD-SANTA MONICA NEW PC
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTA MONICA NEW PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: 304317
Alias Type: Project Code (Site Code)
Alias Name: 19880035
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/23/2012
Comments: 2nd Collection Letter sent for Inv. 03SM1854.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: First Collection Letter 03SM1854

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SANTA MONICA NEW PRIMARY CENTER (Continued) **S105628638**

Completed Document Type:	Phase 1
Completed Date:	07/11/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	01/13/2004
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AK216 **EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B** **SCH** **S106387259**
NNE **VINELAND AVENUE/CUMPSTON STREET** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 91601**
0.969 mi.
5118 ft. **Site 13 of 13 in cluster AK**

Relative:
Higher

Actual:
400 ft.

SCH:

Facility ID:	19000011
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	6.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Ivy Osornio
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304295
Assembly:	53
Senate:	20
Special Program Status:	Not reported
Status:	Certified
Status Date:	09/24/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.16868
Longitude:	-118.3704
APN:	2350-013-901, 2350-013-902
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL, SV
Alias Name:	EAST VALLEY AREA NEW HIGH SCHOOL #1B
Alias Type:	Alternate Name
Alias Name:	East Valley HS

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Alias Type: Alternate Name
Alias Name: LAUSD-EAST VALLEY NEW HS #1B
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 2350-013-901
Alias Type: APN
Alias Name: 2350-013-902
Alias Type: APN
Alias Name: 110033606211
Alias Type: EPA (FRS #)
Alias Name: 304295
Alias Type: Project Code (Site Code)
Alias Name: 19000011
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/18/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/10/2007
Comments: DTSC filed Notice of Exemption Pursuant to California Environmental Quality Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/10/2008
Comments: DTSC prepared Cost Recovery Unit close out Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/10/2008
Comments: DTSC certified the EVHS 1B project

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/21/2001

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 01/10/2007
Comments: DTSC concurred with the sampling plan proposed in the SSI TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/15/2007
Comments: FA required for lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/10/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/13/2007
Comments: Fact sheet approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/11/2008
Comments: DTSC determined that No Further Action is necessary based on the Removal Action Completion Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2008
Comments: DTSC approved the construction response report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/25/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/22/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19000011
Status: Certified
Status Date: 09/24/2008
Site Code: 304295
Site Type: School Cleanup
Site Type Detailed: School
Acres: 6.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Ivy Osornio
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 20
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.16868
Longitude: -118.3704
APN: 2350-013-901, 2350-013-902
Past Use: VEHICLE MAINTENANCE
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL, SV
Alias Name: EAST VALLEY AREA NEW HIGH SCHOOL #1B
Alias Type: Alternate Name
Alias Name: East Valley HS
Alias Type: Alternate Name
Alias Name: LAUSD-EAST VALLEY NEW HS #1B
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 2350-013-901
Alias Type: APN
Alias Name: 2350-013-902
Alias Type: APN
Alias Name: 110033606211
Alias Type: EPA (FRS #)
Alias Name: 304295
Alias Type: Project Code (Site Code)
Alias Name: 19000011
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/18/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/10/2007
Comments: DTSC filed Notice of Exemption Pursuant to California Environmental Quality Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/10/2008
Comments: DTSC prepared Cost Recovery Unit close out Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/10/2008
Comments: DTSC certified the EVHS 1B project

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 01/10/2007
Comments: DTSC concurred with the sampling plan proposed in the SSI TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/15/2007
Comments: FA required for lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/10/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Completed Document Type: Fact Sheets
Completed Date: 06/13/2007
Comments: Fact sheet approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/11/2008
Comments: DTSC determined that No Further Action is necessary based on the Removal Action Completion Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2008
Comments: DTSC approved the construction response report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/25/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/22/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S114458558	BUSINESS SERVICE CENTER GARAGE	604 15TH ST E	90015	LUST
LOS ANGELES	S110493956	JEWELRY DESIGN CENTER	404 W. 7TH STREET #221	90014	ENVIROSTOR
LOS ANGELES	S107537504		ALLEY WAY AT 9501 HICKORY ST		CDL
LOS ANGELES	S107537501		ALLEY BEHIND 9217 LAUREL ST		CDL
LOS ANGELES	S114458556	WEST LAWN-LA CENTRAL LIBRARY	524 FLOWER ST S	90071	LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/03/2014
Date Data Arrived at EDR: 12/12/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/16/2015
Date Data Arrived at EDR: 02/17/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/17/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/03/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 32

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2014
Date Data Arrived at EDR: 12/22/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 38
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/24/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 04/04/2015
Date Data Arrived at EDR: 04/07/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 6
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 69

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/20/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 03/12/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 10
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/26/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/18/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: N/A

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 25

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 11

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/16/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/17/2015
Date Data Arrived at EDR: 04/21/2015
Date Made Active in Reports: 05/07/2015
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 7

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/24/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 02/10/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 19

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 7

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/20/2015
Date Data Arrived at EDR: 04/20/2015
Date Made Active in Reports: 05/07/2015
Number of Days to Update: 17

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/20/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/14/2015
Date Data Arrived at EDR: 04/23/2015
Date Made Active in Reports: 05/11/2015
Number of Days to Update: 18

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/20/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/06/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 4

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/19/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/12/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 33

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/02/2015
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/24/2015
Date Data Arrived at EDR: 03/25/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 6
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/16/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 7
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 8

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/31/2014
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 5
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 8
Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11
Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/03/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 24
Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 01/27/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 32

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

11TH & MAIN PORTFOLIO
1100-1132 SOUTH MAIN STREET, 106-112 EAST 11TH ST
LOS ANGELES, CA 90015

TARGET PROPERTY COORDINATES

Latitude (North):	34.0384 - 34° 2' 18.24''
Longitude (West):	118.2583 - 118° 15' 29.88''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	383844.9
UTM Y (Meters):	3766933.2
Elevation:	241 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34118-A3 HOLLYWOOD, CA
Most Recent Revision:	1994
East Map:	34118-A2 LOS ANGELES, CA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

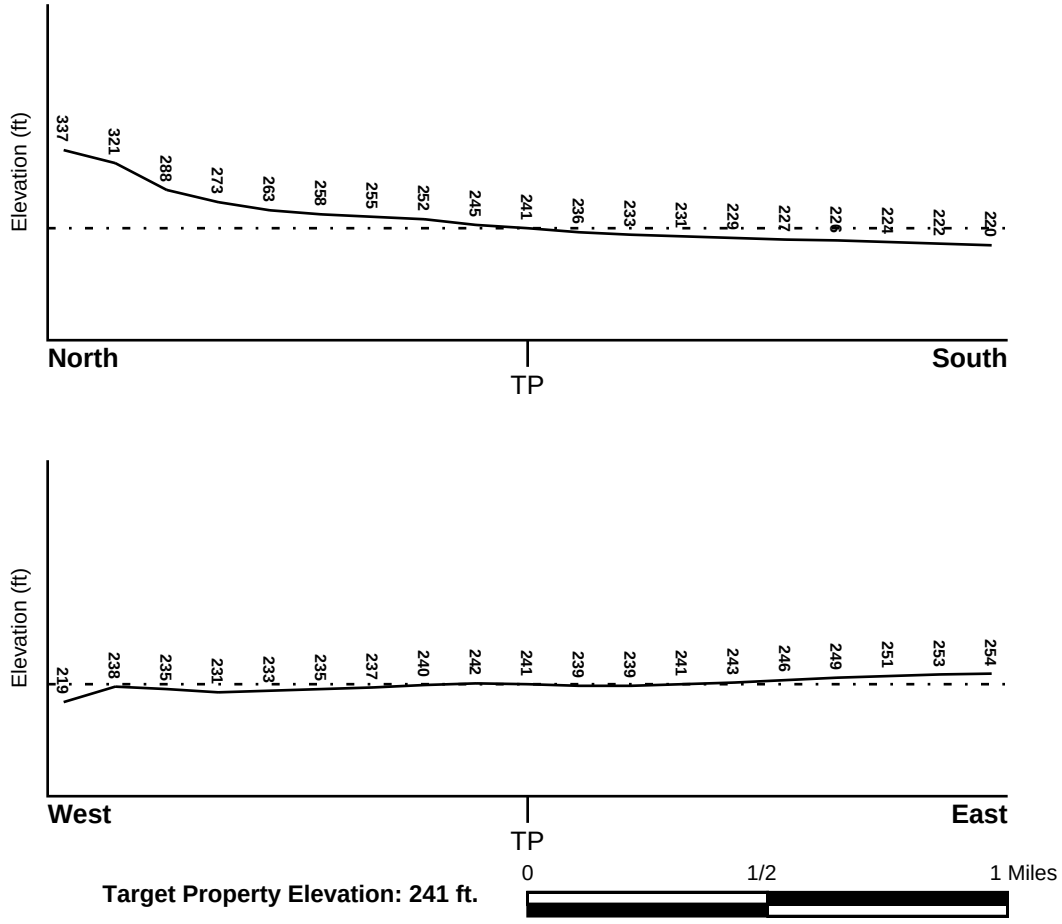
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 241 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06037C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile NE
Site Name:	SO CALIF RAPID TRANSIT DISTRICT
Site EPA ID Number:	CAD981989841
Groundwater Flow Direction:	GENERALLY SE.
Measured Depth to Water:	approximately 37 feet.
Hydraulic Connection:	The uppermost aquifer at the site is the Gaspur aquifer. The Gaspur aquifer is hydraulically connected to underlying aquifers.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A3	1/2 - 1 Mile SE	Not Reported
A4	1/2 - 1 Mile SE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000139899	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	CA3301863	1/2 - 1 Mile NNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

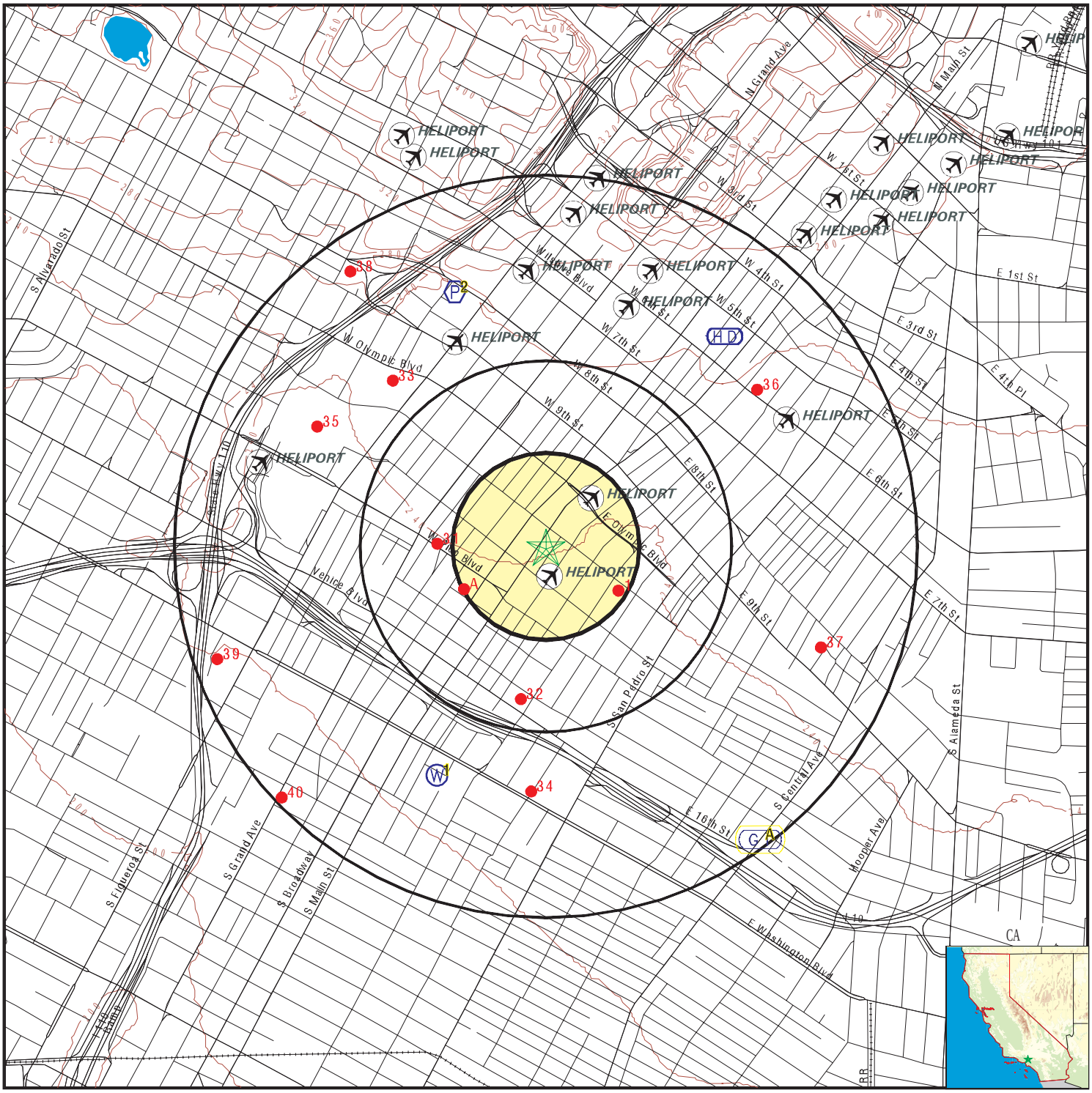
MAP ID	WELL ID	LOCATION FROM TP
1	CAOG9A000031525	1/8 - 1/4 Mile ESE
A2	CAOG9A000031518	1/8 - 1/4 Mile WSW
A3	CAOG9A000031521	1/8 - 1/4 Mile WSW
A4	CAOG9A000031523	1/8 - 1/4 Mile WSW
A5	CAOG9A000031520	1/8 - 1/4 Mile WSW
A6	CAOG9A000031526	1/8 - 1/4 Mile WSW
A7	CAOG9A000031522	1/8 - 1/4 Mile WSW
A8	CAOG9A000031527	1/8 - 1/4 Mile WSW
A9	CAOG9A000031524	1/8 - 1/4 Mile WSW
A10	CAOG9A000031529	1/8 - 1/4 Mile WSW
A11	CAOG9A000031531	1/8 - 1/4 Mile WSW
A12	CAOG9A000031528	1/8 - 1/4 Mile WSW
A13	CAOG9A000031532	1/8 - 1/4 Mile WSW
A14	CAOG9A000031530	1/8 - 1/4 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A15	CAOG9A000031533	1/8 - 1/4 Mile WSW
A16	CAOG9A000031535	1/8 - 1/4 Mile WSW
A17	CAOG9A000031537	1/8 - 1/4 Mile WSW
A18	CAOG9A000031534	1/8 - 1/4 Mile WSW
A19	CAOG9A000031540	1/8 - 1/4 Mile WSW
A20	CAOG9A000031536	1/4 - 1/2 Mile WSW
A21	CAOG9A000031538	1/4 - 1/2 Mile WSW
A22	CAOG9A000031539	1/4 - 1/2 Mile WSW
A23	CAOG9A000031543	1/4 - 1/2 Mile WSW
A24	CAOG9A000031545	1/4 - 1/2 Mile WSW
A25	CAOG9A000031541	1/4 - 1/2 Mile WSW
A26	CAOG9A000031542	1/4 - 1/2 Mile WSW
A27	CAOG9A000031547	1/4 - 1/2 Mile WSW
A28	CAOG9A000031544	1/4 - 1/2 Mile WSW
A29	CAOG9A000031548	1/4 - 1/2 Mile WSW
A30	CAOG9A000031546	1/4 - 1/2 Mile WSW
31	CAOG9A000031558	1/4 - 1/2 Mile West
32	CAOG9A000031418	1/4 - 1/2 Mile South
33	CAOG9A000031622	1/2 - 1 Mile NW
34	CAOG9A000031173	1/2 - 1 Mile South
35	CAOG9A000031615	1/2 - 1 Mile WNW
36	CAOG9A000031620	1/2 - 1 Mile NE
37	CAOG9A000031495	1/2 - 1 Mile ESE
38	CAOG9A000031679	1/2 - 1 Mile NW
39	CAOG9A000031483	1/2 - 1 Mile WSW
40	CAOG9A000031156	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 4293113.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	11th & Main Portfolio	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	1100-1132 South Main Street, 106-112 East 11th St Los Angeles CA 90015	CONTACT:	Brett Nielsen
LAT/LONG:	34.0384 / 118.2583	INQUIRY #:	4293113.2s
		DATE:	May 13, 2015 2:41 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139899**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340146118154501		
Monloc name:	002S013W05B001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0294573
Longitude:	-118.2634075	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	495
Welldepth units:	ft	Wellholedepth:	495
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

2
NNW
1/2 - 1 Mile
Higher

FRDS PWS **CA3301863**

Epa region:	09	State:	CA
Pwsid:	CA3301863		
Pwsname:	Trinity - Anza		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06065
Status:	Active	Pop srvd:	75
Pwssvcconn:	1	Source:	Groundwater
Pws type:	TNCWS	Owner:	Private
Contact:	JEFF KANAVAS		
Contactor gname:	Trinity - Anza		
Contact phone:	9098255588	Contact address1:	PO BOX 848
Contact address2:	Not Reported	Contact city:	COLTON
Contact state:	CA	Contact zip:	92324
Activity code:	A		

Facid:	3		
Facname:	TREATMENT PLANT		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	disinfection	Treatment process:	hypochlorination, post

Treatment obj:	manganese removal	Treatment process:	sequestration
Facid:	CA3301863003		
Facname:	TREATMENT PLANT		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	disinfection	Treatment process:	hypochlorination, post
Treatment obj:	manganese removal	Treatment process:	sequestration
Location Information:			
Name:	TRINITY - ANZA --OOB		
Pwstypcd:	TNCWS	Primsrccd:	GW
Popserved:	75		
Add1:	PO BOX 848		
Add2:	Not Reported		
City:	COLTON	State:	CA
Zip:	92324	Phone:	9098255588
Cityserv:	Not Reported	Cntyserv:	Riverside
Stateserv:	CA	Zipserv:	Not Reported
Enforcement Information:			
Violation id:	0500002	Orig cd:	S
Enf fy:	2005	Enf act date:	07/01/2005
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal
Enforcement Information:			
Violation id:	0500001	Orig cd:	S
Enf fy:	2005	Enf act date:	12/06/2004
Enf act detail:	St Formal NOV issued	Enf act cat:	Informal
Violations Information:			
Violoation id:	0500002	Orig cd:	S
State:	CA	Viol fy:	2004
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	26		
Viol name:	Monitoring, Repeat Minor (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	10/01/2004
Cmpedt:	10/31/2004		
Violations Information:			
Violoation id:	0500001	Orig cd:	S
State:	CA	Viol fy:	2004
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	26		
Viol name:	Monitoring, Repeat Minor (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	10/01/2004
Cmpedt:	10/31/2004		

Violations Information:

Violoation id:	0000002	Orig cd:	S
State:	CA	Viol fy:	2001
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	24		
Viol name:	Monitoring, Routine Minor (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	04/01/2001
Cmpedt:	04/30/2001		

Violations Information:

Violoation id:	0000001	Orig cd:	S
State:	CA	Viol fy:	2001
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	24		
Viol name:	Monitoring, Routine Minor (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	04/01/2001
Cmpedt:	04/30/2001		

PWS ID: CA3301863
Date Initiated: 7706 Date Deactivated: Not Reported
PWS Name: LABORER'S TRAINING FACILITY
LABORER'S TRAINING FACILITY
TRIPP FLATS RD
ANZA, CA 92306

Addressee / Facility: System Owner/Responsible Party
LABORER'S TRAINING FACILITY
8383 WILSHIRE BOULEVARD
LOS ANGELES, CA 90017

Facility Latitude: 34 02 54 Facility Longitude: 118 15 42
City Served: Not Reported
Treatment Class: Untreated Population: 00000025

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	CA3301863
Pwsname:	TRINITY - ANZA		
Retpopsrvd:	75	Pwstypecod:	NTNC
Vioid:	0000001	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Complperbe:	4/1/2001 0:00:00		
Complperen:	4/30/2001 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	CA3301863
Pwsname:	TRINITY - ANZA		
Retpopsrvd:	75	Pwstypecod:	NTNC
Vioid:	0500002	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Repeat Minor (TCR)		
Complperbe:	10/1/2004 0:00:00		
Complperen:	10/31/2004 0:00:00	Enfdate:	7/1/2005 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

System Name:	TRINITY - ANZA		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2001 0:00:00 - 4/30/2001 0:00:00		
Violation ID:	0000002		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported

System Name:	TRINITY - ANZA		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2001 0:00:00 - 4/30/2001 0:00:00		
Violation ID:	0000002		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00

System Name:	TRINITY - ANZA		
Violation Type:	Monitoring, Repeat Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2004 0:00:00 - 10/31/2004 0:00:00		
Violation ID:	0500001		
Enforcement Date:	12/6/2004 0:00:00	Enf. Action:	State Formal NOV Issued

System Name:	TRINITY - ANZA		
Violation Type:	Monitoring, Repeat Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/04 - 10/31/04		
Violation ID:	0500002		
Enforcement Date:	07/01/05	Enf. Action:	State Formal NOV Issued

CONTACT INFORMATION:

Name:	TRINITY - ANZA	Population:	75
Contact:	JEFF KANAVAS	Phone:	Not Reported
Address:	PO BOX 848		
Address 2:	COLTON		
	CA, 92 90982		

A3
SE
1/2 - 1 Mile
Lower

Site ID:	900570061
Groundwater Flow:	Not Reported
Shallow Water Depth:	8.37
Deep Water Depth:	12
Average Water Depth:	Not Reported
Date:	08/07/1996

AQUIFLOW **55210**

A4
SE
1/2 - 1 Mile
Lower

Site ID:	900570061
Groundwater Flow:	Not Reported
Shallow Water Depth:	8.37
Deep Water Depth:	12
Average Water Depth:	Not Reported
Date:	08/07/1996

AQUIFLOW **55184**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ESE
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031525**

Districtnu:	1	Apinumber:	03705691
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	33		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.036672		
Glong:	-118.254897		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wall Corehole	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031525

A2
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031518**

Districtnu:	1	Apinumber:	03700459
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	238.569
Locationde:	Not Reported		
Glat:	34.036637		
Glong:	-118.261967		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031518

A3
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031521**

Districtnu:	1	Apinumber:	03711867
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	236.058
Locationde:	Not Reported		
Glat:	34.036649		
Glong:	-118.261991		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031521

A4
WSW **OIL_GAS** **CAOG9A000031523**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03711874
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	243.777
Locationde:	Not Reported		
Glat:	34.036659		
Glong:	-118.26201		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031523

A5
WSW **OIL_GAS** **CAOG9A000031520**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03700465
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	238.651
Locationde:	Not Reported		
Glat:	34.036645		
Glong:	-118.262006		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031520

A6
WSW **OIL_GAS** **CAOG9A000031526**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03711871
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	237.014
Locationde:	Not Reported		
Glat:	34.036673		
Glong:	-118.262029		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031526

A7
WSW **OIL_GAS** **CAOG9A000031522**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03706352
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	242.152
Locationde:	Not Reported		
Glat:	34.036654		
Glong:	-118.262024		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031522

A8
WSW **OIL_GAS** **CAOG9A000031527**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03700461
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	237.355
Locationde:	Not Reported		
Glat:	34.036681		
Glong:	-118.262047		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Spring	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031527

A9
WSW **OIL_GAS** **CAOG9A000031524**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03700467
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	236.758
Locationde:	Not Reported		
Glat:	34.036667		
Glong:	-118.262045		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice FW	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031524

A10
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031529**

Districtnu:	1	Apinumber:	03700466
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	238.063
Locationde:	Not Reported		
Glat:	34.036691		
Glong:	-118.262066		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031529

A11
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031531**

Districtnu:	1	Apinumber:	03711870
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	235.038
Locationde:	Not Reported		
Glat:	34.036704		
Glong:	-118.262091		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031531

A12
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031528**

Districtnu:	1	Apinumber:	03720923
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	236.252
Locationde:	Not Reported		
Glat:	34.036691		
Glong:	-118.262089		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031528

A13
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031532**

Districtnu:	1	Apinumber:	03711869
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	234.094
Locationde:	Not Reported		
Glat:	34.036717		
Glong:	-118.262107		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	ADG	Site id:	CAOG9A000031532

A14
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031530**

Districtnu:	1	Apinumber:	03720175
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	237.059
Locationde:	Not Reported		
Glat:	34.036697		
Glong:	-118.262102		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031530

A15
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031533**

Districtnu:	1	Apinumber:	03700460
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	236.747
Locationde:	Not Reported		
Glat:	34.036725		
Glong:	-118.262126		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000031533

A16
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031535**

Districtnu:	1	Apinumber:	03720909
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles City
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	234.939
Locationde:	Not Reported		
Glat:	34.036738		
Glong:	-118.262144		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	Spring	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031535

A17
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031537**

Districtnu:	1	Apinumber:	03711873
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	237.171
Locationde:	Not Reported		
Glat:	34.036747		
Glong:	-118.262163		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031537

A18
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031534**

Districtnu:	1	Apinumber:	03700458
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	236.568
Locationde:	Not Reported		
Glat:	34.036729		
Glong:	-118.262157		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031534

A19
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000031540**

Districtnu:	1	Apinumber:	03720204
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	234.898
Locationde:	Not Reported		
Glat:	34.036771		
Glong:	-118.262195		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	Albany	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031540

A20
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031536**

Districtnu:	1	Apinumber:	03700457
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	236.1
Locationde:	Not Reported		
Glat:	34.036743		
Glong:	-118.262182		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	ADG	Site id:	CAOG9A000031536

A21
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031538**

Districtnu:	1	Apinumber:	03700463
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	234.648
Locationde:	Not Reported		
Glat:	34.036756		
Glong:	-118.262203		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031538

A22
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031539**

Districtnu:	1	Apinumber:	03700462
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	233.655
Locationde:	Not Reported		
Glat:	34.036764		
Glong:	-118.26222		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031539

A23
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031543**

Districtnu:	1	Apinumber:	03711868
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	234.69
Locationde:	Not Reported		
Glat:	34.036792		
Glong:	-118.262239		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031543

A24
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031545**

Districtnu:	1	Apinumber:	03720039
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	234.798
Locationde:	Not Reported		
Glat:	34.036806		
Glong:	-118.262256		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031545

A25
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031541**

Districtnu:	1	Apinumber:	03700464
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	233.438
Locationde:	Not Reported		
Glat:	34.036774		
Glong:	-118.262241		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031541

A26
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031542**

Districtnu:	1	Apinumber:	03720077
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	232.825
Locationde:	Not Reported		
Glat:	34.036789		
Glong:	-118.26226		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031542

A27
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031547**

Districtnu:	1	Apinumber:	03720833
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	236.143
Locationde:	Not Reported		
Glat:	34.036817		
Glong:	-118.262277		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031547

A28
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031544**

Districtnu:	1	Apinumber:	03720118
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	233.268
Locationde:	Not Reported		
Glat:	34.036799		
Glong:	-118.262278		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031544

A29
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031548**

Districtnu:	1	Apinumber:	03711866
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	234.226
Locationde:	Not Reported		
Glat:	34.036826		
Glong:	-118.262295		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031548

A30
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031546**

Districtnu:	1	Apinumber:	03720144
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	St. James Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	233.909
Locationde:	Not Reported		
Glat:	34.036809		
Glong:	-118.262299		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000031546

31
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031558**

Districtnu:	1	Apinumber:	03711865
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.038505		
Glong:	-118.263395		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Broadway Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031558

32
South **OIL_GAS** **CAOG9A000031418**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03705692
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	5		
Township:	02S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.03243		
Glong:	-118.259472		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Venice Community Core Hole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031418

33
NW **OIL_GAS** **CAOG9A000031622**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03706334
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.04488		
Glong:	-118.265479		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Salvation Army Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031622

34
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031173**

Districtnu:	1	Apinumber:	03706344
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	5		
Township:	02S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.028824		
Glong:	-118.258987		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wall Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031173

35
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000031615**

Districtnu:	1	Apinumber:	03711872
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.043084		
Glong:	-118.269031		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Standard-Occidental Albany Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031615

36
NE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031620**

Districtnu:	1	Apinumber:	03720494
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	33		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.044523		
Glong:	-118.248386		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Greyhound Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031620

37
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031495**

Districtnu:	1	Apinumber:	03706324
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	33		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.034451		
Glong:	-118.245392		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kohler Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031495

38
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000031679**

Districtnu:	1	Apinumber:	03720793
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	29		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.049144		
Glong:	-118.267475		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	S.M.J. Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031679

39
WSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000031483**

Districtnu:	1	Apinumber:	03705184
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Atlantic Richfield Company		
Countyname:	Los Angeles	Fieldname:	Los Angeles Downtown
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.033995		
Glong:	-118.273724		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	West Adams Corehole	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031483

40
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000031156**

Districtnu:	1	Apinumber:	03705967
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Las Cienegas
Areaname:	Fourth Avenue		
Section:	5		
Township:	02S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.028586		
Glong:	-118.270698		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Garey Community	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031156

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS

PARTNER

Vivianne Bisson

Partner Associate

PARTNER Engineering and Science, Inc.

Education

B.S. University of California, San Diego General Biology with an emphasis on human biology
Substitute Teacher Training Program

Registrations

AHERA Asbestos Building Inspector (DOSH Approval #CA-015-05)
AHERA Asbestos Management Planner (DOSH Approval #CA-011-07)
AHERA Asbestos Contractor Supervisor (DOSH Approval #CA-011-03)

Summary of Professional Experience

Ms. Bisson has 10 years of experience in the environmental and industrial hygiene service industries. Since 2004, she has worked for a San Diego-based environmental consulting firm and has supported national environmental and engineering firms in conducting due diligence assessments. She has significant experience in due diligence assessments for a variety of property types and the needs and requirements of varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Ms. Bisson has performed Phase I Environmental Site Assessments, Environmental Transaction Screens, Asbestos Surveys, Lead-based Paint Surveys, Radon Studies, Mold Assessments, and Lead-in-water sampling and analysis.

Ms. Bisson's due diligence and consulting experience spans throughout the United States for a wide range of clients that include brokers, attorneys, banks real estate investors and developers, as well as foreclosed properties. This background and experience is applicable in dealing with the multi-faceted aspects of due diligence consulting as well as providing a sound knowledge of approaches to identifying, evaluating and solving environmental and engineering conditions as well as risks. Ms. Bisson has completed projects under multiple programs and guidelines including; ASTM, SBA, AHERA, CALOSHA (DOSH), SCAQMD, EPA & Environmental Health Care Agencies and client specific guidelines.

Ms. Bisson has performed Phase I Environmental Site Assessments, Asbestos Testing and Project Management duties on all types of commercial properties including but not limited to: mobile home parks, multi-family complexes, skilled nursing / assisted living facilities, low and high rise commercial buildings, retail properties, and industrial facilities. Assessments include pre-site preparation and research, analyzing photos from property inspection, quality report writing, and on going post-site research and investigation.

In Addition Ms. Bisson has a diverse science teaching background in educational science and enrichment programs utilizing social-curricula and activities that promote science learning, social development and group responsibility, Ms. Bisson provides a clear understanding of report writing that encompasses details and clear direction in terms the clients can understand.

Finally, Ms. Bisson's diversity across residential, industrial, municipal, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the West, Southwest, Pacific Northwest, Southeast, Northeast, Rocky Mountain regions of the United States.

Steve G. Kovach
Project Manager

Education
B.A. - Botany, Miami University (Ohio)
Minor - Conservation and the Environment

Summary of Professional Experience
Mr. Kovach has over thirteen years of experience in a broad range of environmental and engineering disciplines including: engineering and environmental due diligence services, industrial air, water, and wastewater permit compliance and monitoring, hazardous waste management and disposal, electrical utilities projects, environmental engineering projects, and wetland ecology research. Mr. Kovach has worked closely with regulatory agencies including the United States Environmental Protection Agency, California Department of Toxic Substance Control, California State Water Resources Control Board, California Integrated Waste Management Board, Bay Area Air Quality Management District, East Bay Municipal Utilities District, and the United States Department of Energy.

Specifically, Mr. Kovach has performed Phase I Environmental Site Assessments, Environmental Transaction Screens, Property Condition Assessments (PCAs), Regulatory Compliance Assessments, Asbestos sampling, Lead-based Paint sampling, Radon Studies, Lead-in-water sampling, permit compliance, hazardous waste storage and handling, air quality monitoring, and environmental emergency responses.

Finally, Mr. Kovach's diversity of experience with residential, industrial, municipal, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the San Francisco Bay Area and throughout the United States.

Jay Grenfell
National Client Manager

PARTNER Engineering and Science, Inc.

Education
B.A. in Environmental Science, University of California at Berkeley

Registrations
Registered Environmental Assessor, California, #07798 (program canceled in July 2012)
LEED Accredited Professional, United States Green Building Council

Summary of Professional Experience
Mr. Grenfell has over 14 years experience in the environmental consulting industry and has worked in various disciplines, including regulatory compliance, EH&S, asbestos abatement, air monitoring, Tier II reporting, Phase II ESAs, and environmental due diligence practices, including Phase I ESAs and PCAs. Mr. Grenfell's primary area of expertise is in the environmental due diligence field, where he has performed hundreds of Phase I ESAs and has managed thousands of due diligence projects.

Mr. Grenfell has conducted and managed Phase I ESAs on industrial, office, multi-family, government, retail, and hospitality properties. Most notably, Mr. Grenfell has managed multiple large multi-site due diligence portfolios for varied and demanding clients, including a 300-site portfolio of Class A high-rise office buildings. He has developed scopes of work, mentored field personnel, identified environmental risks, and regularly provides detailed reports within strict deadlines.

Mr. Grenfell is familiar with all aspects of due diligence property assessments and reporting standards, including Fannie Mae DUS, Freddie Mac, HUD, and is especially knowledgeable on EPA's All Appropriate Inquiry and ASTM E1527-05. In addition, he has worked with diverse client groups with unique client-specific scopes of work and reporting requirements.

A sample of Mr. Grenfell's project experience includes:

- Completed hundreds of Phase I ESAs on multi-family properties, commercial office buildings, shopping centers, gasoline stations, hotels, dry cleaners, auto repair shops, and industrial facilities, including a former blueprint and film manufacturing facility. Areas of concern included former chemical storage/transfer areas, areas of drainage/deteriorated piping, historical groundwater dispersion wells, and former underground storage tanks systems.
- Managed numerous multi-site portfolios, including a 300-site portfolio of Class A high-rise office buildings, at the time valued as the largest real estate transaction in history.
- Reviewed and evaluated hundreds of third-party Phase I, Phase II and Phase III reports
- Conducted eight Phase II Site Assessments at gasoline stations over a four-day period, coordinating and supervising the advancement of soil borings and collected soil and groundwater samples. Documented results in concise, well-written reports.

- Managed a compliance evaluation team at an 8,000 employee, 24-hour aircraft maintenance center, evaluating environmental regulatory compliance. Provided solutions and established protocols for ensuring compliance.
- Conducted 3rd-party reviews of over 150 gasoline stations, documenting previous report findings and providing a matrix listing issues and updated risk-based recommendations.

Currently, Mr. Grenfell provides management and senior review expertise of Phase I ESAs, transaction screens, and other product types, and is extensively involved in project management and client communications, maintaining an emphasis on providing exemplary client service. Mr. Grenfell is responsible for ensuring consistency and quality of due diligence services and ensuring that client-specific requirements are met, as well as the requirements of ASTM and AAI standards. Mr. Grenfell displays excellent written and verbal communication skills, effectively communicating environmental risks in a succinct fashion by distilling assorted information into pertinent findings and conclusions. Mr. Grenfell excels at providing effective risk-based results for multiple demanding client groups.

Mr. Grenfell has worked with national and regional lenders, banks, investors, equity stakeholders, and property owners, including:

- Bank of America
- Principal Real Estate
- Wachovia
- Wells Fargo
- Morgan Stanley
- Merrill Lynch
- Prudential
- Nationwide Life
- Bear Stearns
- Blackstone Group
- Principal Financial
- Countrywide
- Capmark Finance
- Cingular Wireless

Mr. Grenfell is also a LEED Accredited Professional (AP) who has studied energy auditing practices in commercial buildings and continues to explore energy efficiency and green business practices in the built environment.

Finally, Mr. Grenfell's diversity across managing projects across industrial, residential, retail, and commercial environments, as well as his diverse project experience, is a major contribution to Partner Engineering and Science's Project Management team.

PARTNER
Engineering and Science, Inc.®



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1147-1151 South Main Street
Los Angeles, California 90015

Report Date: November 13, 2018
Partner Project No. 18-230966.1



Prepared for:

Jade Enterprises
888 South Figueroa Street, Suite 1900
Los Angeles, California 90017

PARTNER
Engineering and Science, Inc.

November 13, 2018

Brian Taban
Jade Enterprises
888 South Figueroa Street, Suite 1900
Los Angeles, California 90017

Subject: Phase I Environmental Site Assessment
1147-1151 South Main Street
Los Angeles, California 90015
Partner Project No. 18-230966.1

Dear Mr. Taban:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (415) 992-3755.

Sincerely,

Jay Grenfell
Relationship Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Jade Enterprises for the property located at 1147-1151 South Main Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Jade Enterprises with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the west side of Main Street within a commercial area of Los Angeles, California. Please refer to the table below for further description of the subject property:

Subject Property Data	
Addresses:	1147-1151 South Main Street, Los Angeles, California
Property Use:	Commercial
Land Acreage (Ac):	0.134 Ac (Parcel A); 0.134 Ac (Parcel B)
Number of Buildings:	Two
Number of Floors:	One with mezzanine
Gross Building Area (SF):	4,800 SF (Building A); 4,800 SF (Building B)
Date of Construction:	1986 (Building A); 1986 (Building B)
Assessor's Parcel Number (APN):	513-017-017 (Parcel A); 5139-017-018 (Parcel B)
Type of Construction:	Concrete
Current Tenants:	Steal a Sofa (building A) and Main Ace Fashion Accessory (building B)
Site Assessment Performed By:	Francisco Gonzalez of Partner
Site Assessment Conducted On:	November 6, 2018

The subject property is currently occupied by Steal a Sofa (building A, located on Parcel A) and Main Ace Fashion Accessory (building B, located on Parcel B) for commercial use. Onsite operations consist of retail furniture and accessory sales. The two buildings cover the majority of the parcel footprints; however, the subject property is additionally improved with several asphalt-pave parking spaces to the northeast of each building.

According to available historical sources, the subject property was formerly developed as part of the grounds of a large residential property between 1888 and circa 1894; Huntington School between 1906 and circa 1911; fender and auto body shop between 1929 and circa 1945: printing shop between 1948 and circa 1983; and developed with the current structure in 1986. Tenants of the subject property include Martin Alfd used cars (1933); Dewey Ches O Hazel used cars (1937-1942); a printer (1945-circa 1970s); The Fiet Company (1977-1986); Lucky International Trading (1990-2010); AF Designs Co Inc and Korus Sales Co (2006-2014); and Steal a Sofa and Main Ace Fashion (Present).

The immediately surrounding properties consist of parking to the north; S. H. Handbag to the south; several retail shops to the east across South Main Street; and parking to the west across an alley.

According to the Regional Water Quality Control Board's (RWQCB) GeoTracker database for a site located 0.32-mile southeast of the subject property (504 West Olympic Boulevard), the depth and direction of groundwater in the vicinity of the subject property is inferred to be approximately 49 feet below ground surface (bgs) and flow toward the south-southwest.

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify any recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- The subject property historically operated as an auto body repair shop during the early 1940s and was identified by EDR in historical resources as an automobile repairing facility in 1942. According to a review of building permits, the tenant occupying the subject property at that time was operating as a fender and auto body repair shop which was converted to a print shop by 1945. Auto body repair shops frequently utilize paints, thinners, welding gasses, fillers and other materials but less frequently use oils, other automotive fluids and degreasers such as chlorinated solvents which full service drivetrain repair shops might use and are more persistent in the environment. Furthermore, the subject property was demolished, regraded and completely redeveloped in 1986. Based on the presumed nature of auto body repair operations, the elapsed time since the occupancy and redevelopment of the property, the historical auto body shop operations are not expected to represent a significant environmental concern.

- According to a review of Sanborn maps and building permit records, the subject property was formerly occupied by a print shop from 1945 to circa 1970. Many printing industries generate waste ink, ink sludges and use cleaners that might contain solvents or heavy metals. Overall, the print shop operations appear to have been limited to one portion of a relatively small building. Additionally, the former building was completely demolished in 1986, regraded and developed with the current two buildings that year. Based on the relatively limited scale of printing operations depicted on the Sanborn maps, the elapsed time since the occupancy and subsequent redevelopment of the property, the historical print shop operations are not expected to represent a significant environmental concern.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 1147-1151 South Main Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no additional investigation of the subject property at this time.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 1147-1151 South Main Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35) (B).

1.2 Scope of Work

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent

activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

Jade Enterprises engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Jade Enterprises. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers,

employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted Partner's standard Terms and Conditions, a copy of which can be found at http: / www.partneresi.com/terms-and-conditions.php.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of a pre-survey questionnaire from the Report User. This information was not provided at the time of the assessment.
- Partner was unable to determine the property use at 5-year intervals, which constitutes a data gap. Information concerning historical use of the subject property was unavailable from 1985 to 1906, and from 1991 to 1922. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.
- Partner's view of the ground during the site assessment was obstructed due to excessive storage. Based on information obtained from other sources, this limitation is not expected to alter the overall findings of this assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 1147-1151 South Main Street in Los Angeles, California is located on the west side of South Main Street. According to the Los Angeles County Assessor, the subject property is legally described as "TRACT NO 2289 LOT 36" for parcel A and "TRACT NO 2289 LOT 37" for parcel B.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently occupied by Steal a Sofa (building A, located on Parcel A) and Main Ace Fashion Accessory (building B, located on Parcel B) for commercial use. Onsite operations consist of retail furniture and accessory sales. The two buildings cover the majority of the parcel footprints; however, the subject property is additionally improved with several asphalt-pave parking spaces to the northeast of each building.

The subject property is designated for commercial development by the City of Los Angeles.

The subject property was identified as an Environmental Data Resources (EDR) Hist Auto site in the regulatory database report, as further discussed in Section 4.2.

2.3 Current Use of Adjacent Properties

The subject property is located within a commercial area of Los Angeles County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
North:	Parking (1127-1137 South Main Street)
South:	S.H. Handbag (1155 South Main Street)
East:	South Main Street beyond which are retail shops: BJ Import Wholesale, Two Ten and Missy USA Handbags (1132-1144 South Main Street)
West:	Alley beyond which is parking (1140-1168 South Broadway)

The adjacent property to the north was identified as an EDR Hist Auto site in the regulatory database report, as discussed in Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

According to the contour lines on the topographic map, the subject property is located at approximately 240 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southeast. The subject property is not depicted with structures on the 2015 map.

A copy of the most recent topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

According to the Regional Water Quality Control Board's (RWQCB) GeoTracker database for a site located 0.32-mile southeast of the subject property (504 West Olympic Boulevard), the depth and direction of groundwater in the vicinity of the subject property is inferred to be approximately 49 feet below ground surface (bgs) and flow toward the south-southwest.

The nearest surface water in the vicinity of the subject property is the Los Angeles River located approximately 1.75 miles and east of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Los Angeles Department of Water and Power (LADWP) serves the subject property vicinity. According to a representative of the LADWP, shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Los Angeles are surface water from the Colorado River Aqueduct & Los Angeles Aqueduct) as well as groundwater.

2.4.3 Geology/Soils

The subject property is located within the Coastal Plain of Los Angeles County. According to the United States Department of Agriculture's Report and General Soil Map for Los Angeles County, the area surrounding the subject property is underlain by soils of the Ramona-Placentia Association. The soils of this association occur on gently sloping terraces between elevations from near sea level and 1,300 feet. Ramona soils make up about 80 percent and Placentia 15 percent of the association. Ramona soils in the Los Angeles basin are over 60 inches deep, are well drained and have slow subsoil permeability. They are characterized by brown to reddish-brown, heavy loam, loam, or sandy loam surface layers about 18 inches thick. Sub-soils are brown to reddish-brown, dense clay loam or clay about 30 inches thick. The substratum is brown to reddish-brown loam or light clay loam. Some sub-soils may be stratified beds of silt to sand. Areas with up to 60 percent by volume stones and cobbles also occur. Available water holding capacity is 8.0 to 10.0 inches for 60 inches of soil depth. Water holding capacity is reduced by the percentage of coarse fragments in those areas containing stones and cobbles. Placentia soils are over 18 inches deep, are moderately well drained and have very slow subsoil permeability. They are characterized by brown to reddish-brown loam or sandy loam surface layers abruptly underlain by a dense, dark reddish-brown, clay loam subsoil at about 18 inches. The substratum occurs at about 48 inches and is brown loam. The dense subsoil restricts the movement of air and water and the development of roots and is therefore considered limiting for effective soil depth. Occasional areas have sub-soils composed mainly of gravelly deposits and some have an iron-cemented hardpan. Available water-holding capacity is about 2.0 to 2.5 inches for 18 inches of effective soil depth.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 1620 (Map No. 06037C1620F), dated September 26, 2008, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Period/Date	**Source**	**Description/Use**
1888-1894	Sanborn Maps	Grounds of large Residence
1906-1911	Sanborn Maps, Building Records	Grounds of Private School
1922-1929	Aerial Photographs, Topographic Maps, Building Records	Public Garage
1929-1945	Aerial Photographs, Building Records, City Directories, Sanborn Maps	Fender and Auto Body Shop
1950-1983	Sanborn Maps, Building Records	Printing Shop
1986-Present	Aerial Photographs, Building Records, City Directories	Commercial

Tenants of the subject property include Martin Alfd used cars (1933); Dewey Ches O Hazel used cars (1937-1942); a printer (1945-circa 1970s); The Fiet Company (1977-1986); Lucky International Trading (1990-2010); AF Designs Co Inc and Korus Sales Co (2006-2014); and Steal a Sofa and Main Ace Fashion (Present).

The subject property historically operated as an auto body repair shop during the early 1940s and was identified by EDR in historical resources as an automobile repairing facility in 1942. According to a review of building permits, the tenant occupying the subject property at that time was operating as a fender and auto body repair shop which was converted to a print shop by 1945. Auto body repair shops frequently utilize paints, thinners, welding gasses, fillers and other materials but less frequently use oils, other automotive fluids and degreasers such as chlorinated solvents which full service drivetrain repair shops might use and are more persistent in the environment. Furthermore, the subject property was demolished, regraded and completely redeveloped in 1986. Based on the presumed nature of auto body repair operations, the elapsed time since the occupancy and redevelopment of the property, the historical auto body shop operations are not expected to represent a significant environmental concern.

According to a review of Sanborn maps and building permit records, the subject property was formerly occupied by a print shop from 1945 to circa 1970. Many printing industries generate waste ink, ink sludges and use cleaners that might contain solvents or heavy metals. Overall, the print shop operations appear to have been limited to one portion of a relatively small building. Additionally, the former building was completely demolished in 1986, regraded and developed with the current two buildings that year. Based on the relatively limited scale of printing operations depicted on the Sanborn maps, the elapsed time since the occupancy and subsequent redevelopment of the property, the historical print shop operations are not expected to represent a significant environmental concern.

No other potential environmental concerns were identified in association with the current or former use of the subject property.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from EDR on November 9, 2018. The following observations were noted to be visible on the subject property and adjacent properties during the aerial photograph review:

Date: 1923		***Scale: 1"=500'***
Subject Property:	Appears developed with one building with parking	
North:	Appears developed with parking and two buildings	
South:	Appears developed as parking	
East:	Appears developed with two buildings across a street	
West:	Appears developed as parking	

Date: 1928, 1938, 1948, 1952		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	No significant changes visible	
East:	No significant changes visible	
West:	Additional development with one building in the north portion of property	

Date: 1964, 1970		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	No significant changes visible	
East:	Appears developed with parking on the southern portion of property and one building on the northern portion of property across South Main Street	
West:	No significant changes visible	

Date: 1977		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible, with the exception of an additional building on the southern portion of property	
South:	No significant changes visible	
East:	No significant changes visible	
West:	No significant changes visible	

Date: 1983		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	No significant changes visible	
East:	No significant changes visible, with exception of an additional building to the southern portion of property	
West:	No significant changes visible	

Date: 1989, 1994, 2002, 2005, 2009, 2012, 2016		***Scale: 1"=500'***
Subject Property:	Developed with the two current buildings	
North:	No significant changes visible	
South:	Developed with current building	
East:	No significant changes visible	

Date:	*1989, 1994, 2002, 2005, 2009, 2012, 2016*	*Scale:*	*1"=500'*
West:	No significant changes visible		

Copies of select aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps

Partner reviewed the collection of Sanborn Fire insurance maps from EDR on November 9, 2018. The following observations were noted to be depicted on the subject property and adjacent properties during the fire insurance map review:

Date:	*1888*
Subject Property:	Depicted as vacant, used in conjunction with Residence and Ornamental grounds of OW Childs
North:	Depicted as the Lawn Tennis Grounds, used in conjunction with Residence and Ornamental grounds of OW Childs
South:	Depicted as vacant
East:	Depicted as vacant across South Main Street
West:	Depicted as vacant

Date:	*1894, 1906*
Subject Property:	No significant changes depicted though by 1906 the residence is depicted as a school
North:	Depicted as vacant
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date:	*1950, 1953*
Subject Property:	Depicted as a two story building, with a print shop on the first floor. The building was reinforced concrete with wood truss on plastered walls. A stationary storage is depicted to the northwest portion of the property (1147-1151 South Main Street)
North:	Depicted as auto sales (1135 Main Street), stores (1127-1131 Main Street), and private garage mad of reinforced concrete (1121-1123 Main Street)
South:	Depicted as auto sales
East:	Southern portion of property depicted as a market with a wood roof, cold storage, and warehouse to the south (1138-1444 South Main Street). Northern portion of property depicted as paint store (1134-1132 South Main Street)
West:	Depicted as auto park to the southern portion of the property. North portion of property is depicted as printing (1144 Broadway)

Date:	*1954*
Subject Property:	Not depicted on map
North:	Not depicted on map
South:	Not depicted on map
East:	No significant changes depicted
West:	Not depicted on map

Date: 1955

Subject Property: No significant changes
North: No significant changes depicted
South: No significant changes depicted
East: Not depicted on map
West: No significant changes depicted

Date: 1958

Subject Property: No significant changes depicted
North: No significant changes depicted
South: Depicted as parking space
East: Not depicted on map
West: No significant changes depicted

Date: 1959

Subject Property: Not depicted on map
North: Not depicted on map
South: Not depicted on map
East: Depicted as parking, auto seats and cover shop across Main Street
West: Not depicted on map

Date: 1960, 1962, 1963

Subject Property: No significant changes depicted
North: No significant changes depicted
South: No significant changes depicted
East: No significant changes depicted
West: No significant changes depicted

Date: 1967

Subject Property: No significant changes depicted
North: No significant changes depicted
South: No significant changes depicted
East: No significant changes depicted
West: No significant changes depicted

Date: 1968

Subject Property: No significant changes depicted
North: No significant changes depicted
South: No significant changes depicted
East: Not depicted on map
West: No significant changes depicted

Date: 1970	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Copies of reviewed Sanborn Maps are included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from EDR on November 9, 2018 for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

City Directory Search for 1147-1151 South Main Street (Subject Property)

Year(s)	Occupant Listed
1920-1932	Not Listed
1933	Martin Alfd used cars (1151 South Main Street)
1937	Dewey Ches O Hazel used cars (1147 South Main Street)
1942	Dewey Chas O Hazel C used cars (1147 South Main Street); Moore & Pfeif Philip Moore Carl Pfeif auto repre (1151 South Main Street)
1944-1980	Not Listed
1981	Feit Co Inc (1151 South Main Street)
1985-1986	Not Listed
1990	Jayco Imprtrs, Lucky Internatl Trading (1147 South Main Street); Prestige Plus, Beaugal Fashion Jewlery, Charming (1151 South Main Street)
1991-2004	Not Listed
2006	Lucky Internatl Trading (1147 South Main Street); Korus Pantyhose, SC 2000 Inc (1151 South Main Street)
2010	AF Designs Co Inc, Lucky International Trading, Sigma USA Jewelry Inc (1147 South Main Street); JDK 2000 Inc, Korus Sales Co (1151 South Main Street)
2014	AF Designs Co Inc (1147 South Main Street); Korus Sales Co (1151 South Main Street)

According to the city directory review, the subject property was historically occupied by Moore & Philip Moore Carl Pfeif auto repre and Dewey Ches O Hazel used cars.

City Directory Search for Adjacent Properties

Year(s)	Occupant Listed
1924	Los Angeles Cycle Club (1123 South Main Street), Cohen Harry auto wrecker (1131 South Main Street); Taylor Oliver auto park (1144 South Broadway)
1929	Carter Jos F Virgina used cars (1125 South Main Street); Hengen Maude restr (1131 South Main Street); Grumman used cars (1137 South Main Street); Plummer henry Faith auto park (1146 South Broadway)

City Directory Search for Adjacent Properties	
Year(s)	**Occupant Listed**
1933	Green & Critelle (1131 South Main Street); West Coast Stationery & Printing (1144 South Broadway)
1937	Dikey Sanders used cars (1155 South Main Street); CARR Chas A garage (1123 South Main Street); Kurkjian Armenag (1127 South Main Street); Hammerman Harry (1131 South Main Street); West Coast Stationery & Printing (1144 South Broadway); Plummer Henry Faith auto park (1146 South Broadway)
1942	CARR Chas A garage (1123 South Main Street); Liberty Press Irving Dorfman Herman (1127 South Main Street); West Coast Stationary (1144 South Broadway); Plummer Henry Faith auto park (1146 South Broadway)
1958	Garcia Albert Auto Top Shop (1132 South Main Street); Sullivan Printing Co (1150 South Main Street)
1976	Typesetting Co (1127 South Main Street); Capital Sewing Machine (1129 South Main Street); California Belting & Leather Co (1131 South Main Street)
1981	L Monde International (1137 South Main Street)
1986	KML Enterprise (1123 South Main Street); Main Ace Jewelry Co (1127 South Main Street); Royal A Co (1131 South Main Street); Watch & Jewelry (1137 South Main Street); Y & S International Co Inc
1990	DH Imports (1155 South Main Street); KML Enterprise (1123 South Main Street); Price Mart (1125 South Main Street); Leona Interantl Inc (1127 South Main Street); Main Eleven (1131 South Main Street); Watch & Jewelry Co (1137 South Main Street); June trading (1132 South Main Street)
2000	Lucky International Trading (1144 Broadway)
2006	SHTrading(1155 South Main Street); Accessories (1123 South Main Street); Eleven main (1125 South Main Street); Rina Rich (1127 South Main Street); Repetto Inc (1131 South Main Street); Supply (1137 South Main Street); Trading International Lucky (1144 Broadway); BJ Co (1132 South Main Street); Jaydee Designs (1150 South Main Street)
2010	J&S Trading Co (1155 South Main Street), Moka Handbags & ACC LLC (1123 South Main Street); Main Eleven Trading (1125 South Main Street); Princess Trading (1127 South Main Street); Repetto Inc (1131 South Main Street); Daniel Beauty Supply (1137 South Main Street); BJ Company (1132 South Main Street); Zenma Inc (1150 South Main Street)
2014	DK Hawaiian Collection Inc (1123 South Main Street); Main Eleven Trading (1125 South Main Street); Repetto Inc (1131 South Main Street); Daniel Beauty Supply (1137 South Main Street); BJ Company (1132 South Main Street); Sierra Trading (1150 South Main Street)

According to the city directory review, the adjacent properties have been occupied by an auto wrecker (1131 South Main Street), Plummer henry Faith auto park (1146 South Broadway), Garcia Albert Auto Top Shop (1132 South Main Street), and Carter Jos F Virgina used cars (1125 South Main Street)

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from Environmental Data Resources (EDR) on November 9, 2018. The following observations were noted to be depicted on the subject property and adjacent properties during the topographic map review:

Date: 1894, 1896, 1898, 1900, 1902, 1920, 1921	
Subject Property:	No structures depicted

Date:	***1894, 1896, 1898, 1900, 1902, 1920, 1921***
North:	Depicted with a building
South:	No structures depicted
East:	Depicted with no structures across South Main Street
West:	No structures depicted

Date:	***1928***
Subject Property:	Depicted with a building
North:	Depicted with a building
South:	Depicted with a building to the south and vacant to the west
East:	Depicted with building across South Main Street
West:	Depicted with a building

Date:	***1953, 1966, 1972, 1981, 1991, 1994***
Subject Property:	Shaded pink to represent urban development; no features are depicted
North:	Shaded pink to represent urban development; no features are depicted
South:	Shaded pink to represent urban development; no features are depicted
East:	Shaded pink to represent urban development; no features are depicted
West:	Shaded pink to represent urban development; no features are depicted

Date:	***2012***
Subject Property:	No structures depicted
North:	No structures depicted
South:	No structures depicted
East:	No structures depicted
West:	No structures depicted

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 Health Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Fire Department, Health and Hazardous Materials Division (HHMD)
Point of Contact:	https://www.fire.lacounty.gov/hhmd/
Agency Address:	1320 North Eastern Avenue, Los Angeles CA 90063
Agency Phone Number:	(323) 881-2411
Date of Contact:	October 26, 2018
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LAHHMD.

4.1.2 Fire Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Fire Department (LAFD) Hazardous Materials (HazMat) and LAFD Underground Tank Unit (UGT)
Point of Contact:	LAFD CUPA
Agency Address:	200 North Main Street, 17th Floor, Los Angeles, California 90012
Agency Phone Number:	(213) 978-3700
Date of Contact:	October 26, 2018
Method of Communication:	http://www.lafd.org/public-records
Summary of Communication:	No records regarding hazardous substance use, storage, or releases, or the presence of USTs were on file with the Underground Tank or Hazardous Materials units (as confirmed by searching addresses on their on-line spreadsheets for active and inactive USTs and hazardous materials use).

4.1.3 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	Air Quality Management District (AQMD)
Source:	http://www3.aqmd.gov/webappl/fim/prog/search.aspx
Agency Phone Number:	(909) 396-2000
Date of Contact:	October 26, 2018
Method of Communication:	Online Facility Information Detail (FINDS) database
Summary of Communication:	No Permits to Operate (PTO), Notices of Violation (NOV), or Notices to Comply (NTC) or the presence of AULs, dry cleaning machines, or USTs were on file for the subject property with the AQMD.

4.1.4 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	Regional Water Quality Control Board (RWQCB)
Point of Contact:	http://geotracker.waterboards.ca.gov/default.asp
Agency Address:	320 W 4th St #200, Los Angeles, California
Agency Phone Number:	(916) 341-5791
Date of Contact:	October 26, 2018
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the RWQCB.

4.1.5 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	http://www.envirostor.dtsc.ca.gov/public/ http://hwts.dtsc.ca.gov/report_search.cfm?id=5
Agency Address:	1001 I Street, Sacramento, California
Agency Phone Number:	(800) 728-6942
Date of Contact:	October 26, 2018
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the Envirostor and Hazardous Waste Tracking System databases.

4.1.6 Building Department

Regulatory Agency Data	
Name of Agency:	City of Los Angeles Building and Safety Department
Point of Contact:	http://ladbsdoc.lacity.org/idispublic/
Agency Address:	201 North Figueroa Street, Los Angeles, CA 90012
Agency Phone Number:	(213) 482-0000
Date of Contact:	October 26, 2018
Method of Communication:	Online
Summary of Communication:	Records were available for review, as further discussed in the following table:

Building Records Reviewed for 1147-1151 South Main Street (Subject Property)

Year(s)	Owner/Applicant	Description
1911	Huntington	Repair fire damage at private school
1922	Spencer	Addition to public garage
1929	Winslow Felix	Move roof sign at public garage (1151 South Main Street)
1941	CC	Certificate of Occupancy (illegible use)

Building Records Reviewed for 1147-1151 South Main Street (Subject Property)		
Year(s)	**Owner/Applicant**	**Description**
1945	Patric Auto Wr's	Install new shop office at auto body repair (1151 South Main Street)
1945	West Coast Stationary and Printing	Building Permit for building alteration, from body and fender shop to print shop (1151 Main Street)
1948	Coast Stationary	Certificate of Occupancy for one-story printing shop and storage (1151 South Main Street)
1953	West Coast Stationary	Certificate of Occupancy for print shop (1147 South Main Street)
1954	West Coast Stationary Company	Certificate of Occupancy for print shop (1151 South Main Street)
1977	Feit Company	Add office and customer service in warehouse (1151 South Main Street)
1977	Feit Company	Close exterior opening in warehouse and office (1147 South Main Street)
1981	Feit	Building Permits for mezzanine additions (1147-1151 South Main Street)
1986	Feit	Building Permit for demolition (1147-1151 South Main Street)
1986	Israel Feit	Grading Permit
1987	Israel Feit	Certificate of Occupancy for one-story retail store (1147 South Main Street)
1987	Israel Feit	Certificate of Occupancy for one-story retail store (1151 South Main Street)

4.1.7 Planning Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Department of City Planning (LAPD)
Point of Contact:	http://zimas.lacity.org/
Agency Address:	3031 Los Angeles Boulevard, Los Angeles 90503
Agency Phone Number:	(310) 618-5990
Date of Contact:	October 26, 2018
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is zoned C2-4 for commercial development by the City of Los Angeles.

4.1.8 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Division of Oil, Gas and Geothermal Resources (DOGGR)
Point of Contact:	http://maps.conservation.ca.gov/doggr/#close
Agency Address:	801 K Street, MS 24-01, Sacramento, California
Agency Phone Number:	(916) 322-1080
Date of Contact:	October 26, 2018
Method of Communication:	Online

Regulatory Agency Data	
Summary of Communication:	According to DOGGR, no oil or gas wells are located on or adjacent to the subject property.

4.1.9 Assessor's Office

Regulatory Agency Data	
Name of Agency:	Los Angeles County Assessor (LACA)
Point of Contact:	http://maps.assessor.lacounty.gov/mapping/viewer.asp
Agency Address:	500 West Temple Street Room 225, Los Angeles 90012
Agency Phone Number:	(888) 807-2111
Date of Contact:	October 26, 2018
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by two Assessor Parcel Numbers (APNs). Parcel A is identified as 5139-017-017 and parcel B is identified 5139-017-018. Both buildings were constructed in 1986 and total 4,800 SF each.

4.1.10 LA Sanitation District

Regulatory Agency Data	
Name of Agency:	Bureau of Sanitation, City of Los Angeles
Point of Contact:	Mia Kang
Agency Address:	200 N Spring St, Los Angeles, CA 90012
Agency Phone Number:	(323) 342-6111
Date of Contact:	October 26, 2018
Method of Communication:	Faxed Request
Summary of Communication:	No records regarding industrial waste permits, on the subject property were on file with the LA Sanitation District.

A copy of pertinent documents is not included in Appendix B of this report.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Federal NPL or Delisted NPL Site	1.00	N	N	N

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	N	N	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
EDR MGP	1.00	N	N	N
EDR US Hist Auto Station	0.125	**Y**	**Y**	N
EDR US Hist Cleaners	0.125	N	N	N

4.2.2 Subject Property Listings

The subject property is identified as an EDR Hist Auto site in the regulatory database report, as discussed below:

- The subject property, identified as Moore Pfeif at 1151 South Main Street, was identified by EDR in historical resources as an automobile repairing facility in 1942. According to a review of building permits, the tenant occupying the subject property at that time was operating as a fender and auto body repair shop which was converted to a print shop by 1945. Auto body repair shops frequently utilize paints, thinners, welding gasses, fillers and other materials but less frequently use oils, other automotive fluids and degreasers such as chlorinated solvents which full service drivetrain repair shops might use and are more persistent in the environment. Furthermore, the subject property was demolished, regraded and completely redeveloped in 1986. Based on the presumed nature of auto body repair operations, the elapsed time since the occupancy and redevelopment of the property, this listing is not expected to represent a significant environmental concern.

4.2.3 Adjacent Property Listings

The adjacent property to the north was identified as EDR Historical Auto Station site in the regulatory database report, as discussed below:

- The adjacent property, identified as Station#23 at 1131 South Main Street, is located adjacent to the north of the subject property. According to the database report, Station #23 operated a gasoline service station on the premises in 1982. No additional information was provided in the database report. This site is not listed not any release database that would impact the subject property. Additionally, a review of building permit records for this property revealed the use to be retail stores between the 1950s and 1980s and city directories for this address revealed no evidence of a gas station. Based on the lack of a documented gas station at this site, this listing is not expected to represent a significant environmental concern.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.4 Sites of Concern Listings

No sites of concern are identified in the regulatory database report.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.5 Orphan Listings

No orphan listings of concern are identified in the regulatory database report.

A copy of the regulatory database report is included as Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from Jade Enterprises (User of this report).

User Responsibilities				
Item	**Provided by User**	**Not Provided by User**	**Discussed Below**	**Does Not Apply**
Environmental Pre-Survey Questionnaire			**X**	
Title Records, Environmental Liens, and AULs			**X**	
Specialized Knowledge			**X**	
Actual Knowledge			**X**	
Valuation Reduction for Environmental Issues			**X**	
Identification of Key Site Manager	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports		**X**		
Other				**X**

5.1 Interviews

5.1.1 Interview with Owner

Mr. Doran Tajkef, a representative of the subject property owner, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or

petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.1.2 Interview with Report User

Mr. Taban, report user, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.1.3 Interview with Key Site Manager

Mr. Dan Daneshrad, key site manager, indicated that he information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

The User did not have specialized knowledge of environmental conditions associated with the subject property at the time of the assessment.

5.2.3 Actual Knowledge of the User

The User was not aware of environmental liens and/or AULs encumbering the subject property or in connection with the subject property at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

The User was not aware of any reductions in property value due to environmental issues.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

No previous reports or other pertinent documentation was provided to Partner for review during the course of this assessment.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Francisco Gonzalez
Site Assessment Conducted On:	November 6, 2018

The table below provides the subject property personnel interviewed during the field reconnaissance:

Site Visit Personnel for 1147-1151 South Main Street (Subject Property)			
Name	**Title/Role**	**Contact Number**	**Site Walk* Yes/No**
Dan Daneshrad	Key Site Manager	(213) 270-2248	Yes

* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property

No potential environmental concerns were identified during the onsite reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in commercial dumpsters located northwest on the subject property. An independent solid waste disposal contractor removes solid waste from the subject property. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The City of Los Angeles services the subject property vicinity. No wastewater treatment facilities or septic systems are observed or reported on the subject property.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by direction to a municipal owned and maintained sewer system.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish & Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity and natural gas provided by Los Angeles Department of Water and Power and Southern California Gas Company.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. No industrial process is currently performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

No evidence of the use of reportable quantities of hazardous substances was observed on the subject property. Small quantities of general maintenance supplies were found to be properly labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. The storage and use of maintenance supplies does not appear to pose a significant threat to the environmental integrity of the subject property at this time.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former ASTs or USTs was observed during the site reconnaissance.

6.2.3 Evidence of Releases

No spills, stains or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

No potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps, or clarifiers, other than those associated with storm water removal, were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The subject property buildings were constructed in 1986. As such, an asbestos evaluation was not required by the scope of services; however, please refer to the table below for observed materials that would be considered suspect ACMs in the event of a thorough survey:

Suspect ACMs

Suspect ACM	Location	Friable Yes/No	Physical Condition
Drywall Systems	Throughout Building Interior	No	Good
Stucco	Throughout Building Exterior	No	Good

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the User an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, assessment, and evaluation will be warranted for any other use.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

According to the US EPA, ACM and PACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition. Prior to any disturbance of the construction materials within this facility, a comprehensive ACM survey is recommended.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

It is unlikely that LBP is present in buildings constructed after 1977. Therefore, due to the age of the subject property buildings, it is unlikely that LBP is present.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones

EPA Zones	Average Predicted Radon Levels	Potential
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Los Angeles Department of Water and Power (LADWP) serves the subject property vicinity. According to a representative of the LADWP, the sources of public water for the City of Los Angeles are surface water (Colorado River Aqueduct & Los Angeles Aqueduct) as well as groundwater. According to the 2017 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g.in the form of very high humidity,

condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify any recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- The subject property historically operated as an auto body repair shop during the early 1940s and was identified by EDR in historical resources as an automobile repairing facility in 1942. According to a review of building permits, the tenant occupying the subject property at that time was operating as a fender and auto body repair shop which was converted to a print shop by 1945. Auto body repair shops frequently utilize paints, thinners, welding gasses, fillers and other materials but less frequently use oils, other automotive fluids and degreasers such as chlorinated solvents which full service drivetrain repair shops might use and are more persistent in the environment. Furthermore, the subject property was demolished, regraded and completely redeveloped in 1986. Based on the presumed nature of auto body repair operations, the elapsed time since the occupancy and redevelopment of the property, the historical auto body shop operations are not expected to represent a significant environmental concern.
- According to a review of Sanborn maps and building permit records, the subject property was formerly occupied by a print shop from 1945 to circa 1970. Many printing industries generate waste

ink, ink sludges and use cleaners that might contain solvents or heavy metals. Overall, the print shop operations appear to have been limited to one portion of a relatively small building. Additionally, the former building was completely demolished in 1986, regraded and developed with the current two buildings that year. Based on the relatively limited scale of printing operations depicted on the Sanborn maps, the elapsed time since the occupancy and subsequent redevelopment of the property, the historical print shop operations are not expected to represent a significant environmental concern.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 1147-1151 South Main Street in the City of Los Angeles, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no additional investigation of the subject property at this time.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 1147-1151 South Main Street in the City of Los Angeles, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Francisco Gonzalez
Environmental Scientist

Reviewed By:



David Gerhardstein
Senior Author

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Radius Report, November 2018

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, November 2018

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, November 2018

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, November 2018

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, November 2018

United States Geological Survey, accessed via the Internet, November 2018

United States Geological Survey Topographic Map 1995, 7.5 minute series, accessed via internet, November 2018

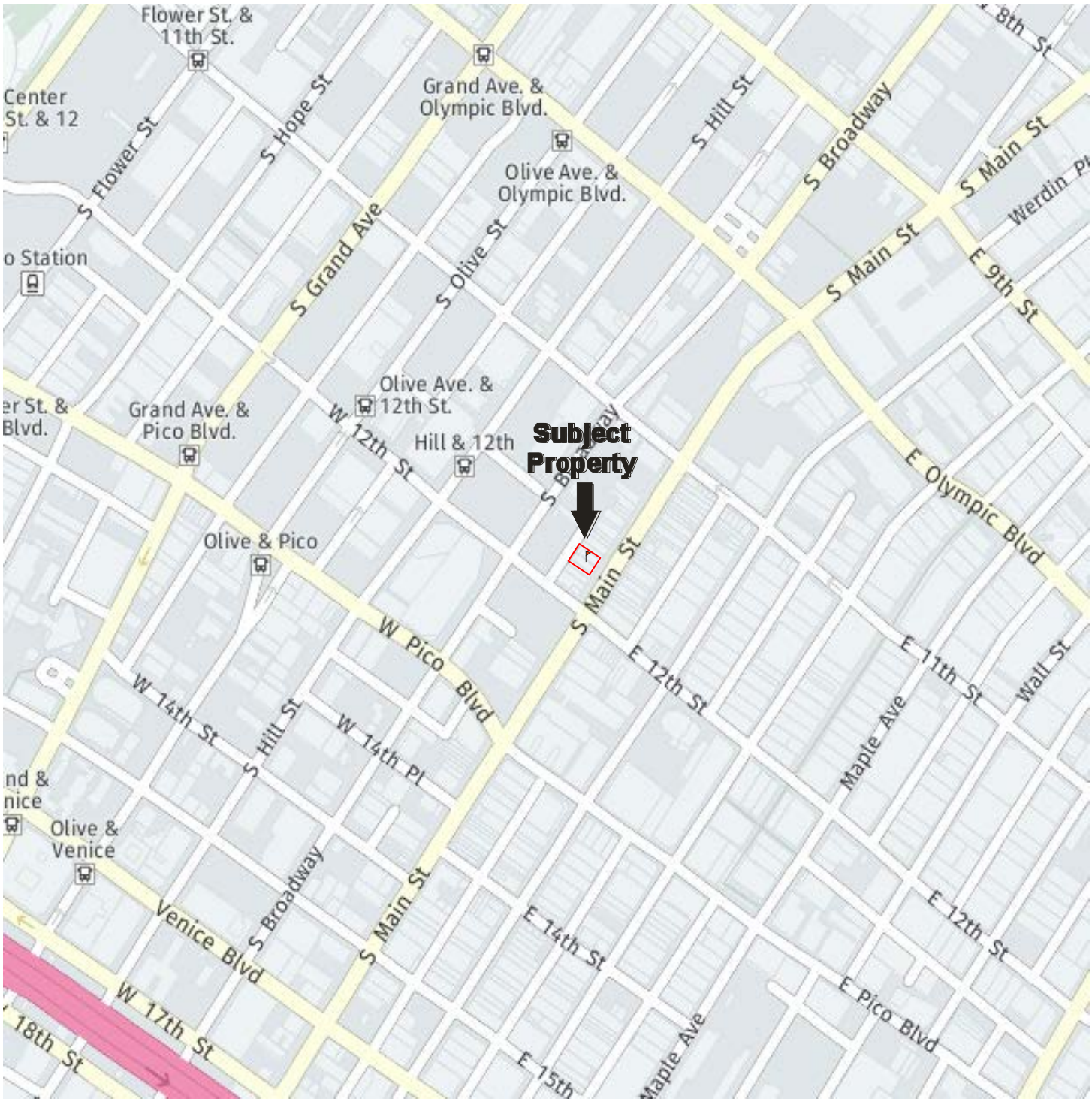
FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER



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Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP
Project No. 18-230966.1

PARTNER



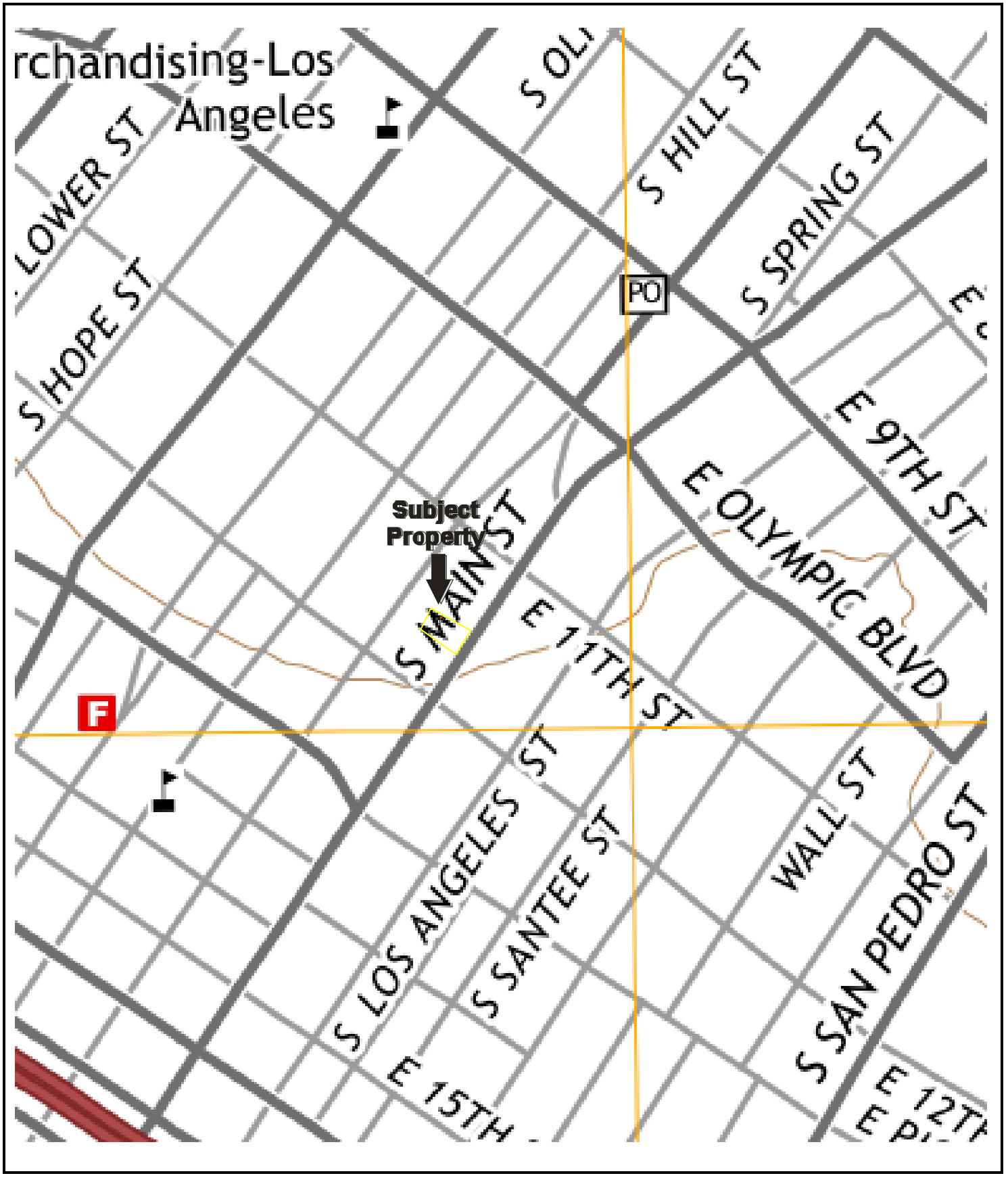
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GROUNDWATER FLOW

KEY:
Subject Property

FIGURE 2: SITE PLAN
Project No. 18-230966.1

PARTNER



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USGS 7.5 Minute *Hollywood, California* Quadrangle
Created: 2015

KEY:
Subject Property

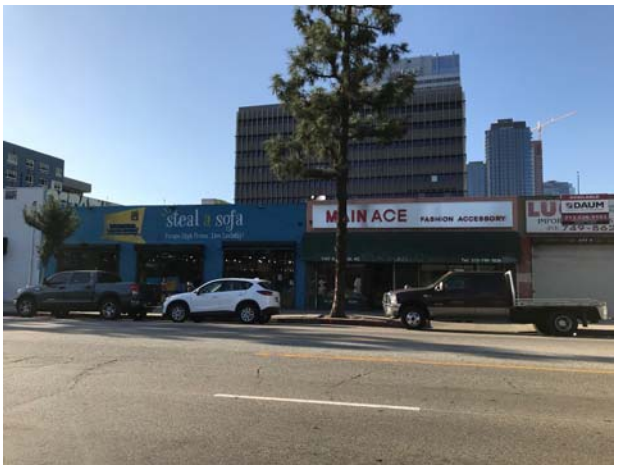
FIGURE 3: TOPOGRAPHIC MAP
Project No. 18-230966.1

PARTNER

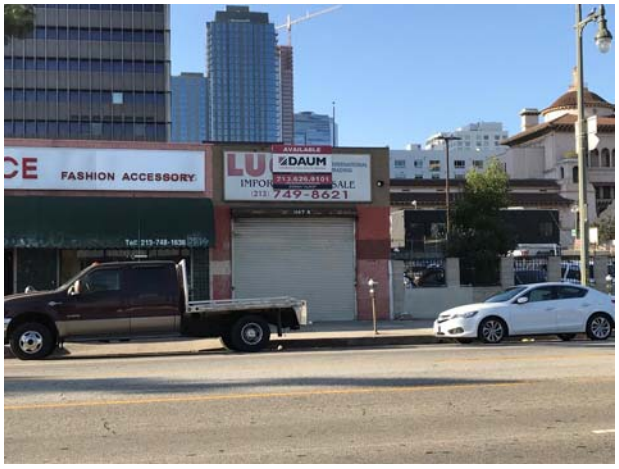
APPENDIX A: SITE PHOTOGRAPHS



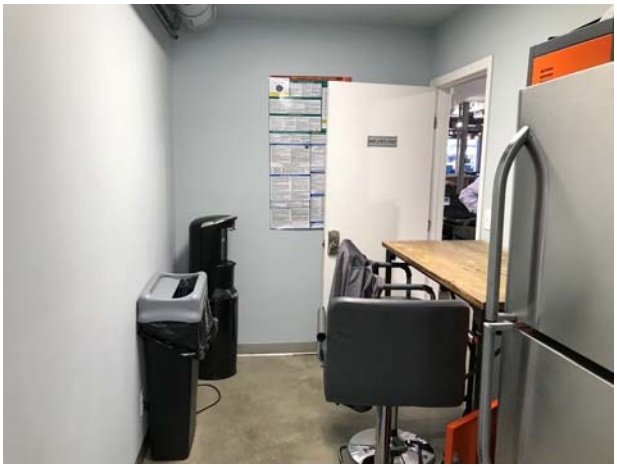
1. View of the west side of buildings A and B, looking northeast.



2. View of the east side of buildings A and B, looking west.



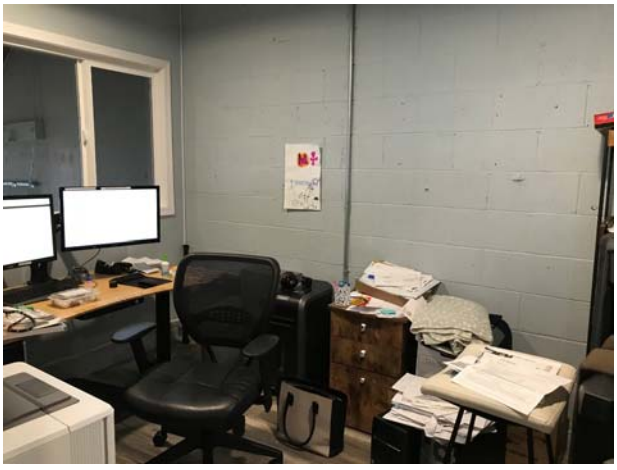
3. Additional view of the east side of building A, looking west.



4. View of the break room, in building A.



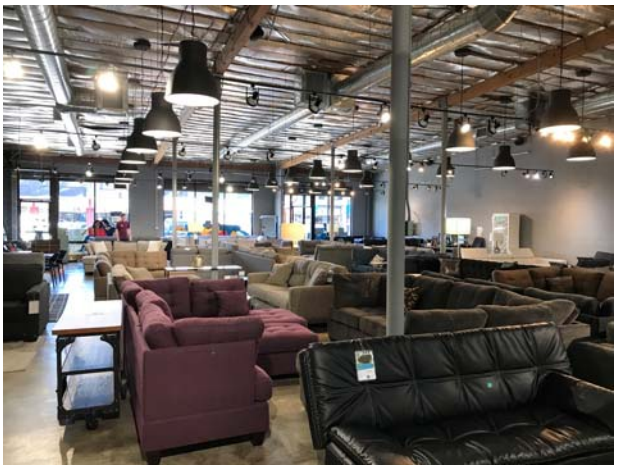
5. View of an office, in building A.



6. View of an office, in the mezzanine of building A.



7. View of onsite sales operation, in the mezzanine of building A.



8. Additional view of onsite sales operation, in building A.



9. View of restroom, in building A.



10. View of cleaning supplies, in building A.



11. View of additional storage, in building A.



12. Additional view of onsite operations, in the building A.



13. View of storage, on the mezzanine of building B.



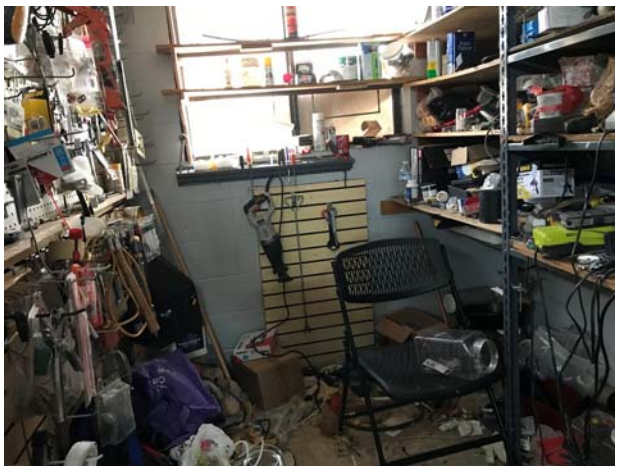
14. View of restroom, in building B.



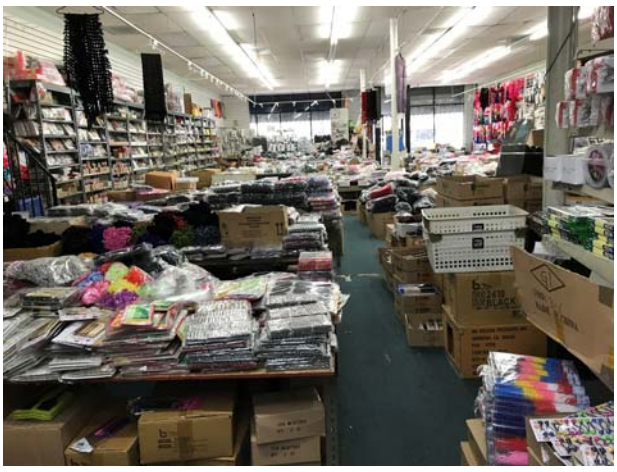
15. View of onsite sales operation, in building B.



16. View of storage, in building B.



17. View of closet, in building B.



18. Additional view of onsite sales operation, in building B.



19. View of east adjacent properties



20. View of south adjacent

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

PARTNER

1147-1151 S Main

1147-1151 S Main Street

LOS ANGELES, CA 90015

Inquiry Number: 5471372.8

November 01, 2018

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/01/18

Site Name:

1147-1151 S Main
1147-1151 S Main Street
LOS ANGELES, CA 90015
EDR Inquiry # 5471372.8

Client Name:

Partner Engineering and Science, Inc.
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000
Contact: Max Mcbride

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Search Results:

Year	Scale	Details	Source
1923	1"=500'	Flight Date: January 01, 1923	FAIR
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1938	1"=500'	Flight Date: May 22, 1938	USDA
1948	1"=500'	Flight Date: July 10, 1948	USGS
1952	1"=500'	Flight Date: August 01, 1952	USGS
1964	1"=500'	Flight Date: July 28, 1964	USGS
1970	1"=500'	Flight Date: February 17, 1970	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1989	1"=500'	Flight Date: August 22, 1989	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
2002	1"=500'	Flight Date: June 10, 2002	USDA
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP

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500 1000 2000

N

Key: Subject Property



500 1000 2000

N

Key: Subject Property



500 1000 2000

N

Key: Subject Property



500 1000 2000

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Key: Subject Property



500 1000 2000

N

Key: Subject Property



500 1000 2000

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Key: Subject Property



500 1000 2000

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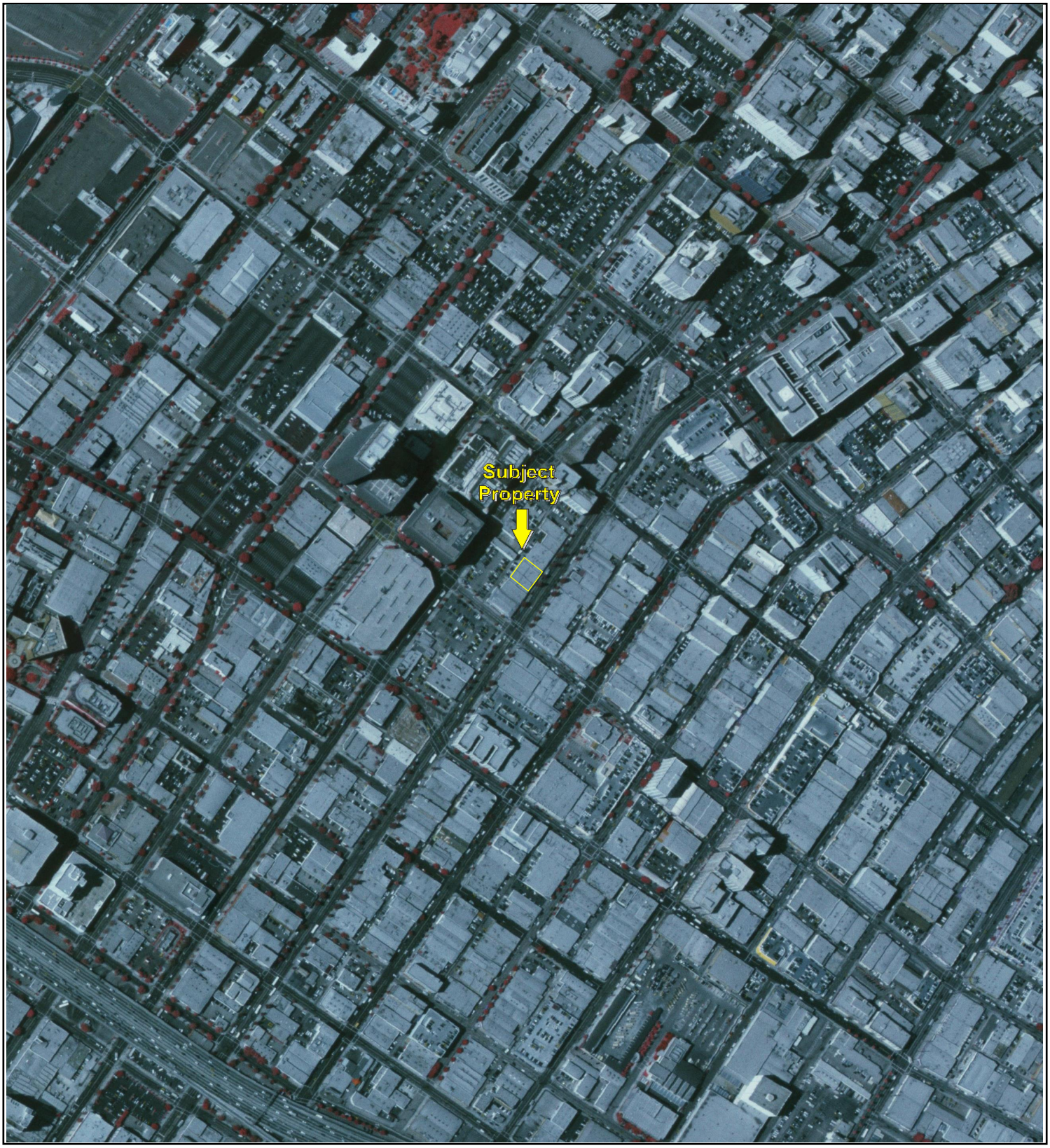
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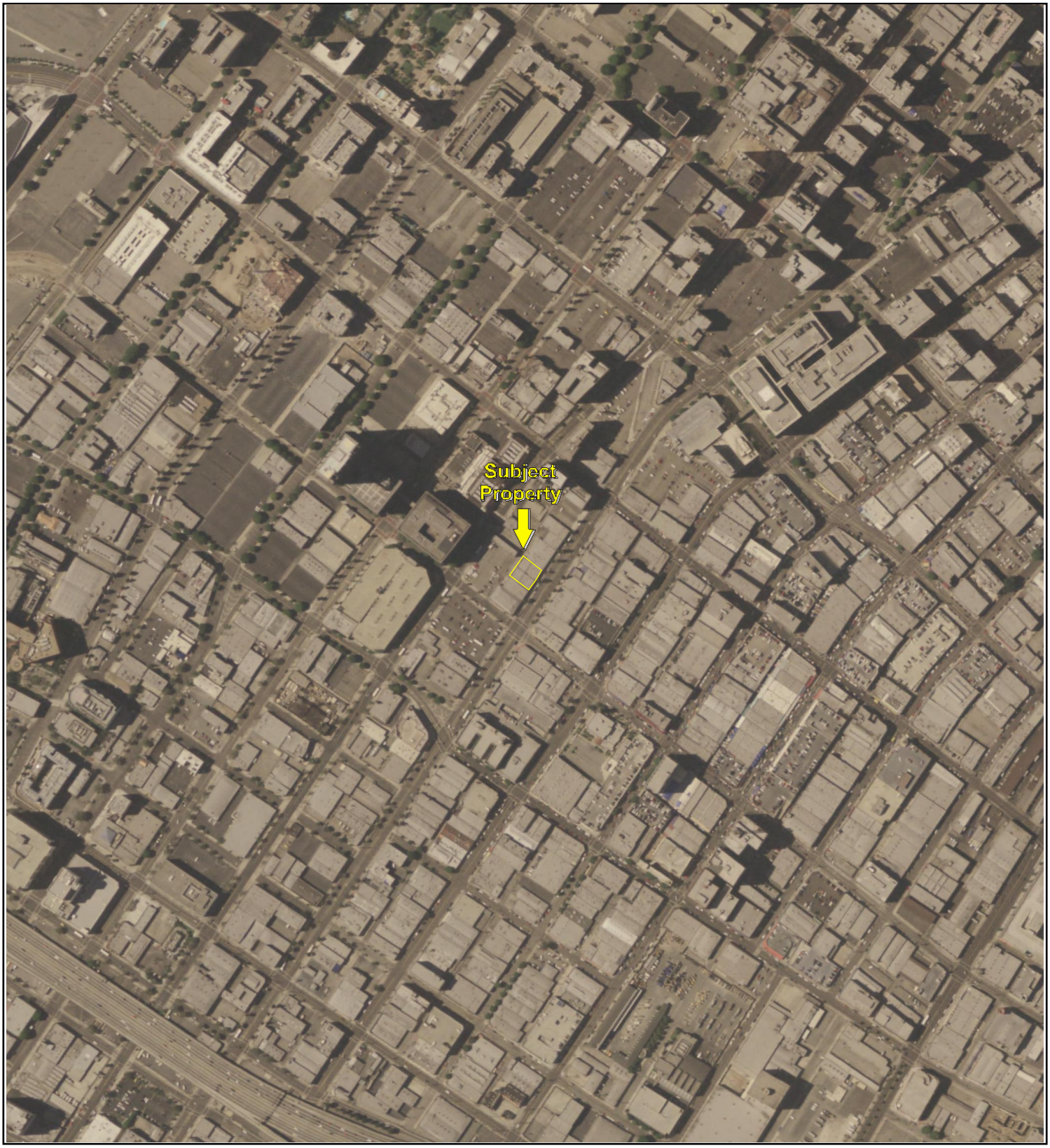
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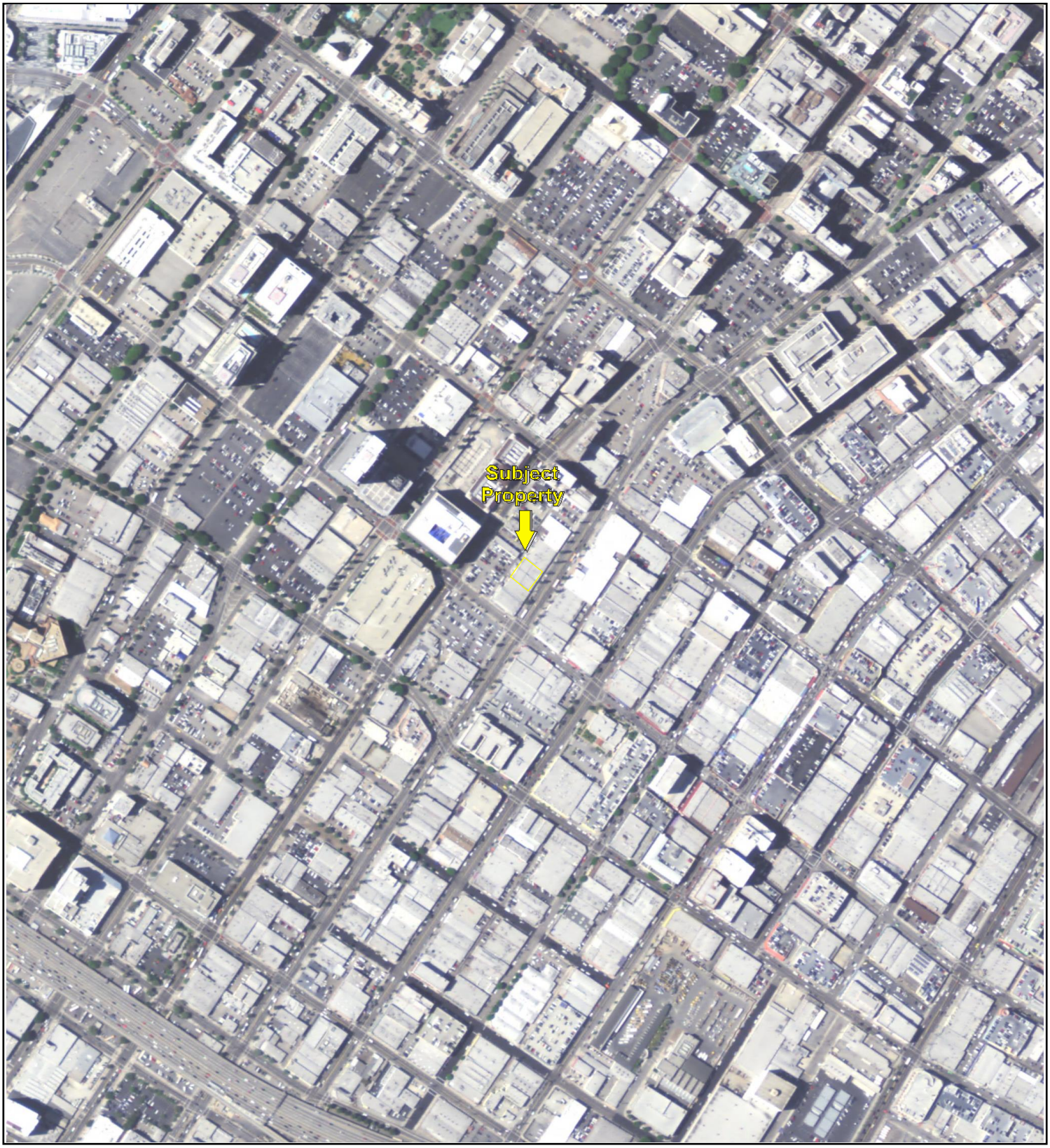
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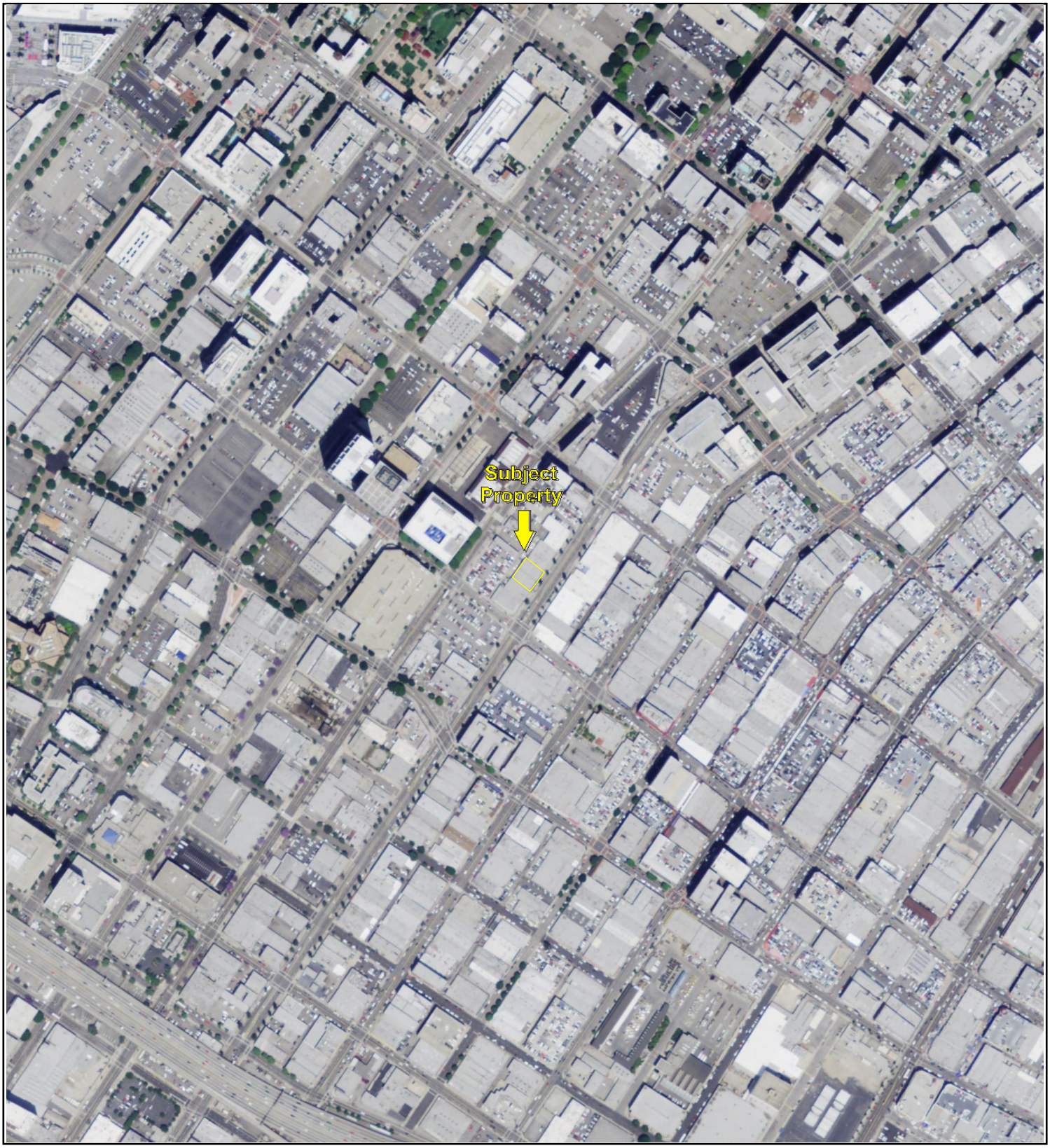
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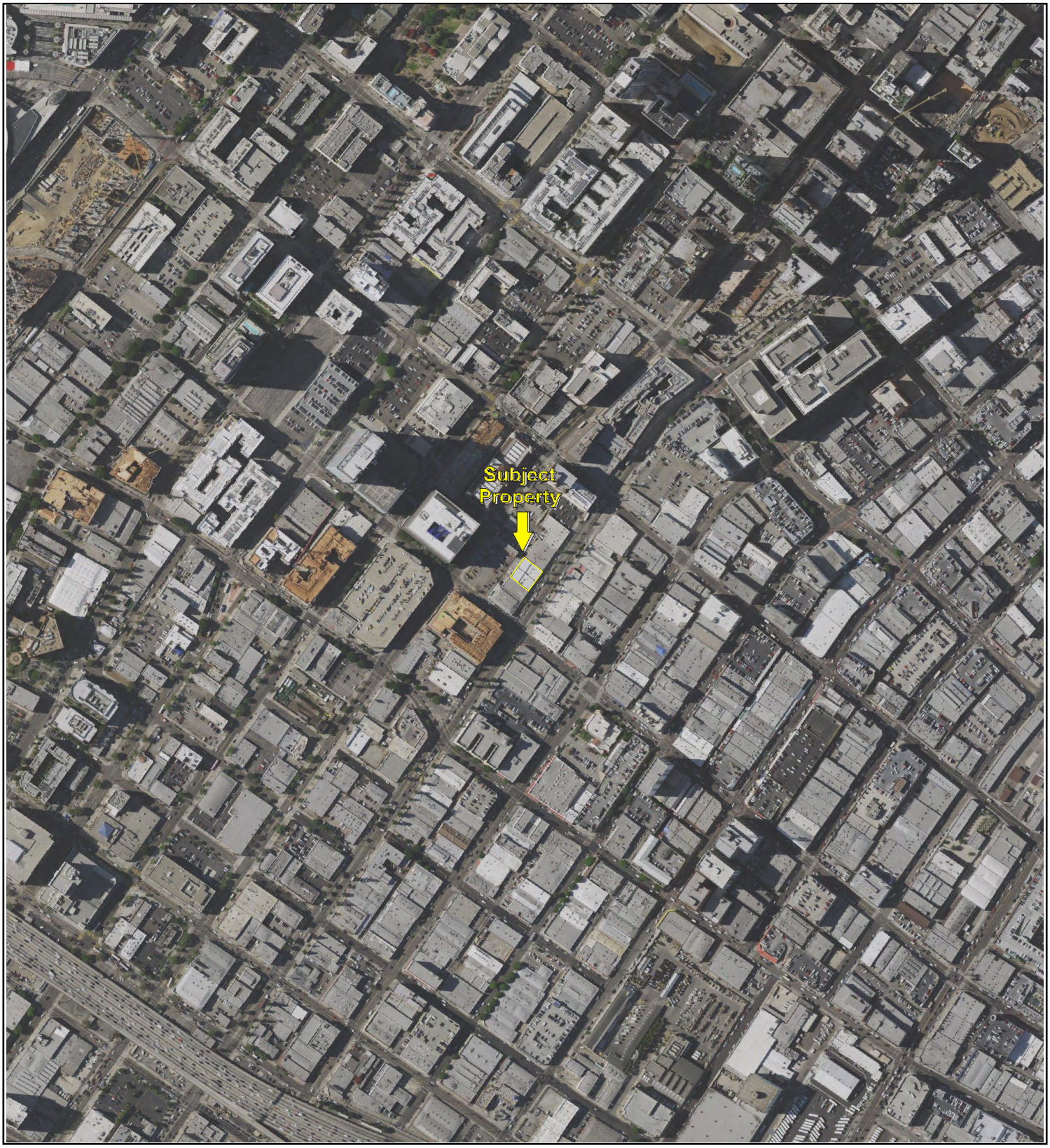
Key: Subject Property



500 1000 2000

N

Key: Subject Property



500 1000 2000

N

Key: Subject Property

1147-1151 S Main

1147-1151 S Main Street

LOS ANGELES, CA 90015

Inquiry Number: 5471372.3

October 31, 2018

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/31/18

Site Name:

1147-1151 S Main
1147-1151 S Main Street
LOS ANGELES, CA 90015
EDR Inquiry # 5471372.3

Client Name:

Partner Engineering and Science, Inc.
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000
Contact: Max Mcbride

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Certified Sanborn Results:

Certification # EC19-4B6C-BCCA

PO # 18-230966.1

Project 18-230966.1

Maps Provided:

1888	1958
1890	1959
1894	1960
1906	1962
1950	1963
1953	1967
1954	1968
1955	1970

Sanborn® Library search results

Certification #: EC19-4B6C-BCCA

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1888 Source Sheets



Volume 1, Sheet 35
1888



Volume 1, Sheet 36
1888

1890 Source Sheets



Volume 2, Sheet 66
1890

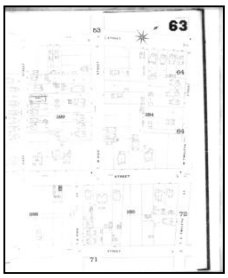
1894 Source Sheets



Volume 2, Sheet 64
1894



Volume 2, Sheet 72
1894



Volume 2, Sheet 63
1894

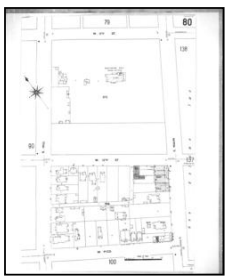
1906 Source Sheets



Volume 2, Sheet 137
1906



Volume 2, Sheet 138
1906



Volume 1, Sheet 80
1906

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1950 Source Sheets



Volume 2, Sheet 137
1950-Jun



Volume 2, Sheet 138
1950-Jun



Volume 2, Sheet 137
1950



Volume 2, Sheet 138
1950



Volume 1, Sheet 80
1950

1953 Source Sheets



Volume 2, Sheet 137
1953



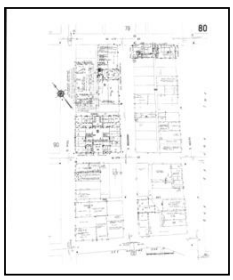
Volume 2, Sheet 138
1953



Volume 2, Sheet 137
1953



Volume 2, Sheet 138
1953



Volume 1, Sheet 80
1953

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1954 Source Sheets



Volume 2, Sheet 137
1954



Volume 2, Sheet 138
1954

1955 Source Sheets



Volume 1, Sheet 80
1955

1958 Source Sheets



Volume 1, Sheet 80
1958

1959 Source Sheets



Volume 2, Sheet 137
1959

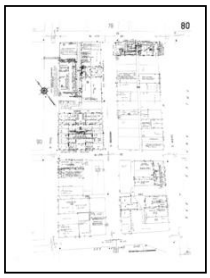


Volume 2, Sheet 138
1959

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1960 Source Sheets



Volume 1, Sheet 80
1960



Volume 2, Sheet 137
1960



Volume 2, Sheet 138
1960

1962 Source Sheets



Volume 1, Sheet 80
1962

1963 Source Sheets



Volume 1, Sheet 80
1963

1967 Source Sheets



Volume 1, Sheet 80
1967



Volume 2, Sheet 137
1967



Volume 2, Sheet 138
1967

Sanborn Sheet Key

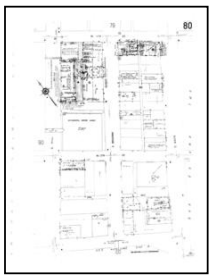
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1968 Source Sheets



Volume 1, Sheet 80
1968

1970 Source Sheets



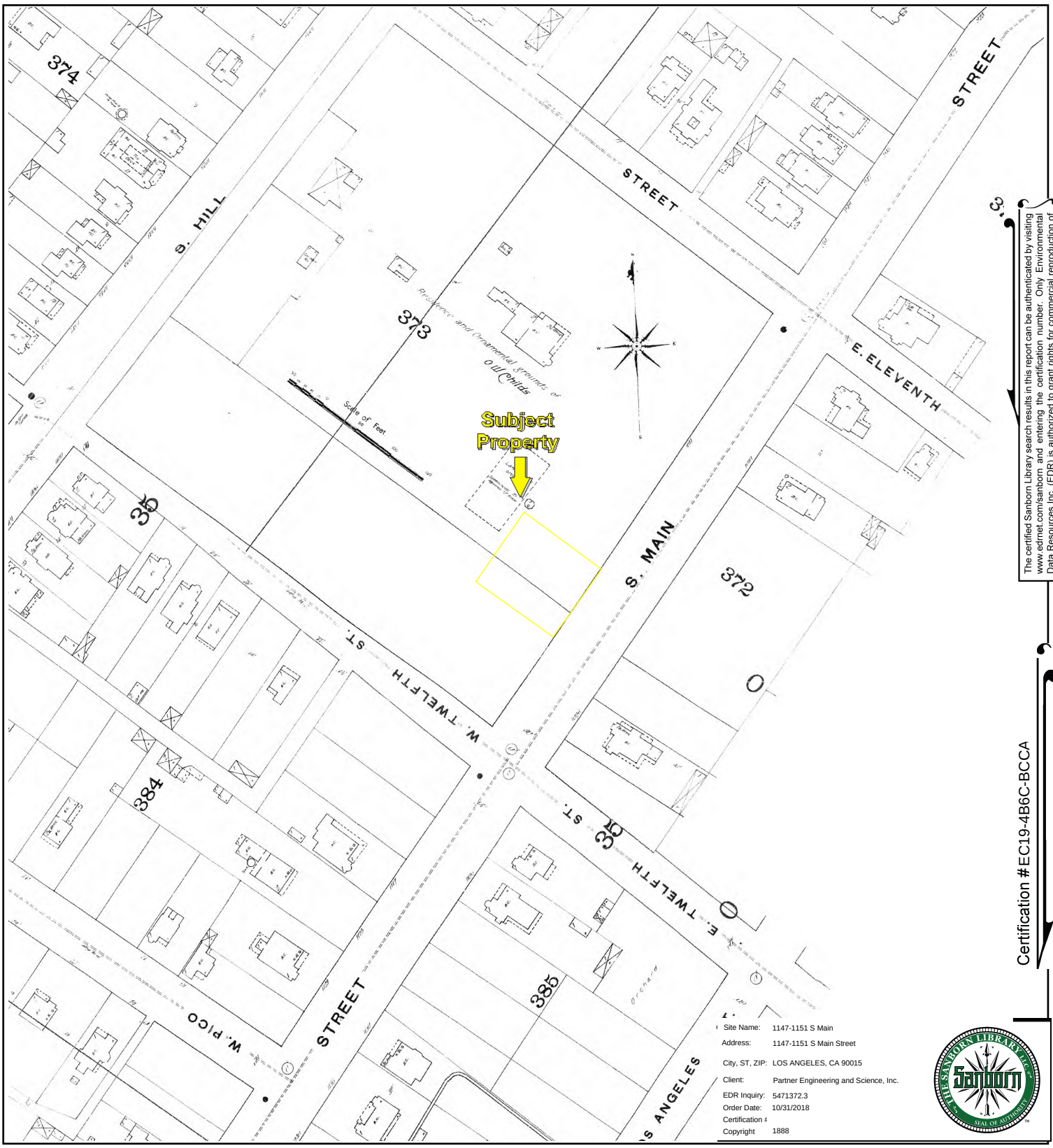
Volume 1, Sheet 80
1970



Volume 2, Sheet 137
1970

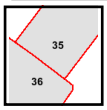


Volume 2, Sheet 138
1970



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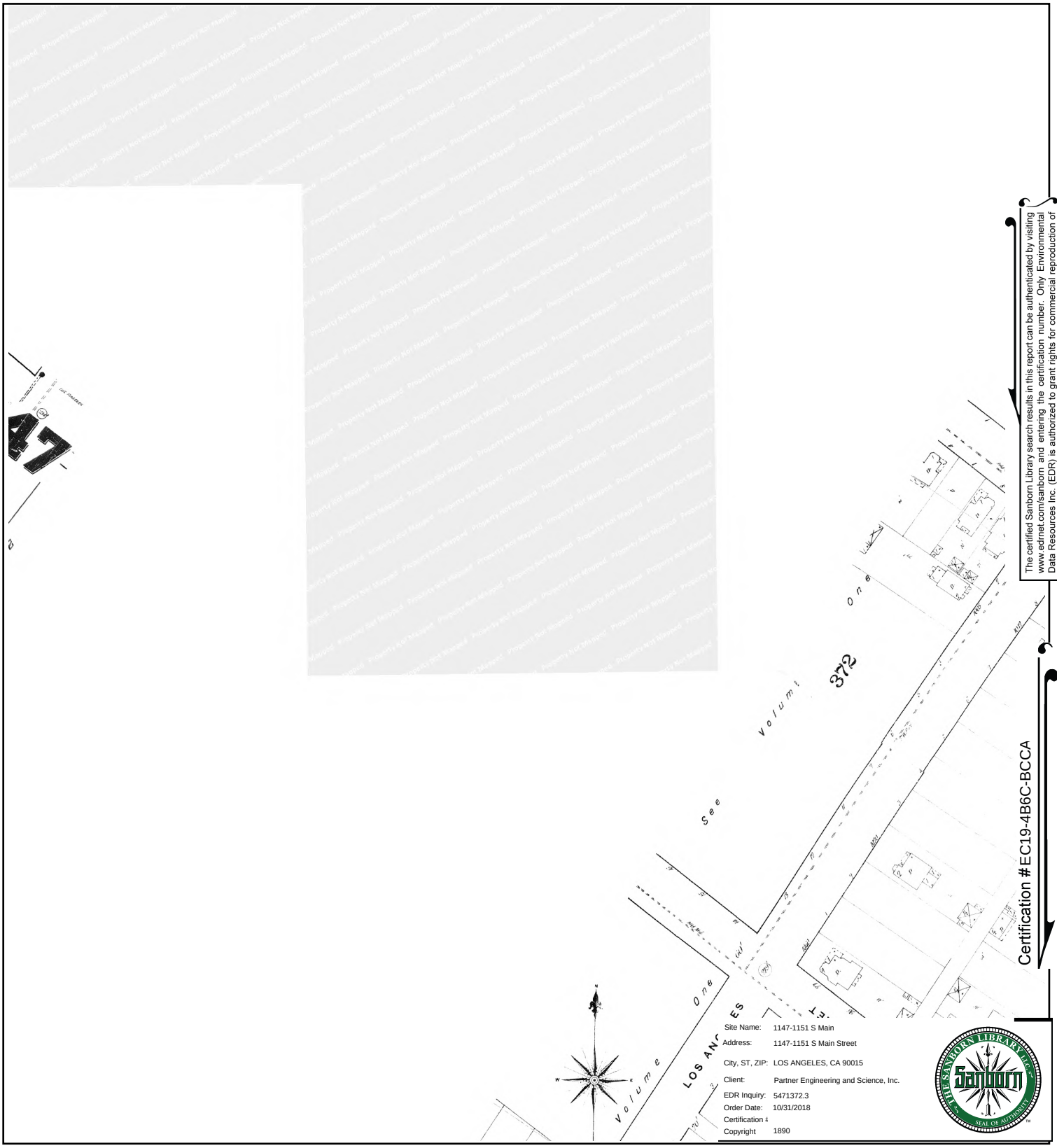
Volume 1, Sheet 36
Volume 1, Sheet 35

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Key: Subject Property

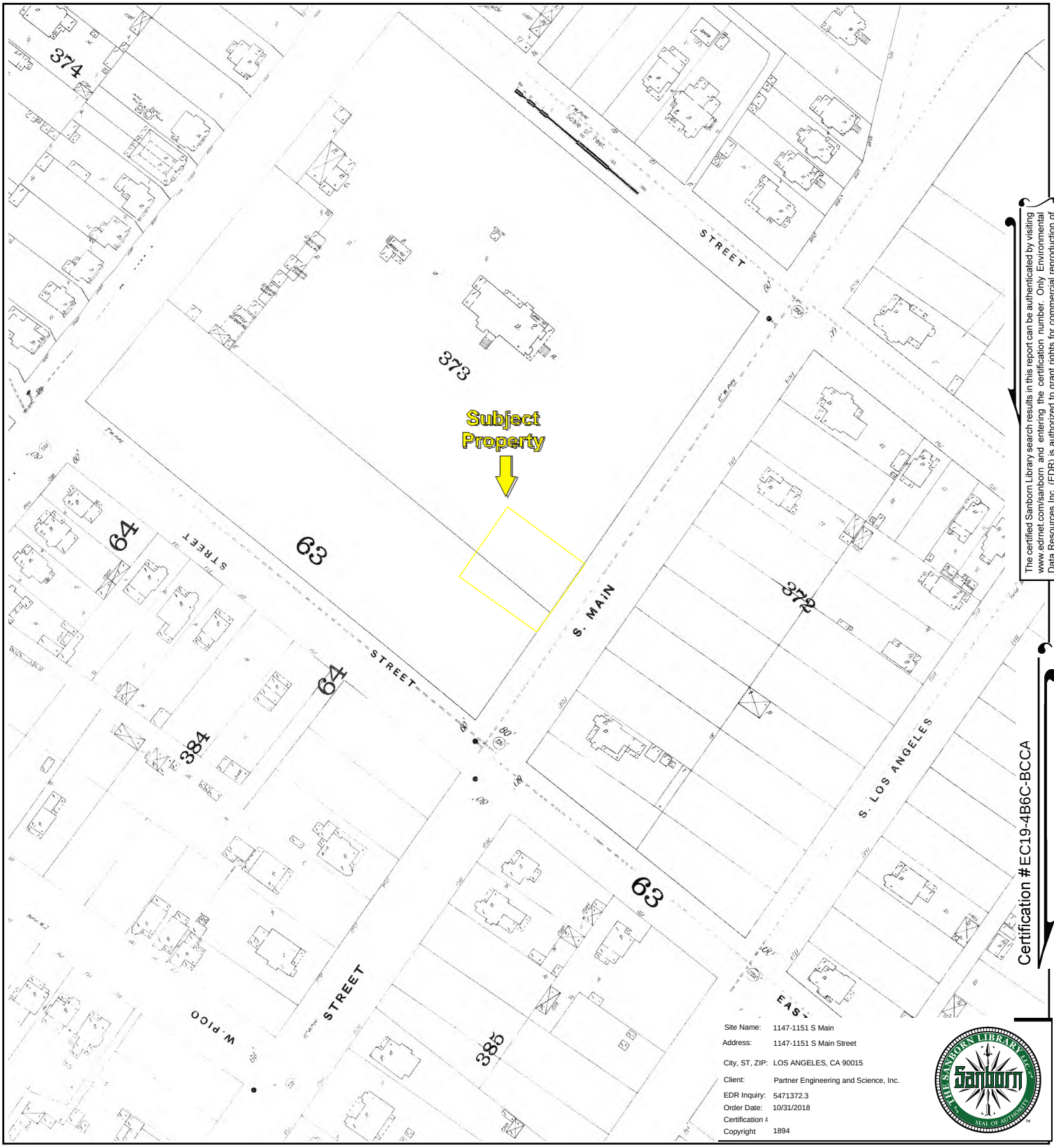
APPENDIX B: Certified Sanborn Maps
Project No. 18-230966.1



Volume 2, Sheet 66

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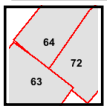
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Certification # EC19-4B6C-BCCA

Site Name:	1147-1151 S Main
Address:	1147-1151 S Main Street
City, ST, ZIP:	LOS ANGELES, CA 90015
Client:	Partner Engineering and Science, Inc.
EDR Inquiry:	5471372.3
Order Date:	10/31/2018
Certification #	
Copyright	1894



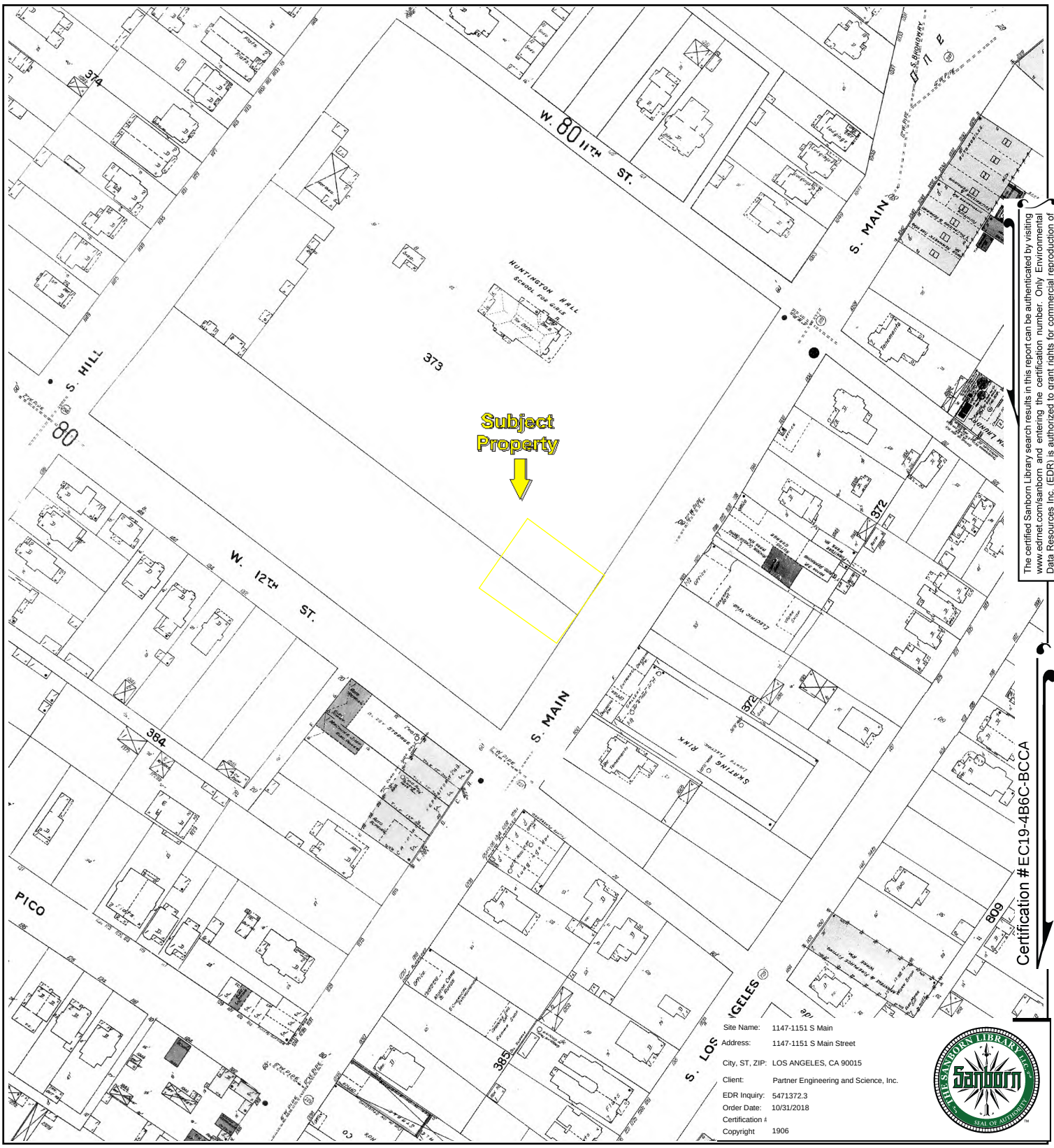
Volume 2, Sheet 63
Volume 2, Sheet 72
Volume 2, Sheet 64

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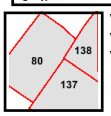
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APPENDIX B: Certified Sanborn Maps
Project No. 18-230966.1



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Certification # EC19-4B6C-BCCA



Volume 1, Sheet 80
Volume 2, Sheet 138
Volume 2, Sheet 137

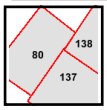
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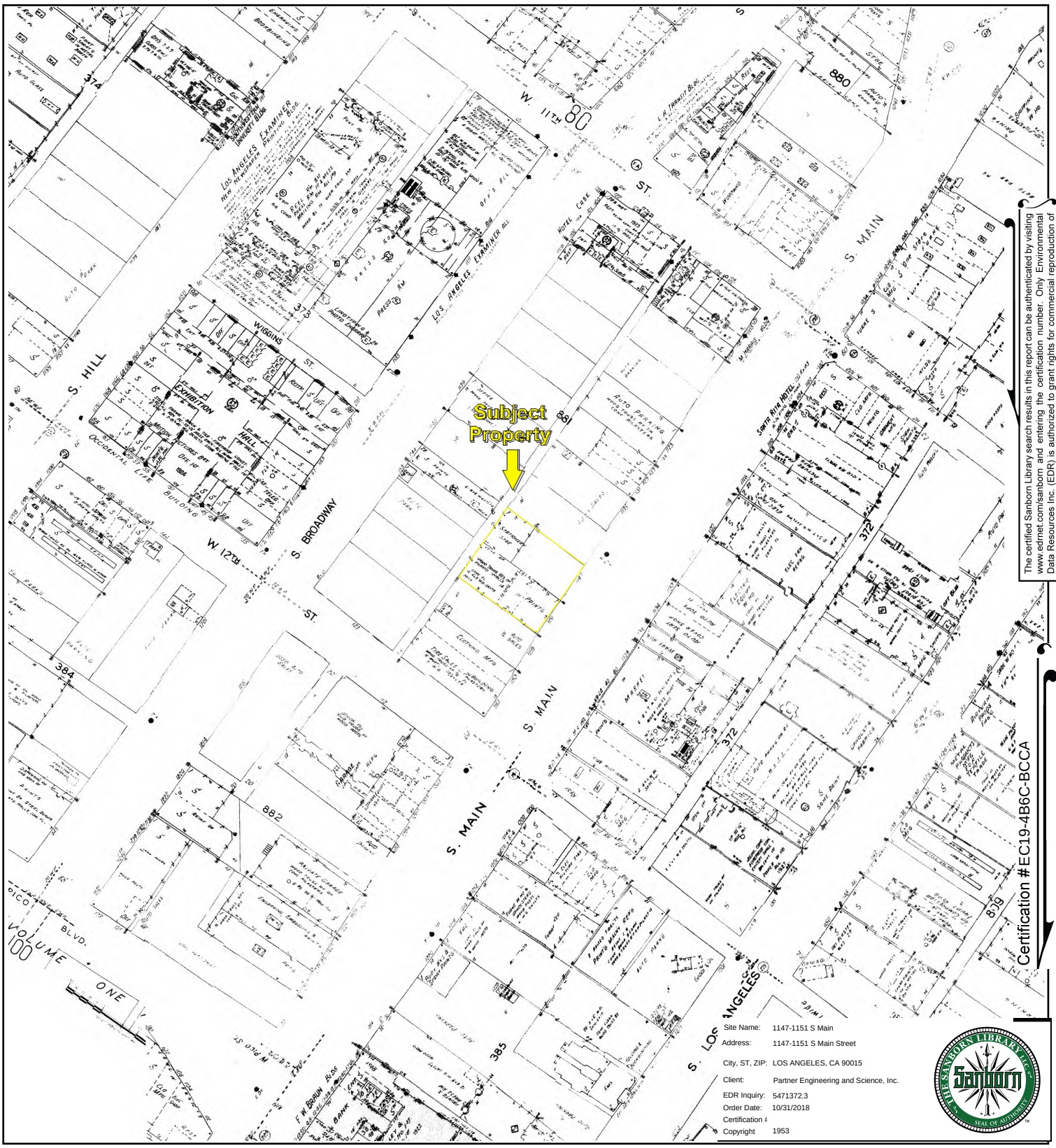
Certification # EC19-4B6C-BCCA



Volume 1, Sheet 80
Volume 2, Sheet 138
Volume 2, Sheet 137
Volume 2, Sheet 138
Volume 2, Sheet 137

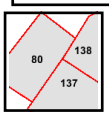
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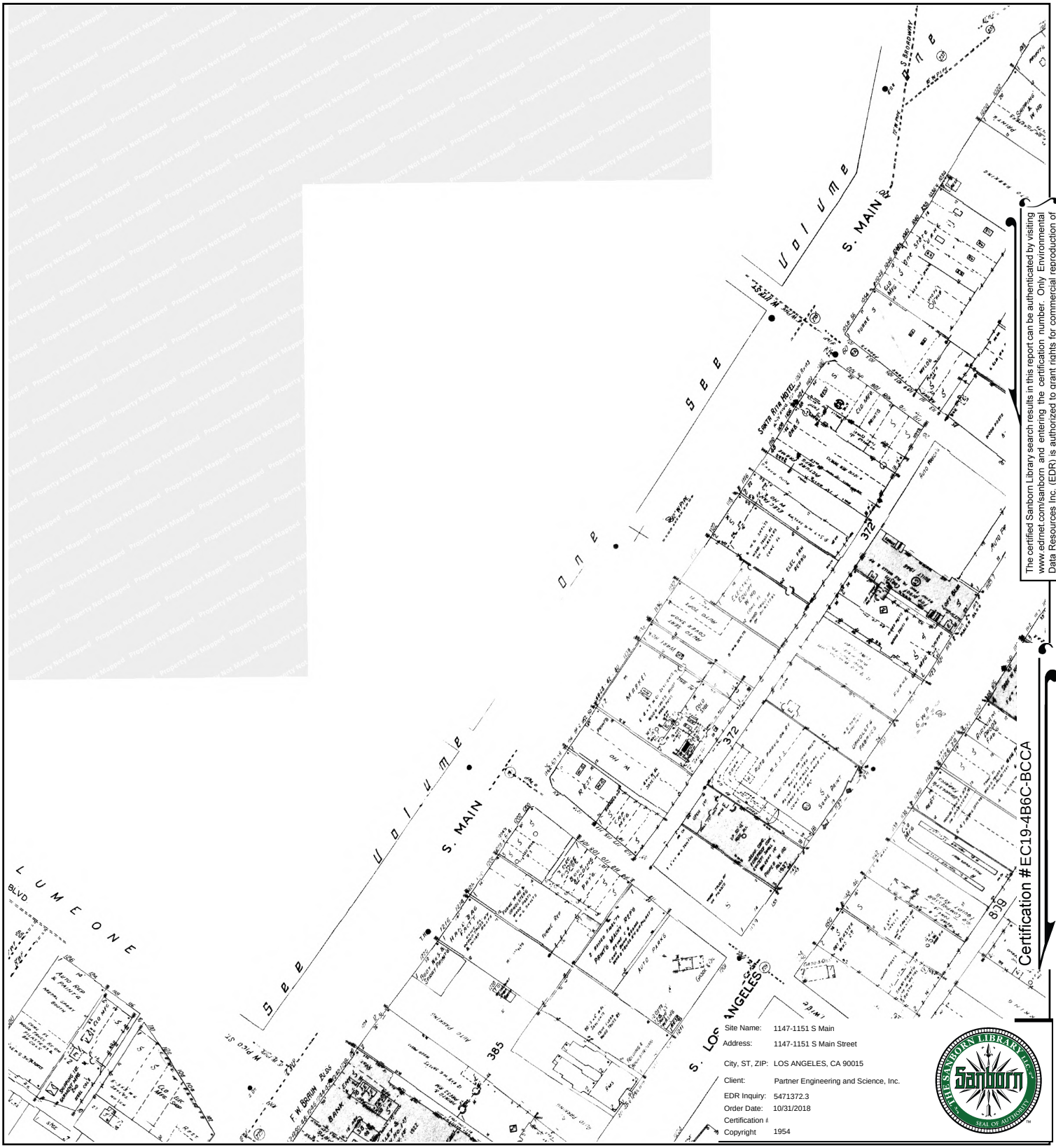
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Volume 1, Sheet 80
Volume 2, Sheet 138
Volume 2, Sheet 137
Volume 2, Sheet 138
Volume 2, Sheet 137

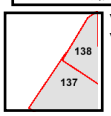
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Key: Subject Property



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Certification # EC19-4B6C-BCCA

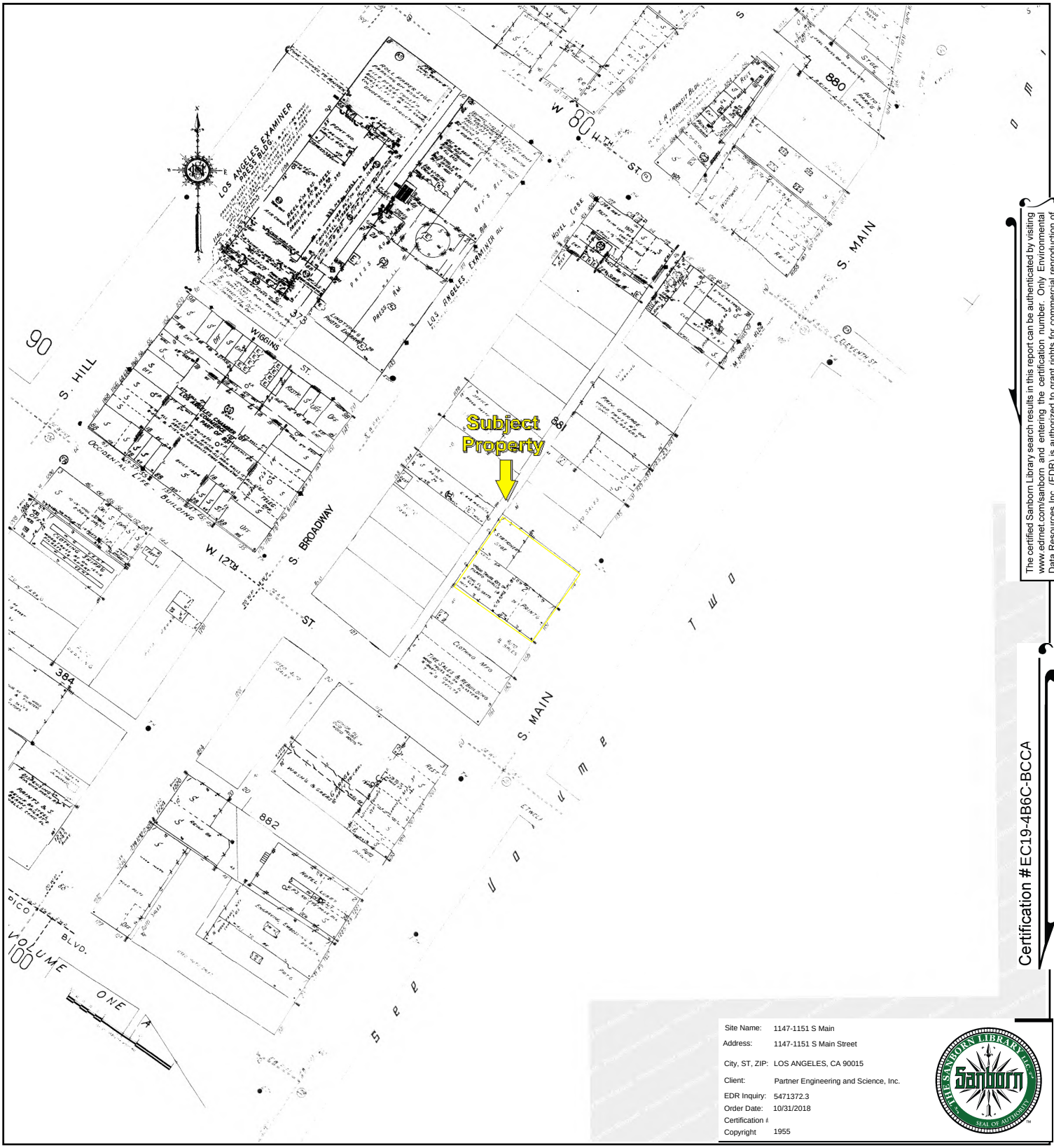


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0 Feet 150 300 600



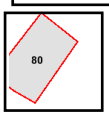
Key: Subject Property



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Certification # EC19-4B6C-BCCA

Site Name:	1147-1151 S Main
Address:	1147-1151 S Main Street
City, ST, ZIP:	LOS ANGELES, CA 90015
Client:	Partner Engineering and Science, Inc.
EDR Inquiry:	5471372.3
Order Date:	10/31/2018
Certification #	
Copyright	1955



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0 Feet 150 300 600

N

Key: Subject Property



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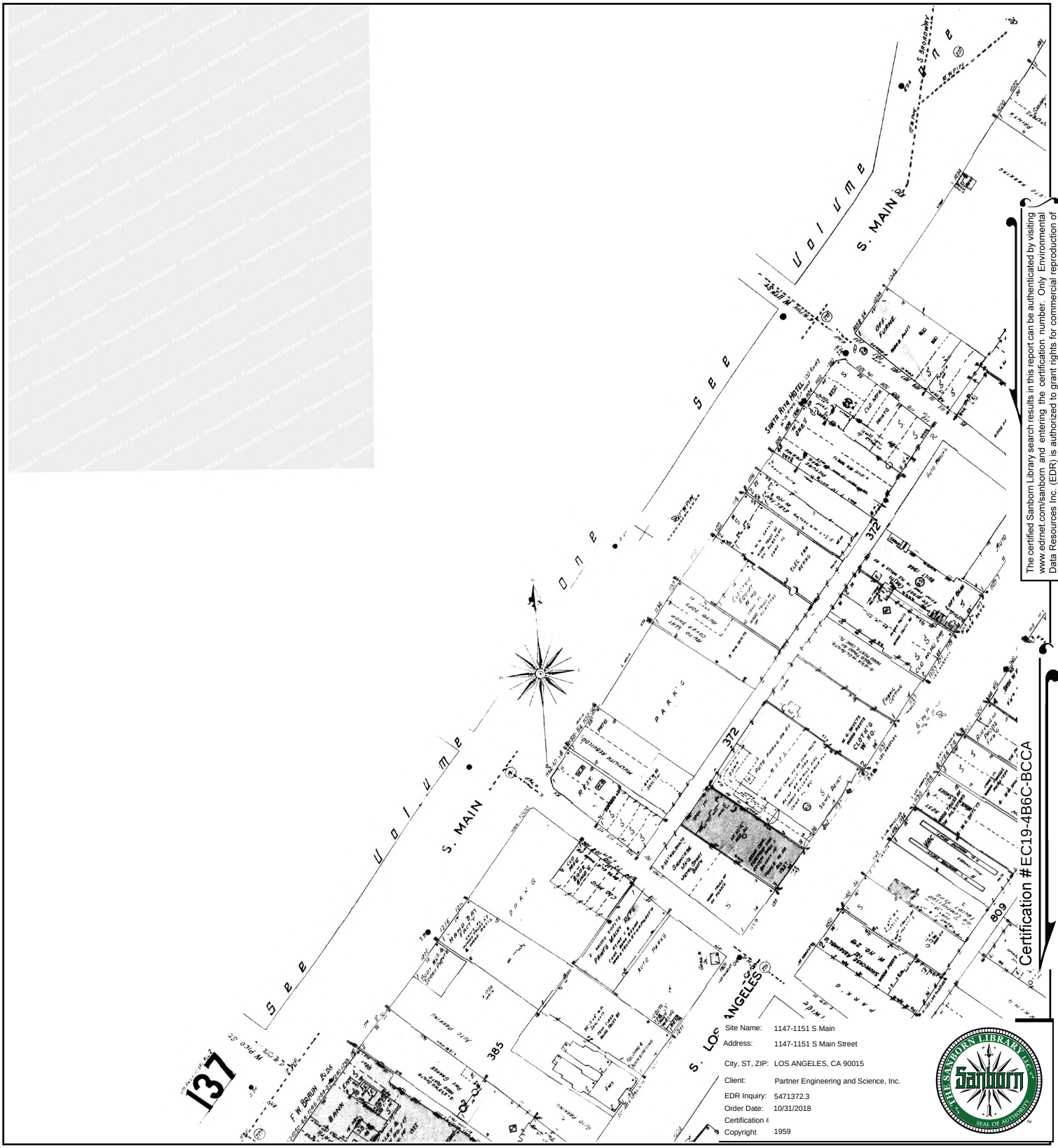
Certification # EC19-4B6C-BCCA

Site Name:	1147-1151 S Main
Address:	1147-1151 S Main Street
City, ST, ZIP:	LOS ANGELES, CA 90015
Client:	Partner Engineering and Science, Inc.
EDR Inquiry:	5471372.3
Order Date:	10/31/2018
Certification #	
Copyright	1958

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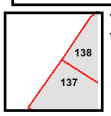
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Key: Subject Property



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Certification # EC19-4B6C-BCCA



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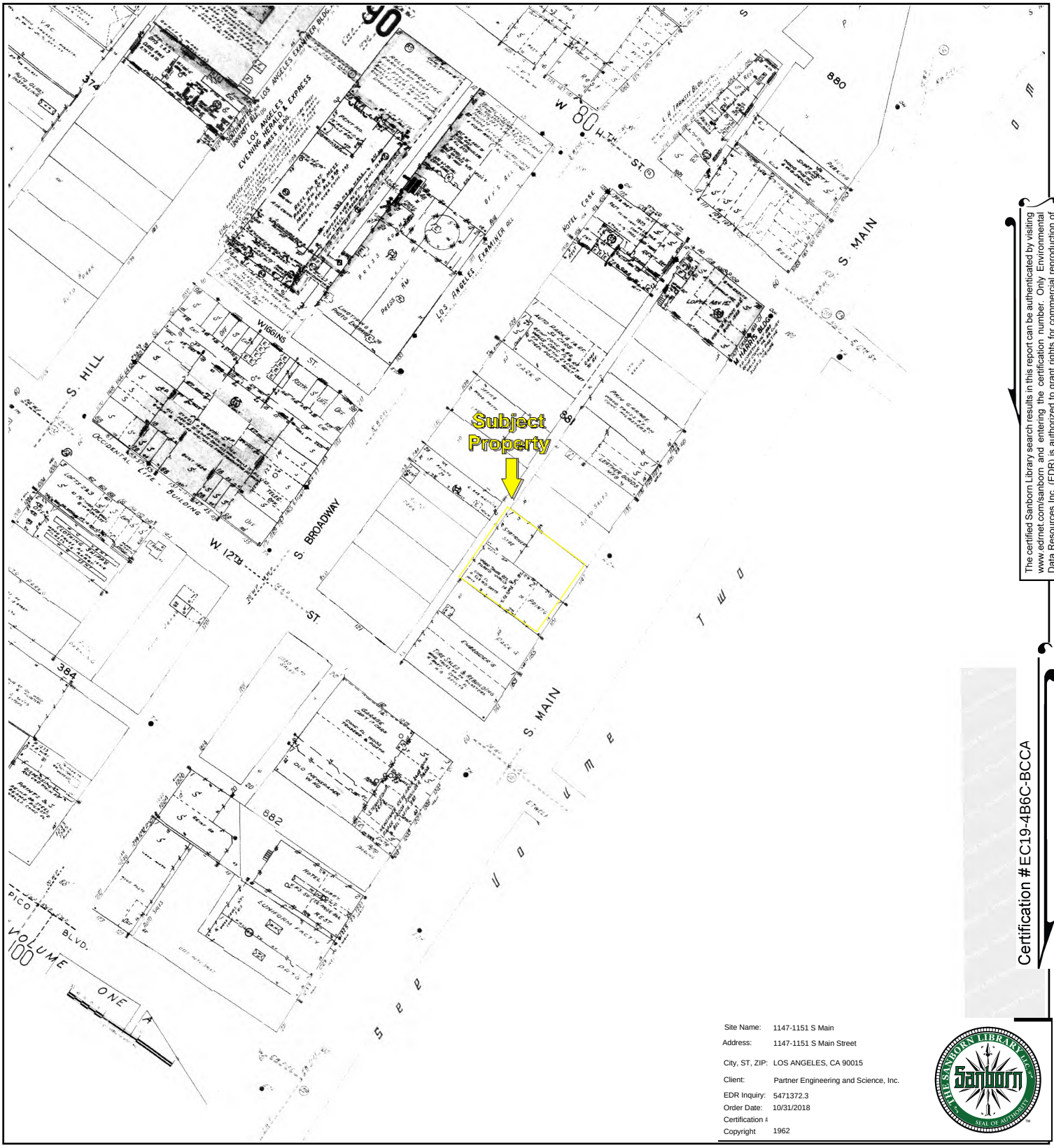
Certification # EC19-4B6C-BCCA

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Key: Subject Property



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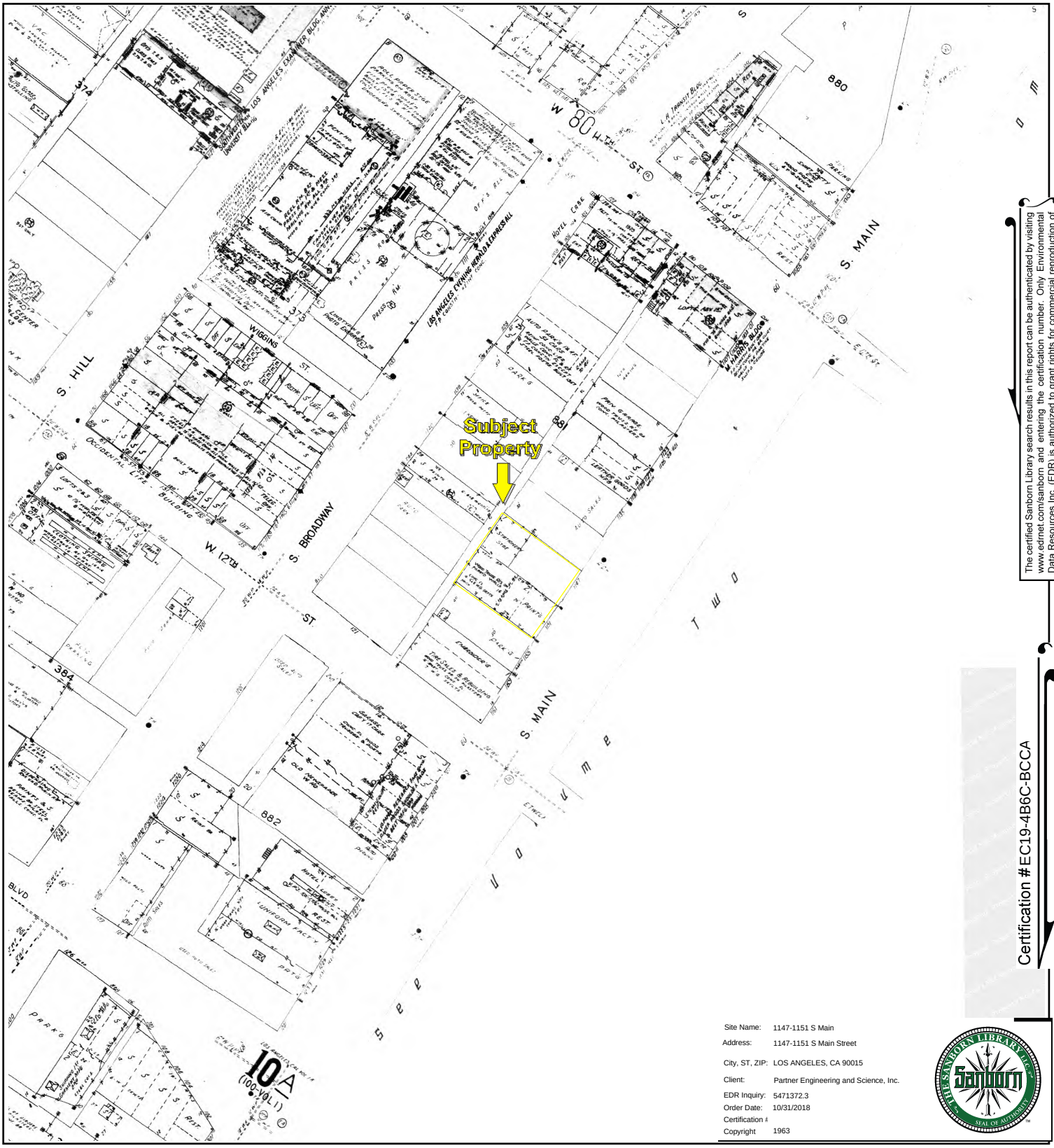
Certification # EC19-4B6C-BCCA

Site Name:	1147-1151 S Main
Address:	1147-1151 S Main Street
City, ST, ZIP:	LOS ANGELES, CA 90015
Client:	Partner Engineering and Science, Inc.
EDR Inquiry:	5471372.3
Order Date:	10/31/2018
Certification #	
Copyright	1962

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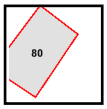
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Certification # EC19-4B6C-BCCA

Site Name:	1147-1151 S Main
Address:	1147-1151 S Main Street
City, ST, ZIP:	LOS ANGELES, CA 90015
Client:	Partner Engineering and Science, Inc.
EDR Inquiry:	5471372.3
Order Date:	10/31/2018
Certification #	
Copyright	1963

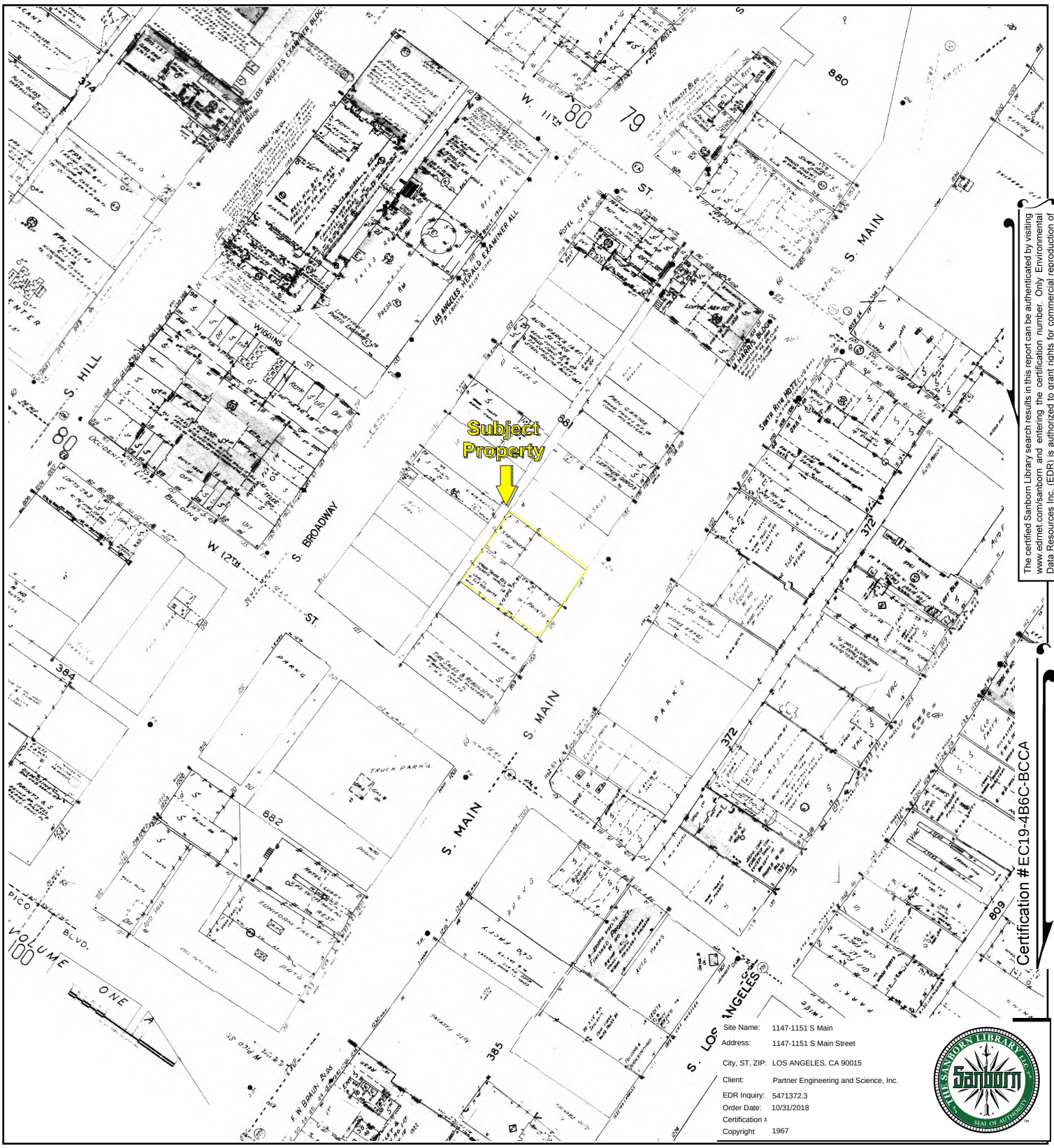


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N

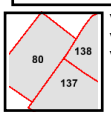
Key: Subject Property



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Certification # EC19-4B6C-BCCA

Site Name:	1147-1151 S Main
Address:	1147-1151 S Main Street
City, ST, ZIP:	LOS ANGELES, CA 90015
Client:	Partner Engineering and Science, Inc.
EDR Inquiry:	5471372.3
Order Date:	10/31/2018
Certification #	
Copyright	1967



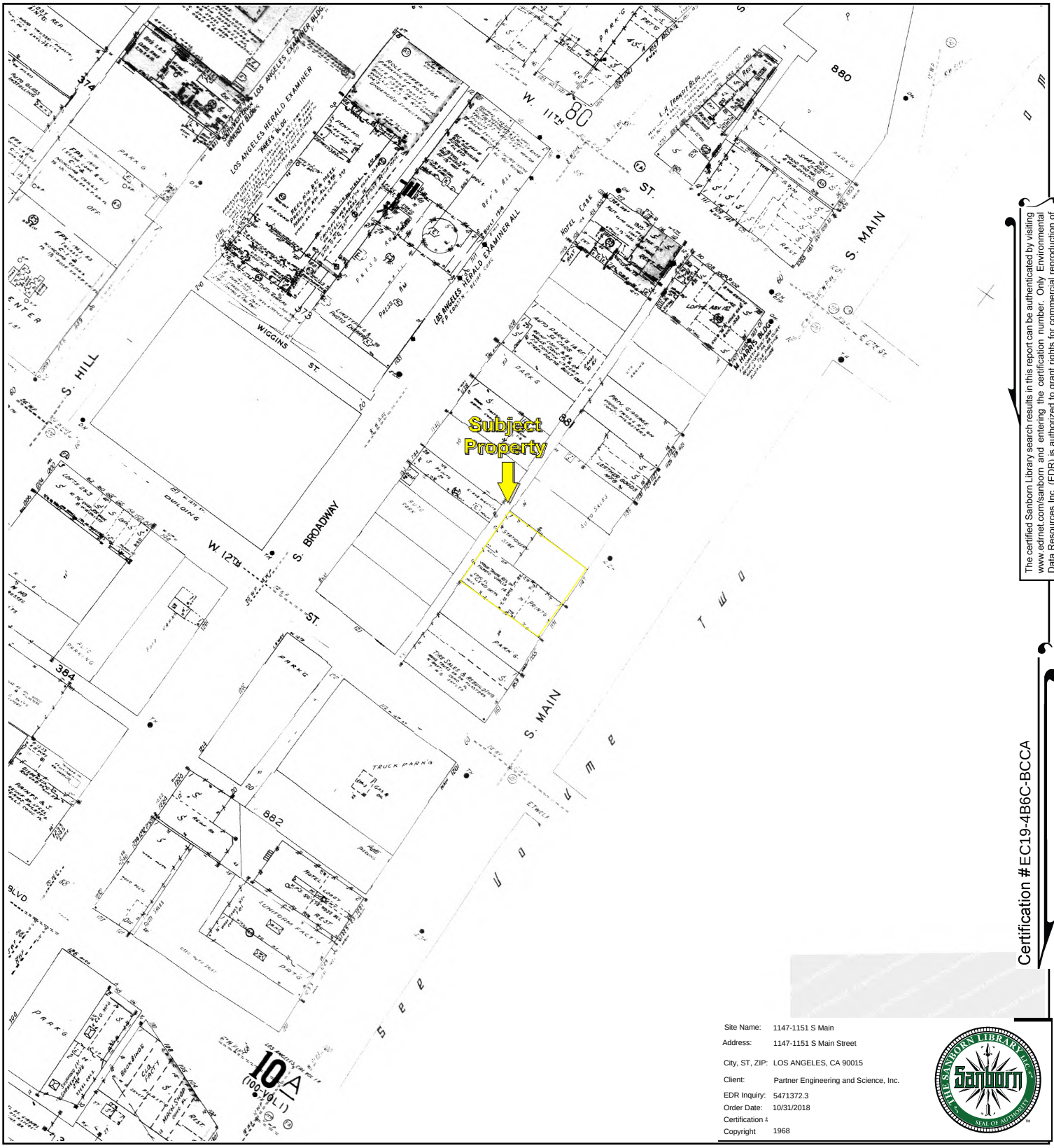
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Volume 2, Sheet 137
Volume 1, Sheet 80

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Key: Subject Property

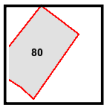
APPENDIX B: Certified Sanborn Maps
Project No. 18-230966.1



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Certification # EC19-4B6C-BCCA

Site Name:	1147-1151 S Main
Address:	1147-1151 S Main Street
City, ST, ZIP:	LOS ANGELES, CA 90015
Client:	Partner Engineering and Science, Inc.
EDR Inquiry:	5471372.3
Order Date:	10/31/2018
Certification #	
Copyright	1968



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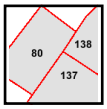
N

Key: Subject Property



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Certification # EC19-4B6C-BCCA



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0 Feet 150 300 600

Key: Subject Property

1147-1151 S Main
1147-1151 S Main Street
LOS ANGELES, CA 90015

Inquiry Number: 5471372.5
November 01, 2018

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

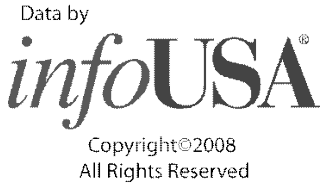
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2006	Haines Company, Inc	-	X	X	-
	Haines Company, Inc	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	Pacific Telephone	-	X	X	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	X	X	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1937	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1147-1151 S Main Street
LOS ANGELES, CA 90015

FINDINGS DETAIL

Target Property research detail.

S MAIN

1147 S MAIN

Year	Uses	Source
1990	JAYCO IMPRTRS	Pacific Bell
	LUCKY INTERNATL TRADING	Pacific Bell
1942	Dewey Ches O Hazel used cars	Los Angeles Directory Co.
1937	Dewey Chas O Hazel C used cars	Los Angeles Directory Co.

S Main St

1147 S Main St

Year	Uses	Source
2014	AF DESIGNS CO INC	EDR Digital Archive
2010	AF DESIGNS CO INC	EDR Digital Archive
	LUCKY INTERNATIONAL TRADING	EDR Digital Archive
	SIGMA U S A JEWELRY INC	EDR Digital Archive

S MAIN ST

1147 S MAIN ST

Year	Uses	Source
2006	LUCKY INTERNATL	Haines Company, Inc
	TRADING	Haines Company, Inc

S Main St

1151 S Main St

Year	Uses	Source
2014	KORUS SALES CO	EDR Digital Archive
2010	JDK 2000 INC	EDR Digital Archive
	KORUS SALES CO	EDR Digital Archive

FINDINGS

Year	Uses	Source
2010	SC 2000 INC	EDR Digital Archive

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BROADWAY S

1120 BROADWAY S

Year	*Uses*	*Source*
2000	SCHALL Donald	Haines & Company

1138 BROADWAY S

Year	*Uses*	*Source*
2000	YOU ME INTERNATL INC	Haines & Company

1144 BROADWAY S

Year	*Uses*	*Source*
2000	LUCKY INTERNATIONAL TRADING	Haines & Company

1149 BROADWAY S

Year	*Uses*	*Source*
2000	BEXHEIMER ERICKSON CORP	Haines & Company
	J & B CARDS & GIFT SHOP	Haines & Company
	TRANSAM INFO SERVS	Haines & Company
	MAXICARE HEALTH PLN	Haines & Company
	MARQUIS EBRAHIMI INSURANCE CO	Haines & Company

1151 BROADWAY S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1158 BROADWAY S

Year	*Uses*	*Source*
2000	PHILS PLACE	Haines & Company

E 11TH

100 E 11TH

Year	*Uses*	*Source*
1990	TRUE LOVE MISSIONARY BAPTIST CHURCH	Pacific Bell

FINDINGS

105 E 11TH

Year	Uses	Source
1990	HANA-MIDAS	Pacific Bell
1937	Karnes Edw J shoe repr	Los Angeles Directory Co.
1933	Friedenthal Ferd Carrie whol tobacco	Los Angeles Directory Co.

106 E 11TH

Year	Uses	Source
1990	MARILYN MFG INC	Pacific Bell
	MARILYN MFG INC	Pacific Bell
1986	INTER GLOBAL TRADING INC	Pacific Bell
1942	SANDERS Elsa clk	Los Angeles Directory Co.
	Nass Fredk G restr	Los Angeles Directory Co.
1937	Mc NAMEE Jos C Mary A restr	Los Angeles Directory Co.
	Askanas Abr L Krasno Store	Los Angeles Directory Co.
1924	UNITED Tent & Awning Co G R Moffet W E Harvey	Los Angeles Directory Co.

107 E 11TH

Year	Uses	Source
1990	FASHION DOVE	Pacific Bell

108 E 11TH

Year	Uses	Source
1986	YH GENERAL MERCHANDISE	Pacific Bell
1981	NATHAN JACK ACRO PRESS PRNTNG	Pacific Telephone
	FARGO PRINTING CO	Pacific Telephone
	EDGAR & NATHAN	Pacific Telephone
	SLATER STATIONERY CO	Pacific Telephone
	ACRO PRESS PRNTNG	Pacific Telephone
1971	Slater Stationery Co	Pacific Telephone
	Nathan Jack Acro Press prntng	Pacific Telephone
	Fargo Printing Co	Pacific Telephone
	Acro Press prntng	Pacific Telephone
	Edgar & Nathan	Pacific Telephone
1962	Acro Press prntng	Pacific Telephone
	Fargo Printng Co	Pacific Telephone
	Slater Stationery Co	Pacific Telephone
	Nathan Jack Acro Press prntng	Pacific Telephone
1942	WESTERN Tobacco Co F A Turner mgr	Los Angeles Directory Co.
1924	KENDALL Frank J tailor	Los Angeles Directory Co.

FINDINGS

109 E 11TH

Year	Uses	Source
1990	A P U INTERNATL	Pacific Bell
1942	Cudebec Harry A Hazel welding equip	Los Angeles Directory Co.
1937	Cudebec Harry Hazel welding equip	Los Angeles Directory Co.
1933	Cudebec Herman A Hnzel welding equip	Los Angeles Directory Co.
1929	Cudebec Herman A Hazel welder	Los Angeles Directory Co.

110 E 11TH

Year	Uses	Source
1990	JADE MERCHANDISE CO	Pacific Bell
1986	JADE MERCHANDISE CO	Pacific Bell
1937	EQUIPMENT EXCHANGE W W Boob Air Compressors for Garage Mining Tire and Paint Work Also Mining Garage and Service Station Equipment New and Used	Los Angeles Directory Co.
1933	EQUIPMENT EXCHANGE W W Boob Air Compressors for Tire and Paint Work Also Tire Vulcanlzing Garage and Service Station Equipment New and Used	Los Angeles Directory Co.
1929	PATTERSON Ernest H vulc	Los Angeles Directory Co.
	EQUIPMENT EXCHANGE W W Boob Air Cormpressors for Tire and Paint Work Paint Guns $500 Up also Tire Vulcanizing Equipment	Los Angeles Directory Co.
1924	Soper John R vulo	Los Angeles Directory Co.

111 E 11TH

Year	Uses	Source
1990	WING S FASHIONS	Pacific Bell
1962	Brown Wm H Co ofc eq	Pacific Telephone
	Brown Co Wm H	Pacific Telephone
	Brown Ofc Equipt Co	Pacific Telephone
	BROWN WM H CO ofc eq	Pacific Telephone
1942	WHITE Thos W Mae plmbr	Los Angeles Directory Co.
1937	WHITE Thos W Mae plmbr	Los Angeles Directory Co.
1933	Lindquist Arth Ethel exj	Los Angeles Directory Co.
	WHITE Thos W plmbr	Los Angeles Directory Co.
1929	WHITE Thos W plmbr	Los Angeles Directory Co.

112 E 11TH

Year	Uses	Source
1990	SHOES PLAZA	Pacific Bell
1986	G M G CORP	Pacific Bell

FINDINGS

Year	Uses	Source
1986	CHARLEYCA INC	Pacific Bell
1962	QUALITY MERCHANDISE DIST	Pacific Telephone
1942	KEARNS Jack Nanon B ofc equip	Los Angeles Directory Co.
1937	Choy Edw tooth brush mfr	Los Angeles Directory Co.
1933	WILLIAMS Elias J printer	Los Angeles Directory Co.
1929	WILLIAMS Printing Co E J Williams	Los Angeles Directory Co.
1924	AMERICAN Electric Co C V Walter avd Edwd Roemor	Los Angeles Directory Co.

113 E 11TH

Year	Uses	Source
1990	RIRA FASHIONS	Pacific Bell
1942	Ostrin & Schantz Herman Ostrin Saml Schantz auctioneers	Los Angeles Directory Co.
1937	Friedenthal Ford Carrie whol tobacco	Los Angeles Directory Co.
1933	Kayer Mary restr	Los Angeles Directory Co.
1929	Mulry Thos A mfrs agts	Los Angeles Directory Co.

115 E 11TH

Year	Uses	Source
1990	KENSON FASHION	Pacific Bell
1929	AMERICAN PAD CO INC M J Mayoroff Pres Bernhard Hellpern Sec Treas Mfrs of Linen Canvas and Hymo Coat Fronts Blas Binding of Every Description Pant Curtains Made From Stoc	Los Angeles Directory Co.

117 E 11TH

Year	Uses	Source
1990	JOLIE FASHION	Pacific Bell

120 E 11TH

Year	Uses	Source
1990	JOLLY CASUAL MART	Pacific Bell
1986	DKC INTERNATIONAL CORP	Pacific Bell
1937	LAWRENCE Dorothy M	Los Angeles Directory Co.
1929	Sheibe Walter A brasswkr r	Los Angeles Directory Co.
	LAWRENCE Frances M tailor	Los Angeles Directory Co.

122 E 11TH

Year	Uses	Source
1990	COLLECTION BY DESIGNS	Pacific Bell

FINDINGS

124 E 11TH

Year	Uses	Source
1990	FASHION FOUR SEASONS	Pacific Bell
1986	LEE K FASHION	Pacific Bell
1981	BIG BANANA	Pacific Telephone
1942	La Barge John I Adaline	Los Angeles Directory Co.

125 E 11TH

Year	Uses	Source
1990	EAST WEST FASHION	Pacific Bell

126 E 11TH

Year	Uses	Source
1990	CHARMING FASHIONS	Pacific Bell

127 E 11TH

Year	Uses	Source
1990	YOUNG TEMPO	Pacific Bell
1937	Corder J W Alice bkbndr	Los Angeles Directory Co.
1933	KATZ & Grossman E A Katz Jacob Grossman womens clo mfrs	Los Angeles Directory Co.

128 E 11TH

Year	Uses	Source
1990	VENUS OF CALIF	Pacific Bell

E 11th St

105 E 11th St

Year	Uses	Source
2010	RUILALA ACCESSORIES INC	EDR Digital Archive

106 E 11th St

Year	Uses	Source
2014	CHANDELLE	EDR Digital Archive
2010	CHANDELLE	EDR Digital Archive

E 11TH ST

106 E 11TH ST

Year	Uses	Source
2006	CHANDELLE	Haines Company, Inc

Year	Uses	Source
1958	Goldas Linen Mfg Co	Pacific Telephone

E 11th St

107 E 11th St

Year	Uses	Source
2014	HALO HANDBAGS INC	EDR Digital Archive
2010	VIVANS BEAUTY SUPPLIES	EDR Digital Archive

108 E 11th St

Year	Uses	Source
2014	HDBG GROUP INC	EDR Digital Archive
2010	JUST 1 TRADING CO	EDR Digital Archive

E 11TH ST

108 E 11TH ST

Year	Uses	Source
2006	HARMONYHAND	Haines Company, Inc
1967	Fargo Printng Co	Pacific Telephone
	Nathan Jack Acro Press prntng	Pacific Telephone
	Acro Press prntng	Pacific Telephone
	Edgar & Nathan	Pacific Telephone
1958	Acro Press prntng	Pacific Telephone
	Fargo Printng Co	Pacific Telephone
	Nathan Jack Acro Psess prntng	Pacific Telephone
	Slater Stationery Co	Pacific Telephone

E 11th St

109 E 11th St

Year	Uses	Source
2014	EURO ACCENT	EDR Digital Archive
	MAIN ELEVEN USA	EDR Digital Archive
2010	YH FOREVER INC	EDR Digital Archive

E 11TH ST

109 E 11TH ST

Year	Uses	Source
2006	ASA HANDBAGS INC	Haines Company, Inc

Year	Uses	Source
2006	ASA HANDBAGS INC	Haines Company, Inc

110 E 11TH ST

Year	Uses	Source
2006	JUSTI TRADING CO	Haines Company, Inc

E 11th St

111 E 11th St

Year	Uses	Source
2010	CREATIVE PRODUCTS	EDR Digital Archive
	MELIE BIANCO ACCESSORIES INC	EDR Digital Archive

E 11TH ST

111 E 11TH ST

Year	Uses	Source
2006	ACCESSORIES INC	Haines Company, Inc
	MEUEBIANCO	Haines Company, Inc

E 11th St

112 E 11th St

Year	Uses	Source
2014	EMJ FASHION CORP	EDR Digital Archive
	SWEAT SPORTS INC	EDR Digital Archive
	J & J SPACE INC	EDR Digital Archive
2010	SWEAT SPORTS INC	EDR Digital Archive
	SOCCER EQUIPMENT SHOP	EDR Digital Archive
	VENTURE SPORTS AMERICA	EDR Digital Archive

E 11TH ST

112 E 11TH ST

Year	Uses	Source
2006	HOSS	Haines Company, Inc
	INTERNATIONAL INC	Haines Company, Inc
1967	Quality Merchandise Dist Inc	Pacific Telephone

FINDINGS

E 11th St

113 E 11th St

Year	Uses	Source
2014	OH MICHAEL	EDR Digital Archive
	VALOJUSHA CORP	EDR Digital Archive
2010	VALOJUSHA CORP	EDR Digital Archive
	OH MICHAEL	EDR Digital Archive

E 11TH ST

115 E 11TH ST

Year	Uses	Source
2006	VICTORIA JEWELRY	Haines Company, Inc
	DESIGN CO	Haines Company, Inc

117 E 11TH ST

Year	Uses	Source
2006	UWONDA	Haines Company, Inc
	CHILDRENS WEAR	Haines Company, Inc

E 11th St

120 E 11th St

Year	Uses	Source
2014	NEYS PERFUMES	EDR Digital Archive
	M AND S HANDBAGS	EDR Digital Archive
2010	NEYS PERFUMES	EDR Digital Archive

E 11TH ST

120 E 11TH ST

Year	Uses	Source
2006	NEYS PERFUMES	Haines Company, Inc
	INSURANCE&NEYS	Haines Company, Inc
	BOUND	Haines Company, Inc
	OFFICE	Haines Company, Inc

FINDINGS

E 11th St

122 E 11th St

Year	Uses	Source
2014	SUNK CARDS	EDR Digital Archive
	PERFUMES NEYS SERVICE INC	EDR Digital Archive
2010	SUNK CARDS	EDR Digital Archive

E 11TH ST

122 E 11TH ST

Year	Uses	Source
2006	SUNK CARDS	Haines Company, Inc

124 E 11TH ST

Year	Uses	Source
2006	FASHION	Haines Company, Inc

214 E 11TH ST

Year	Uses	Source
1980	INDUSTRIAL SEWING MACHINE CO E 11TH ST LOS ANGELES	Pacific Telephone

122 1/2 E 11TH ST

Year	Uses	Source
1985	TERRELL ELLA C	Pacific Bell

E 12TH

100 E 12TH

Year	Uses	Source
1990	CENTURY & CO	Pacific Bell

102 E 12TH

Year	Uses	Source
1990	PARADISE LINGERIE INC	Pacific Bell
	SUNNY FASHION	Pacific Bell

102 1/2 E 12TH

Year	Uses	Source
1986	JAY CO CO	Pacific Bell

FINDINGS

E 12TH ST

102 E 12TH ST

Year	Uses	Source
2006	BEN K USA CORP	Haines Company, Inc

104 E 12TH ST

Year	Uses	Source
2006	YNM	Haines Company, Inc

S BROADWAY

1112 S BROADWAY

Year	Uses	Source
1929	Commercial Auto Parking L M Miltenberger Orvil Jones	Los Angeles Directory Co.

1115 S BROADWAY

Year	Uses	Source
1942	Gehres Roy D Mary carp	Los Angeles Directory Co.

1116 S BROADWAY

Year	Uses	Source
1933	Cabrillo Auto Park Benj Hildreth mgr	Los Angeles Directory Co.
1924	SCHMITZ & Bowers C A Schmitz G F Bowers used cars	Los Angeles Directory Co.

1119 S BROADWAY

Year	Uses	Source
1962	Scott Johnnie Lee	Pacific Telephone

1120 S BROADWAY

Year	Uses	Source
1971	Continental Liquor Store	Pacific Telephone
1967	Continental Liquor Store	Pacific Telephone
1962	Continental Liquor Store	Pacific Telephone

1123 S BROADWAY

Year	Uses	Source
1929	HUNTER STANLEY M Helen Osteopathic Physician and Specialist Eye Ear Nose and Throat	Los Angeles Directory Co.

FINDINGS

1124 S BROADWAY

Year	Uses	Source
1929	WILLIAMS Noel E Della clk h	Los Angeles Directory Co.
1924	Swetman Jos V used cars	Los Angeles Directory Co.

1131 S BROADWAY

Year	Uses	Source
1933	Mc ALISTER Harold inv	Los Angeles Directory Co.
	Department of Agriculture Division of Weights and Measures Upholstered Furniture Bedding and Oil Inspection H M Zeiger supervising inspecter	Los Angeles Directory Co.
1929	CAMPBELL J P IRRIGATION CO Paul R Cowles Hazel Keith Campbell Overhead Irrigation Engineers and Construction	Los Angeles Directory Co.
	COWLES ORGANIZATION Paul R Cowles Consulting Supervising and Construction Englneers Suite	Los Angeles Directory Co.
	COWLES PAUL R Cowles Organization Suite	Los Angeles Directory Co.

1133 S BROADWAY

Year	Uses	Source
1942	Flournoy Gamble W Florence shoe shiner	Los Angeles Directory Co.
	HARDY Mabel L Mrs cigars	Los Angeles Directory Co.
1937	Tamns Edw shoe shiner	Los Angeles Directory Co.
	Wasserman Jos O soft drinks	Los Angeles Directory Co.

1135 S BROADWAY

Year	Uses	Source
1929	BARNHART BANDY BARGER Chas A Barnhart Walter J Barnhart Arthur J Bandy hartley B Barger Oil Properties	Los Angeles Directory Co.

1136 S BROADWAY

Year	Uses	Source
1937	Samaha Abr Amelia auto park	Los Angeles Directory Co.

1137 S BROADWAY

Year	Uses	Source
1924	PRINCE Geo M r	Los Angeles Directory Co.

FINDINGS

S Broadway

1138 S Broadway

Year	Uses	Source
2014	A 1 WIRELESS DISTRIBUTOR INC	EDR Digital Archive
2010	A 1 WIRELESS DISTRIBUTOR INC	EDR Digital Archive
	CENERGIA	EDR Digital Archive

S BROADWAY

1138 S BROADWAY

Year	Uses	Source
1981	FEIT ELECTRIC CO	Pacific Telephone
	EVERGLOW MFG CO	Pacific Telephone
	EVERGLOW MANUFACTURING CO	Pacific Telephone
1971	Kids World discount chldrns apprl	Pacific Telephone
1962	Batzli Electric Co	Pacific Telephone
1960	MCCARTHY REAL ESTATE MCCARTHY COMPANY THE	Pacific Telephone
	MCCARTHY CO THE RL EST MAIN OFC	Pacific Telephone
1958	MCCARTHY REAL ESTATE MCCARTHY CO THE	Pacific Telephone
1957	MC CARTHY COMPANY THE RL EST	Pacific Telephone
	MCCARTHY REAL ESTATE MCCARTHY COMPANY THE	Pacific Telephone
1956	MCCARTHY REAL ESTATE MC CARTHY COMPANY THE	Pacific Telephone
	MCCARTHY COMPANY THE RL EST	Pacific Telephone
1954	MCCARTHY REAL ESTATE MCCARTHY COMPANY THE	R. L. Polk & Co.
	IVICCARTHY COMPANY THE RL EST	R. L. Polk & Co.
1950	MCCARTHY COMPANY THE RL EST	Pacific Telephone
	MCCARTHY COMPANY THE RL EST MAIN OFC	Pacific Telephone
	MCCARTHY COMPANY THE RL EST MAIN OFC	Pacific Telephone
1937	WESTERN MORTGAGE CORPORATION Martin Christensen Pres Mortgages Investments and Insurance	Los Angeles Directory Co.
	Miller Conditionair Inc J H H Miller genl mgr	Los Angeles Directory Co.
	EMCEE CORPORATION Martin Christensen Pres William T Fulton Jr Sec Real Estate	Los Angeles Directory Co.

Year	Uses	Source
1933	Samaha A auto park	Los Angeles Directory Co.

1139 S BROADWAY

Year	Uses	Source
1929	WILKINSON Robt L soft drinks	Los Angeles Directory Co.
	Eubanks Edw Frances shoe shiner	Los Angeles Directory Co.

1140 S BROADWAY

Year	Uses	Source
1929	Edelstein Saml auto park	Los Angeles Directory Co.
1924	Jolly Carl auto park	Los Angeles Directory Co.

1142 S BROADWAY

Year	Uses	Source
1924	GAGE Jos W used cars	Los Angeles Directory Co.

1144 S BROADWAY

Year	Uses	Source
1971	West Coast Stationery & Printing Co	Pacific Telephone
1967	WEST COAST STATIONERY & PRINTING CO	Pacific Telephone
1962	WEST COAST STATIONERY & PRINTING CO	Pacific Telephone
1942	WEST Coast Stationery & Printing Co W F Lucas pres R B Carpenter treas Mrs M E Harvey sec	Los Angeles Directory Co.
1937	WEST Coast Stationery & Printing Co	Los Angeles Directory Co.
1933	WEST Coast Stationery & Printing Co J E Harvey pres W F Lucas v pres R B Carpenter sec treas	Los Angeles Directory Co.
1929	Loyal Knights of the Round Table E H Schenkel sec	Los Angeles Directory Co.
	CLARKE John H Dorothy M supt West Coast Staty & Ptg Co	Los Angeles Directory Co.
	WEST Coast Stationery & Printing Co E L Carter pres J E Harvey v pres R B Carpenter sec treas	Los Angeles Directory Co.
1924	TAYLOR Oliver auto park	Los Angeles Directory Co.

1146 S BROADWAY

Year	Uses	Source
1942	Plummer Henry B Faith auto park	Los Angeles Directory Co.
1937	Plummer Henry B Faith auto Park	Los Angeles Directory Co.
1929	PLUMMER Henry B Faith auto park	Los Angeles Directory Co.

FINDINGS

1147 S BROADWAY

Year	Uses	Source
1942	SOUTHERN Pacific Co ticket offices	Los Angeles Directory Co.
1937	SOUTHERN Pacific Co ticket offices	Los Angeles Directory Co.
1933	SOUTHERN Pacific Co ticket office	Los Angeles Directory Co.

1148 S BROADWAY

Year	Uses	Source
1933	Plummer Harry B Faith E auto park	Los Angeles Directory Co.

1149 S BROADWAY

Year	Uses	Source
1995	Provident Central Credit Union	Pacific Bell
	Transamerica Auto Ins	Pacific Bell
	Transamerica Commercial Ins	Pacific Bell
	Transamerica Homeowners Ins	Pacific Bell
	Transamerica Life Ins	Pacific Bell
	Transamerica Workers Compensation	Pacific Bell
	PROVIDENT CENTRAL CREDIT UNION	Pacific Bell
	TRANSAMERICA AUTO INS	Pacific Bell
	TRANSAMERICA COMMERCIAL INS	Pacific Bell
	TRANSAMERICA HOMEOWNERS INS	Pacific Bell
	TRANSAMERICA LIFE INS	Pacific Bell
	TRANSAMERICA WORKERS COMPENSATION	Pacific Bell
	Provident Central Credit Union	Pacific Bell
	Transamerica Auto Ins	Pacific Bell
	Transamerica Commercial Ins	Pacific Bell
	Transamerica Homeowners Ins	Pacific Bell
	Transamerica Life Ins	Pacific Bell
	Transamerica Workers Compensation	Pacific Bell
1991	PROVIDENT CENTRAL CREDIT UNION	Pacific Bell
	Provident Central Credit Union	Pacific Bell
	Provident Central Credit Union	Pacific Bell
1990	COUNTRYWIDE LIFE INSURANCE CO	Pacific Bell
	J & B SMOKE & GIFT SHOP	Pacific Bell
	OCCIDENTAL CENTER	Pacific Bell
	OCCIDENTAL INTERNATIONAL ENTERPRISES	Pacific Bell
	OLYMPIC INS CO	Pacific Bell
	RIVERSIDE INSURANCE COMPANY	Pacific Bell

FINDINGS

Year	Uses	Source
1990	SPARTAN INS CO	Pacific Bell
	TRANSAMERICA CORPORATION MANUFACTURING	Pacific Bell
	TRANSAMERICA FUND SALES INC	Pacific Bell
	TRANSAMERICA INFORMATION SERVICES	Pacific Bell
	TRANSAMERICA INSURANCE CORPORATION OF CALIFORNIA	Pacific Bell
	TRANSAMERICA LIFE INSURANCE & ANNUITY CO	Pacific Bell
	TRANSAMERICA MUTUAL FUND	Pacific Bell
	TRANSAMERICA REALTY INVESTORS	Pacific Bell
	TRANSAMERICA REALTY SERVICES	Pacific Bell
	VANIR-3DL CONST MNGMNT	Pacific Bell
	W E D INSURANCE AGENCY	Pacific Bell
	WESTERN 65 HEALTH INS ASSN	Pacific Bell
	WOLVERINE INSURANCE COMPANY	Pacific Bell
	YELLOW ROSE	Pacific Bell
1986	COUNTRYWIDE INSURANCE COMPANY	Pacific Bell
	COUNTRYWIDE LIFE INSURANCE CO	Pacific Bell
	J & B SMOKE & GIFT SHOP	Pacific Bell
	OCCIDENTAL CENTER	Pacific Bell
	OLYMPIC INS CO	Pacific Bell
	RIVERSIDE INSURANCE COMPANY	Pacific Bell
	SPARTAN INS CO	Pacific Bell
	TRANSAMERICA CORPORATION OTHER	Pacific Bell
	TRANSAMERICA FINANCIAL CORPORATION	Pacific Bell
	TRANSAMERICA FUND SALES INC	Pacific Bell
	TRANSAMERICA INFORMATION SERVICES	Pacific Bell
	TRANSAMERICA INSURANCE CORPORATION OF CALIFORNIA	Pacific Bell
	TRANSAMERICA LIFE INSURANCE & ANNUITY CO	Pacific Bell
	TRANSAMERICA MUTUAL FUND	Pacific Bell
	TRANSAMERICA REALTY INVESTORS	Pacific Bell
	TRANSAMERICA REALTY SERVICES	Pacific Bell
	U S TELECOM	Pacific Bell
	UNINET INC	Pacific Bell

FINDINGS

Year	Uses	Source
1986	W E D INSURANCE AGENCY	Pacific Bell
	WESTERN 65 HEALTH INS ASSN	Pacific Bell
	WOLVERINE INSURANCE COMPANY	Pacific Bell
1981	BUNDY ROBERT G JR AIA	Pacific Telephone
	COX JOHN L	Pacific Telephone
	BUNDY & ASSOCIATES	Pacific Telephone
	ROY W AIA	Pacific Telephone
	INFOREX	Pacific Telephone
	INFOREX	Pacific Telephone
	J & B SMOKE & GIFF SHOP	Pacific Telephone
	LUNDEN SAMUEL E FAIA	Pacific Telephone
	LYON ASSOCIATES	Pacific Telephone
	LYON FRANK E JR	Pacific Telephone
	POLL CHARLES	Pacific Telephone
	TANSPORTATION SERVICES OTHER	Pacific Telephone
1971	Josephs mens shop	Pacific Telephone

1150 S BROADWAY

Year	Uses	Source
1962	Barker Clarence	Pacific Telephone
1933	TODD Harvey J pntr	Los Angeles Directory Co.

1151 S BROADWAY

Year	Uses	Source
1971	Broadway Building The	Pacific Telephone
1967	Broadway Building The	Pacific Telephone
	Commerce Beauty Shop	Pacific Telephone
	Hitt W C Co mfrs dgts	Pacific Telephone
	Ox Fibre Brush Co Inc	Pacific Telephone
	Prym Wm Inc	Pacific Telephone
1962	Schnobelen Michael Risse McFarland Schnoebelen attys	Pacific Telephone
	Scott Jos	Pacific Telephone
	Twombly C W atty	Pacific Telephone
	White Glenn B & Associates	Pacific Telephone
	Wylie & Davis mfrs agts	Pacific Telephone
	Arcade Coffee Shop	Pacific Telephone
	Beanfield R McC consltng engnr	Pacific Telephone
	Caruso Harry Harrys Barber Shop	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	Cohon Fllmnore H cgr stand	Pacific Telephone
	Commerce Beauty Shop	Pacific Telephone
	Drite Inc	Pacific Telephone
	East Texas Pulp & Paper Co	Pacific Telephone
	Fudge Mills Inc	Pacific Telephone
	Gummed Products Co	Pacific Telephone
	Harrys Barber Shop	Pacific Telephone
	Helm Lynn Jr Rosecrans W S Inc	Pacific Telephone
	Jacobs Edythe atty	Pacific Telephone
	Lewis M E CPA	Pacific Telephone
	Martin Cantine Co The papr	Pacific Telephone
	Marvellum Co The specialty paprs	Pacific Telephone
	Mc Farland G L Risse McFarland Schnoebelen attys	Pacific Telephone
	Mc Nitt Rollin L atty	Pacific Telephone
	Mc Williams Edw Derite Inc	Pacific Telephone
	Moroney T M White Glenn B & Associates	Pacific Telephone
	Nicolet Paper Corp	Pacific Telephone
	OCCIDENTAL LIFE INS CO OF California Home Ofc	Pacific Telephone
	Peninsular Paper Co	Pacific Telephone
	Phillips Rudolph A CPA	Pacific Telephone
	Poke About Shoppe	Pacific Telephone
	Risse A H Risse McFarland Schnoebelen attys	Pacific Telephone
	Risse McFarland & Schnoebelen attys	Pacific Telephone
	Riverside Paper Corp	Pacific Telephone
	Rosecrans W S Inc	Pacific Telephone
	Sack Ada L Poke About Shoppe	Pacific Telephone
1954	BRAINAID STEEL DIV SHARON STEEL CORP	R. L. Polk & Co.
1942	PAGE GERALD W Mgr Metropolitan Unit California Western States Life Insurance Co	Los Angeles Directory Co.
	PEARSON Robt D Genevieve patent solr	Los Angeles Directory Co.
	Philbrick Fredk B mita agt	Los Angeles Directory Co.
	Plume & Atwood Mfg Co D M Smith mgr brass founders	Los Angeles Directory Co.
	Probationary & Subsitute Teachers Organization	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	PROCTER & GAMBLE DISTRIBUTING CO THE F D Rager Mgr Soap Manufacturers	Los Angeles Directory Co.
	Public Health League of Sou Cal B H Read exec sec	Los Angeles Directory Co.
	PURCHASING AGENTS ASSOCIATION OF LOS ANGELES INC Arthur Baker Executive Sec Treas	Los Angeles Directory Co.
	Quintell Thos real est	Los Angeles Directory Co.
	RAYMOND Lawrence adv	Los Angeles Directory Co.
	REED & Romane H C Reed J B Romano importers	Los Angeles Directory Co.
	ROBERTS Glenn S lawyer	Los Angeles Directory Co.
	Roodhouse Hal R exporter	Los Angeles Directory Co.
	Rosecrans Carl F Estate W S Rosecrans mgr	Los Angeles Directory Co.
	Rosenheim Alf F Ruth R archt	Los Angeles Directory Co.
	Schlitz Distributing Co of Cal Donald Mc Grath mgr	Los Angeles Directory Co.
	SERVICE Record Publishing Co J C Me Clelland M V Smith E C Johnson	Los Angeles Directory Co.
	SHERIDAN Jas M Edna T lawyer	Los Angeles Directory Co.
	SHERMAN Harold E Frances dentist	Los Angeles Directory Co.
	SHOEMAKER Comly Esther S real est	Los Angeles Directory Co.
	SOUTHERN CALIFORNIA BUSINESS Published by Los Angeles Chamber of Commerce H M Baus Francis Woodworth Co Editors	Los Angeles Directory Co.
	SOUTHERN California Homes & Gardens J A Cox publr	Los Angeles Directory Co.
	SOUTHWESTERN PURCHASING AGENT Monthly Edition Arth Baker Editor Mgr	Los Angeles Directory Co.
	STATE GOVERNMENT California Horse Racing Board Jerry Giesler chairman W C Buchanan sec	Los Angeles Directory Co.
	STATE GOVERNMENT Division of Fire Safety J R Yockers dep state fire marshal	Los Angeles Directory Co.
	Stecher Traung Lithograph Corp B E Carter mgr	Los Angeles Directory Co.
	STEEL Union Inc Eugen Banzhaf pres Herbt Obersten Lehn sec O A Riley treas steel prod	Los Angeles Directory Co.
	STEVENS Alf W coml srtist	Los Angeles Directory Co.
	WALTERS Dudley W mailing serv	Los Angeles Directory Co.
	WARD Gertrude letter shop	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	WEAVER Sylvester L office	Los Angeles Directory Co.
	WEIS Geo F Kath J whol lbr	Los Angeles Directory Co.
	WESTERN Pacific Lumber Co W N Saari mgr whol	Los Angeles Directory Co.
	WHITE Louis H mfrs agt	Los Angeles Directory Co.
	Worth Harold H Irene office	Los Angeles Directory Co.
	Chamber of Commerce Building F L S Harman presgenl mgr	Los Angeles Directory Co.
	Chinese Consulate T K Chang consul	Los Angeles Directory Co.
	Clapp Frank Burnette publr	Los Angeles Directory Co.
	Clay Products Institute of Cal J J Stein mgr	Los Angeles Directory Co.
	Comptometer Co J M Flowers agt	Los Angeles Directory Co.
	Contracting Plasterers Assn of Los Angeles R W Stratford sec	Los Angeles Directory Co.
	CORBETT Josephine E notary	Los Angeles Directory Co.
	DAVIDSON Ray statistician	Los Angeles Directory Co.
	Dealers Protective Bureau E E Preston mgr collns	Los Angeles Directory Co.
	ENCYCLOPAEDIA BRITANNICA INC	Los Angeles Directory Co.
	EQUITABLE Petroleum Corp Hal Arnold pres	Los Angeles Directory Co.
	FEDERAL GOVERNMENT War Dept Reserve Officers Training Corps Col Herman Kobbe in chg	Los Angeles Directory Co.
	GILBERT ERLE T Alice Mgr Sunset Agency California Western States Life Insurance Co	Los Angeles Directory Co.
	Girl Scouts Loa Angeles Council Mrs S C Marriott dir	Los Angeles Directory Co.
	GLASS Richd food broker	Los Angeles Directory Co.
	A tchr pub Sch	Los Angeles Directory Co.
	GREATER Los Angeles Safety Council F C Lynch sec	Los Angeles Directory Co.
	Harris Kiech Foster & Harris Ford W Harris Clarence F Kiech Ward D Foster Ford Harris Jr Attorneys at Law	Los Angeles Directory Co.
	Hartmann Miner L pat atty	Los Angeles Directory Co.
	HAVIKEN MARTIN P Lois L Controller City Board of Education	Los Angeles Directory Co.
	Hill Albt M adv	Los Angeles Directory Co.
	HOME Owners League of California Mrs Stella Terrell sec	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	HOYT GUY M Mary Director Section ot Attendance and Employment of Minors City Board of Education	Los Angeles Directory Co.
	HUNT Robt W Co H T Hathaway dist mar management engr	Los Angeles Directory Co.
	HUNTER Thos A eng	Los Angeles Directory Co.
	JAPAN TOURIST BUREAU J Shoda Pacific Coast Representative Nobuo Matsumura Mgr	Los Angeles Directory Co.
	JAPANESE CONSULATE Kenji Nakauchl Consul Masafuml Nakamura Vice Consul Kenichiro Suga and Yazaemon Kamada Chancellors	Los Angeles Directory Co.
	Joachim Herman L Gertrude con eng	Los Angeles Directory Co.
	KERSEY VIERLING Supt of Schools City of Los Angeles	Los Angeles Directory Co.
	Kobbe Herman Col in chg military science and tactics City Bd of Educ	Los Angeles Directory Co.
	Lansdale Philip Cath adv	Los Angeles Directory Co.
	LAUGHLIN Russell D Eloise mfrs agt	Los Angeles Directory Co.
	LEONARD Jack P Margt lawyer	Los Angeles Directory Co.
	Adult Education E Manfred Evans Supervisor	Los Angeles Directory Co.
	Attendance and Employment of Minors Elementary and High Guy M Hoyt Director	Los Angeles Directory Co.
	Commercial Education John New Given asst Supervisor	Los Angeles Directory Co.
	Curriculum Secondary Wm B Brown Director	Los Angeles Directory Co.
	Education for Exceptional Children Jessie A Tritt Supervisor	Los Angeles Directory Co.
	Educational Housing IDr Frank O Evans supvr	Los Angeles Directory Co.
	Educational Research and Guidance Elementary and High Dr Eliz L Woods Supervisor	Los Angeles Directory Co.
	Health Service Elementary and High C M Sellery MD acting Director	Los Angeles Directory Co.
	Physical Education Elementary and High Clarence L Glenn	Los Angeles Directory Co.
	Special Assignments and Cafeteria Service Olin E Darby supvr	Los Angeles Directory Co.
	Reserve Officers Trainng Corps Col Herman Kobbe Supervisor	Los Angeles Directory Co.
	LOS ANGELES CITY GOVT & OFFICIALS Vocational and Practical Arts Elementsry and High Claude E Nihart Supervisor	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	LOS ANGELES COMUMUNITY CHEST Lynn D Mowat Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES COMMUNITY WELFARE FEDERATION Lynn D Mowat Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMERCE Clifford Rawson Sec Mgr Chamber of Commerce Bldg	Los Angeles Directory Co.
	LOS ANGELES Motor Car Dealers Assn Burt Roberts exec sec	Los Angeles Directory Co.
	LOS ANGELES Newspaper Publishers Assn D D Durr chairman	Los Angeles Directory Co.
	LOS ANGELES Tenth District California Congress of Parents & Teachers	Los Angeles Directory Co.
	LOS ANGELES Traffic Safety Service	Los Angeles Directory Co.
	Los Chicos Oil Co H M Perlman pres	Los Angeles Directory Co.
	Lyon Furniture Mercantile Agency J W Street Mgr	Los Angeles Directory Co.
	Manufacturers Advertising Service Paul Sauer R K Ruth	Los Angeles Directory Co.
	MERCHANTS & Manufacturers Assn employment div	Los Angeles Directory Co.
	Meskhi Gleboff G Prince exporter	Los Angeles Directory Co.
	MINER Dan B Susan E pres Dan B Miner C ofc	Los Angeles Directory Co.
	NATIONAL Retail Board of Trade Inc C E Rice pres collns	Los Angeles Directory Co.
	NICHOLSON Harold B genl contr	Los Angeles Directory Co.
	NICKEL Geo D loans	Los Angeles Directory Co.
	Oldham Robt P food broker	Los Angeles Directory Co.
	PACIFIC Geographic Society	Los Angeles Directory Co.
	PAGE GEORGE H Minnie A Mgr Los Angeles Agency California Western State Life Insurance Co	Los Angeles Directory Co.
	Aero Mayflower Transit Co L R Benson mgr	Los Angeles Directory Co.
	Aircraft Parts Mfrs Assn Jack Frost sec	Los Angeles Directory Co.
	Aircraft Schools Assn	Los Angeles Directory Co.
	Alber Rudolph H adv	Los Angeles Directory Co.
	AMERICAN Publishers Alliance O G Suelsu sec	Los Angeles Directory Co.
	Argentina Chamber of Commerce	Los Angeles Directory Co.
	Arizona Sweet Grape Fruit Growers Ltd	Los Angeles Directory Co.
	Armored Transport Inc G H Irvin mgr	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	Asano Bussan Co Junichi Iwakami mgr exporters	Los Angeles Directory Co.
	Associated Advertising Agency Inc P L Marveson pres	Los Angeles Directory Co.
	ASSOCIATED Farmers of Los Angeles County Inc	Los Angeles Directory Co.
	ASSOCIATED Hospital Service of Sou Cal R G Walker exec dir	Los Angeles Directory Co.
	ATKINS Kroll & Co F E Broakman mgr importers	Los Angeles Directory Co.
	BARKER Clifton A mfg chemist	Los Angeles Directory Co.
	BARTON Raymond L patent solr	Los Angeles Directory Co.
	Biddick Walter W Mildred adv	Los Angeles Directory Co.
	Blank Martin H statistician	Los Angeles Directory Co.
	BLOCK Paul & Associates K J Shull mgr	Los Angeles Directory Co.
	Bostelmann O R food broker	Los Angeles Directory Co.
	BOYCE Maynard Inc C N Parker pres Howard Lang v pres sec treas adv	Los Angeles Directory Co.
	Bread Institute Inc R F Callender pres	Los Angeles Directory Co.
	CALIFORNIA Congress of Parents & Teachers State Office	Los Angeles Directory Co.
	CALIFORNIA Dairy Council Gus Rothe asst mgr	Los Angeles Directory Co.
	CALIFORNIA Institute of Music and Arts	Los Angeles Directory Co.
	CALIFORNIA Parent Teacher Magazine Mrs L P Byars mgr editor	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO George H Page Mgr Los Angeles Agency	Los Angeles Directory Co.
	Calmar Steamship Corp Morgan Huntoon dist mgr	Los Angeles Directory Co.
	Catalyn California Co M R Pexton mgr food prods	Los Angeles Directory Co.
1937	FOWLER WM H Supt of Exhibits L A Chamber of Commerce	Los Angeles Directory Co.
	Galleher B S lumber	Los Angeles Directory Co.
	Gamewell Co F B Philbrick mgr fire alarms	Los Angeles Directory Co.
	GILBERT ERLE T Alice Mgr Sunset Agency California Western States Life Insurance Co	Los Angeles Directory Co.
	GILMORE M H asst magnetic and seismological observer U U Coast and Geodetic Survey	Los Angeles Directory Co.
	Girl Scouts Los Angeles Council	Los Angeles Directory Co.
	Gulf Pacific Line Swayns & Hoyt Ltd agts	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	Gulf Pacific Mail Line Swayne & Hoyt agts	Los Angeles Directory Co.
	HAMMEL Bertle J USN	Los Angeles Directory Co.
	Harney Gerald B adv	Los Angeles Directory Co.
	HARRIS Ford W Eugenia M Patent Attorney	Los Angeles Directory Co.
	HARTMANN MINER L Patents Trade Marks Copyrights Consulting Chemical Engineering	Los Angeles Directory Co.
	HORI Tomokazu Consul of Japan	Los Angeles Directory Co.
	Hugg Ernest B draftsmn	Los Angeles Directory Co.
	Hungarian Consulate Francis Pallos consul	Los Angeles Directory Co.
	Hunt Robt W Co H T Hathaway mgr inspr engs	Los Angeles Directory Co.
	HUNTER Thos A elec eng	Los Angeles Directory Co.
	INTERNATIONAL Traders Service Lina L Hamilton J L Hebbert exporters	Los Angeles Directory Co.
	JAPAN TOURIST BUREAU J Kobayashi Manager M Y Inomata Pacific Coast Representative	Los Angeles Directory Co.
	JAPANESE Consulate	Los Angeles Directory Co.
	Kokusai Kisen Kaisha H N Ronner mgr	Los Angeles Directory Co.
	KRUEGER C G Co Chas G Krueger mgr steamship agts	Los Angeles Directory Co.
	Labarre Robt V eng	Los Angeles Directory Co.
	Lantz Corporation Ltd D C Lantz pres real est	Los Angeles Directory Co.
	LAWRENCE Favaret G adv agcy	Los Angeles Directory Co.
	LEONARD Jack P Margt N lawyer	Los Angeles Directory Co.
	LOS ANGELES CITY GOVT AND OFFICIALS The General Staff Executive Committee of the Major Disaster Emergency Council	Los Angeles Directory Co.
	Director of Budget Harry M Howell	Los Angeles Directory Co.
	Director of Library cnd Text Book Activities Burt W Reed	Los Angeles Directory Co.
	Director of Research Paul E Webb	Los Angeles Directory Co.
	Classes for Exceptional Children Jessie A Tritt supervisor	Los Angeles Directory Co.
	Curriculum Elementary Dr M Madelene Veverka drector	Los Angeles Directory Co.
	Curriculum Secondary W R Featherstone director	Los Angeles Directory Co.
	Educational Research Elementary and High Dr Eliz L Woods supervisor	Los Angeles Directory Co.

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Year	Uses	Source
1937	Reserve Officers Trammg Corps Lt Col John A Barry supervisor	Los Angeles Directory Co.
	Vocational Education Elementary and High Claude E Nihart supervisor	Los Angeles Directory Co.
	Attendance and Employment of Minors Elementary and High Guy M Hoyt head coordinator	Los Angeles Directory Co.
	Health Elementary and High R S Lokrantz MD director	Los Angeles Directory Co.
	Special Assignmentas V P Maher director	Los Angeles Directory Co.
	LOS ANGELES COMMUNITY CHEST D C Mac Watters Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES COMMUNITY WELFARE FEDERATION D C Mac Watters Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMIERCE Clifford Rawson Sec Mgr Chamber of Commerce Bldg	Los Angeles Directory Co.
	LOS ANGELES Motor Car Dealers Assn Burt Roberts exec sec	Los Angeles Directory Co.
	LOS ANGELES Newsboys Club	Los Angeles Directory Co.
	LOS ANGELES Paint Varnish & Lacquer Assn G P Lamberton sec	Los Angeles Directory Co.
	LOS ANGELES Tenth District California Congress of Parents and Teachers Mrs E L Goddard pres	Los Angeles Directory Co.
	Lyon Furniture Mercantile Agency I H Walden Pac Coast mgr	Los Angeles Directory Co.
	Mac Neil Malcolm G lawyer	Los Angeles Directory Co.
	Major Disaster Emergency Council B E Rice dir of co ordination	Los Angeles Directory Co.
	Mc CLURE Ralph H mfrs agt	Los Angeles Directory Co.
	Milk Institute of Southern California C B Reifsteck exec sec	Los Angeles Directory Co.
	MINER Dan B Co Dan B Miner pres J C Morse v pres L L Johnston v pres Mrs M Grear v pres W F Hannaford sec Marie R Sweeney treas adv agcy	Los Angeles Directory Co.
	NEWTON Wells W lawyer	Los Angeles Directory Co.
	PACIFIC Coast Freight Assn P C Sinclair mgr	Los Angeles Directory Co.
	PACIFIC Coast Insurance Co A T Reynolds	Los Angeles Directory Co.
	PACIFIC Geographic Society Mrs M e Hughes mgr	Los Angeles Directory Co.
	PACIFIC Market Builders F G Swartz Lou Routh adv	Los Angeles Directory Co.
	PACIFIC Oil & Meal Co H E Emery pres	Los Angeles Directory Co.

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Year	Uses	Source
1937	PACIFIC Rural Press F A Tutt mgr agricultural pub	Los Angeles Directory Co.
	PAGE GEORGE R Minnie A mgr Los Angeles Agency California Western States Life Insurance Co	Los Angeles Directory Co.
	PEARSON Robt D Genevieve patent atty	Los Angeles Directory Co.
	Peat Import Corp J C Plonsky rep	Los Angeles Directory Co.
	PROCTER & GAMBLE DISTRIBUTING CO THE F D Rager Mar Soap Manufacturers	Los Angeles Directory Co.
	PRUDENTIAL Insurance Co of America A B Altenhach supt	Los Angeles Directory Co.
	AMERICAN Institutions Inc Arth Clark mgr	Los Angeles Directory Co.
	Ancient Order United Workmen E T Lisle state agt	Los Angeles Directory Co.
	Asano Bussan Co J Iwakami mgr imptrs	Los Angeles Directory Co.
	Associated Advertising Agency Inc P O Narveson pres Emmet Tompkins v pres M Vivian sectreas	Los Angeles Directory Co.
	ASSOCIATED Farmers of Canifornia Sou Cal Branch	Los Angeles Directory Co.
	ASSOCIATED General Contractors F S Connolly mgr	Los Angeles Directory Co.
	ASSOCIATED Merchants of California	Los Angeles Directory Co.
	Babcock Loren W adv	Los Angeles Directory Co.
	BALLARD Julia B Mrs sten State Horse Racing Board	Los Angeles Directory Co.
	Ballard Julia B Mrs sten State Horse Racing Board	Los Angeles Directory Co.
	BARKER A S Ruth Cashier California Western States Life Insurance Co	Los Angeles Directory Co.
	BARTON Raymond L patent atty	Los Angeles Directory Co.
	Beanfield Rufus M Margt cons eng	Los Angeles Directory Co.
	BEEMAN John W Myra phys	Los Angeles Directory Co.
	BENNETT Walter L chiropractor	Los Angeles Directory Co.
	Bermel Frank Magdalena barber	Los Angeles Directory Co.
	BEYER Theo A bldg contr	Los Angeles Directory Co.
	Biddick Walter W Mildred V adv	Los Angeles Directory Co.
	Block Paul & Associates H G Wyman mer newspaper publishers reps	Los Angeles Directory Co.
	BRADY E Gale office	Los Angeles Directory Co.
	Brazilian Consulate Jas Sheridan v consul	Los Angeles Directory Co.
	Bread Institute Inc R F Callender exec sec bakers assn	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	BRENNAN John E office	Los Angeles Directory Co.
	Brich F W mfrs agt	Los Angeles Directory Co.
	BUCHANAN W C sec State Horse Racing Board	Los Angeles Directory Co.
	BUREAUS of Vocational Service emp agcy	Los Angeles Directory Co.
	Extension Bureau J C Hendricks mgr	Los Angeles Directory Co.
	C I T Corporation C H Thomas mgr	Los Angeles Directory Co.
	CALIFORNIA Congress of Parents & Teachers Los Angeles Tenth District	Los Angeles Directory Co.
	CALIFORNIA Dairy Council G H Rothe mgr	Los Angeles Directory Co.
	CALIFORNIA Guiding System Emil F Leypoldt mgr	Los Angeles Directory Co.
	CALIFORNIA Naval Militia First Regiment Headquarters	Los Angeles Directory Co.
	CALIFORNIA Parent Teacher Magazine	Los Angeles Directory Co.
	CALIFORNIA Quixet Co R H Anthony eng adv signs	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO A S Barker Cashier Southern California Branch George H Page Mgr Los Angeles Agency	Los Angeles Directory Co.
	Calmer Line Swayne & Hoyt agts	Los Angeles Directory Co.
	CANNON Geo E office	Los Angeles Directory Co.
	CHAMBER of Commerce Building	Los Angeles Directory Co.
	CHAPMAN E Rex acct	Los Angeles Directory Co.
	Chilean Consulate Arturo Rios consul	Los Angeles Directory Co.
	Chilean Nitrate Sales Corp E J Shaw mgr	Los Angeles Directory Co.
	Chinese Consulate Yi Seng Kiang v consul	Los Angeles Directory Co.
	CLAY Products Institute of Calif J J Stein exec sec	Los Angeles Directory Co.
	CLEMMONS Danl Jos A Samuela collections	Los Angeles Directory Co.
	Consulate of Cuba	Los Angeles Directory Co.
	CONTINENTAL Discount Corp N L Myers pres F M Moninger v pres	Los Angeles Directory Co.
	Contractors Plastering Assn D R Wadie sec	Los Angeles Directory Co.
	Corbet Josephine E wid H E pub sten	Los Angeles Directory Co.
	CORPORATION Personnel Agency R D La Vake Patricia La Vake emp agts	Los Angeles Directory Co.
	Cripe Harry E mfrs agt	Los Angeles Directory Co.

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Year	Uses	Source
1937	DAVIDSON Ray adv	Los Angeles Directory Co.
	DAVIES Carl lmhr	Los Angeles Directory Co.
	Dealers Protective Bureau E E Preston mgr collections	Los Angeles Directory Co.
	Dunning Wm D Muriel lbr	Los Angeles Directory Co.
	ELDRIDGE Wm S genl contr	Los Angeles Directory Co.
	Electrical Development League of Southern Calif F L Hockensmith mgr	Los Angeles Directory Co.
	ENCYCLOPAEDIA BRITANNICA INC Harry Peters Manager	Los Angeles Directory Co.
	Export Corp Ltd Pedro Cezon Pres A R Dayton v pres E G Hawkins sec W K Ackley treas	Los Angeles Directory Co.
	Department of Commerce Bureau of Foreign and Domestic Commerce Walter Measday dist mgr	Los Angeles Directory Co.
	Naval Militia State of California Comdr L F Brown USNR regimental comdr Lieut W R Everitt comdr hdqtrs	Los Angeles Directory Co.
	War Dept Reserve Officers Training Corp Col John A Barry in charge	Los Angeles Directory Co.
	FELT & Tarrant Mfg Co mfrs Comptometer Adding and Calculating Machines John M Flowers dist mgr	Los Angeles Directory Co.
	Fenger Hall Co Ltd G D Close mgr newspaper reps	Los Angeles Directory Co.
	Food and Grocery Bureau of Sou Calif Carl M Grayaon sec	Los Angeles Directory Co.
	Aero Mayflower Transit Co Inc L R Benson mgr	Los Angeles Directory Co.
	AFFILIATED CREDIT EXCHANGE H O Resar Pres Collections	Los Angeles Directory Co.
	ALBER Rudolph H adv	Los Angeles Directory Co.
	Public Health League of Calf B H Read exec sec	Los Angeles Directory Co.
	PURCHASING AGENTS ASSOCIATION OF LOS ANGELES INC Arthur Baker Executlve Sec	Los Angeles Directory Co.
	Raclin H L Inc Geo P Martin mgr brokers	Los Angeles Directory Co.
	Radio Central Casting Bureau Helyn E Nord mgr	Los Angeles Directory Co.
	REAVIS HARRY C Pres Affiliated Credit Exchange	Los Angeles Directory Co.
	Rebeil Paul W office	Los Angeles Directory Co.
	ROBERTS Glenn S lawyer	Los Angeles Directory Co.
	ROBERTS John F Mary adv agcy	Los Angeles Directory Co.

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Year	Uses	Source
1937	Rosecrans Carl F Estate	Los Angeles Directory Co.
	Rosecrans Wm S office	Los Angeles Directory Co.
	Rosenfield Louis Estelle mgr Motor List Co	Los Angeles Directory Co.
	Rosenheim All F Ruth archt	Los Angeles Directory Co.
	Seroy Wm J mfrs agt	Los Angeles Directory Co.
	Servel Inc	Los Angeles Directory Co.
	Shelby Peter P genl contr	Los Angeles Directory Co.
	SHERIDAN Jas M Edna T lawyer and v conaul of Brazil	Los Angeles Directory Co.
	SHERMAN Harold E denist	Los Angeles Directory Co.
	SMITH Reuben R Hilda cons eng	Los Angeles Directory Co.
	SMITH T Tyler Ethel adv agcy	Los Angeles Directory Co.
	SOUTHERN CALIFORNIA BUSINESS Published by Los Angeles Chamber of Commerce	Los Angeles Directory Co.
	SOUTHWESTERN Purchasing Agent Arthur Baker editor	Los Angeles Directory Co.
	STATE GOVERNMENT California Horse Racing Board	Los Angeles Directory Co.
	Stecher Traung Lithograph Co B E Carter mgr	Los Angeles Directory Co.
	STEEL Union Inc E Banzhaf pres Herbt Oberste Lehn sec treas steel products	Los Angeles Directory Co.
	STEVENSON Jordon & Harrison H H Worth mgr engs	Los Angeles Directory Co.
	Stoll G C & Son G C and W C machy dlrs	Los Angeles Directory Co.
	Sturgis J Rice Jerrine restr	Los Angeles Directory Co.
	SWAYNE & Hoyt Ltd Morgan Huntoon genl agt steamship agts	Los Angeles Directory Co.
	Traffic Safety Service Inc H A Abbott pras treas J W Wilcox v pres Mrs Agnes Tuttle sec traffic education	Los Angeles Directory Co.
	ULRICH Franklin P associate magnetic and seismological observer in chg U S Coast and Geodetic Survey	Los Angeles Directory Co.
	WARD Gertrude letter shop	Los Angeles Directory Co.
	WEAVER Sylvester L Amabel office	Los Angeles Directory Co.
	Weekly Business News J C Hendricks mgr	Los Angeles Directory Co.
	Weis Geo F Kath J lbr	Los Angeles Directory Co.
	Wollner F P office	Los Angeles Directory Co.
	WRIGHT S Leslie acct	Los Angeles Directory Co.
1933	Corbet Josephine E pub sten	Los Angeles Directory Co.

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Year	Uses	Source
1933	Cripe Harry E mfrs agt	Los Angeles Directory Co.
	Danziger Jay M lawyer	Los Angeles Directory Co.
	DEARING Benj H	Los Angeles Directory Co.
	De Barros Armando F consul Brazil	Los Angeles Directory Co.
	DECKER Jack Cath mfrs agt	Los Angeles Directory Co.
	de Jong Duris Dorcas importer	Los Angeles Directory Co.
	DICKSON Beecher J Eleanor D ins	Los Angeles Directory Co.
	EAGLE SIGNAL CO F B Philbrick District Sales Mgr	Los Angeles Directory Co.
	War Dept Reserve Officers Training Corns Lt Col John Moudaet in charge	Los Angeles Directory Co.
	Federated Church Brotherhoods of Calif H M Pierce pres O R Benedict v pres J R Carmichael sec Chas H Johnston treas	Los Angeles Directory Co.
	Federated Church Brotherhoods of L A County A R Taylor pres Ira A Lee v pres J R Williams sec H Z Cary treas	Los Angeles Directory Co.
	FELT & Terrant Mfg Co J M Flowers agt adding mach	Los Angeles Directory Co.
	Fenger Hall Co Ltd G D Close rep publrs rep	Los Angeles Directory Co.
	Furniture Manufacturers Assn Inc A V Mac Donald sec	Los Angeles Directory Co.
	GAMBLE Bert E Natalie A real est	Los Angeles Directory Co.
	GAMEWELL CO THE F B Philbrick District Sales Manager Fire and Police Alarms	Los Angeles Directory Co.
	Gandara J Antonio Lenore v consul Ecuador	Los Angeles Directory Co.
	Girl Scouts Los Angeles Council Edith W Swarts dir	Los Angeles Directory Co.
	GOLDEN Bear Mutual Benefit Assn Frank Witherill pres K P Clark sec	Los Angeles Directory Co.
	GOLDMAN Harry A lawyer	Los Angeles Directory Co.
	GRAF Max Gertrud chancellor Consulate of Switzerland	Los Angeles Directory Co.
	Great Southwest Realty Development Corp Mrs Blanche Dennison pres G Baker sec	Los Angeles Directory Co.
	GROSSMAN Wm A Rebecca acct	Los Angeles Directory Co.
	HANCOCK John Mutual Life Ins Co of Boston S L Freeman dist mgr	Los Angeles Directory Co.
	Harney Gerald B Isabel C adv	Los Angeles Directory Co.
	Harp Chas B Ethel genl contr	Los Angeles Directory Co.
	HARRIS FORD W Eugenia M Patent Attorney	Los Angeles Directory Co.

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Year	Uses	Source
1933	Hartmann Miner L patent atty	Los Angeles Directory Co.
	HILL Geo A lighting equip	Los Angeles Directory Co.
	HOLMES Eug A lawyer	Los Angeles Directory Co.
	HOYT GUY M Head Coordinator Div of Attendance and Employment of Minors City Board of Education	Los Angeles Directory Co.
	Hungarian Consular Agcy Francis Proiszl dep consul	Los Angeles Directory Co.
	INTERNATIONAL Appraisal Assn Elmer F Good Pres	Los Angeles Directory Co.
	JAPANESE CONSULATE T Satow Consul K Ozawa Vice Consul H Nomura H Sekl and K Kageyama Chancellors	Los Angeles Directory Co.
	JONES Roscoe C inv	Los Angeles Directory Co.
	Kageyama Kazuo Isaka chancellor Japan	Los Angeles Directory Co.
	KAPP Glasby & Co W M Glasby	Los Angeles Directory Co.
	KRUEGER Co Inc C G Krueger pres steamship agts	Los Angeles Directory Co.
	Lantz Syndicate D C Lantz pres finance	Los Angeles Directory Co.
	La Vake Calculating Co Patricia La Vake mgr	Los Angeles Directory Co.
	LAWRENCE Robt B mfrs agt	Los Angeles Directory Co.
	LEONARD Jack P Margt M lawyer	Los Angeles Directory Co.
	Letter Shop The Gertrude Ward user adv agcy	Los Angeles Directory Co.
	LORD & Thomas Don Francisco v pres genl mgr adv	Los Angeles Directory Co.
	Course of Study Elementry Dr M Madilene Veverka director	Los Angeles Directory Co.
	Educational Research Elementary and High Dr Eliz L Woods supervisor	Los Angeles Directory Co.
	Vocational Education Elementary and High W S Kienholz supervisor	Los Angeles Directory Co.
	Attendance and Employment of Minors Elementary and High Guy M Hoyt head coordinator	Los Angeles Directory Co.
	Health Elementary and High S R Lokrantz M D director	Los Angeles Directory Co.
	Student Body Finance Elementary and High V P Maher director	Los Angeles Directory Co.
	LOS ANGELES COMMUNITY WELFARE FEDERATION D C Mac Watters Sec Genl Mgr	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMERCE Clifford Rawson Sec Mgr Chamber of Commerce Bldg	Los Angeles Directory Co.

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Year	Uses	Source
1933	LOS ANGELES Motor Car Dealers Assn Burt Roberts sec	Los Angeles Directory Co.
	LOS ANGELES Paint Oil and Varnish Club G E Cannon sec	Los Angeles Directory Co.
	LOS ANGELES Paper Box Mfrs Assn	Los Angeles Directory Co.
	LOS ANGELES Tenth District California Congress of Parents And Teachers Jessie M Hoge exec sec	Los Angeles Directory Co.
	Lovell Philip M Leah phys	Los Angeles Directory Co.
	LYON Furniture Mercantile Agency I H Walden mgr	Los Angeles Directory Co.
	LYONS Herbt real est	Los Angeles Directory Co.
	Mc Graw Hill Co H C Rowell mgr publrs reps	Los Angeles Directory Co.
	Methodist Episcopal Church Headquarters Rev J L Gillies dist supt	Los Angeles Directory Co.
	MILES Chas K Bernice ins	Los Angeles Directory Co.
	Millinery Mfrs & Jobbers Assn of L A E A Holmes sec	Los Angeles Directory Co.
	MONTGOMERY Ross archt	Los Angeles Directory Co.
	Mooser Wm archt	Los Angeles Directory Co.
	MORRILL Austin W entomologist	Los Angeles Directory Co.
	NATIONAL RETAIL BOARD OF TRADE INC C E Rice Pres Collections	Los Angeles Directory Co.
	NELSON Steamship Co T G Widmeyre genl agt	Los Angeles Directory Co.
	Newspaper Service Bureau A J Yaguda mgr publrs repr	Los Angeles Directory Co.
	Nomura H chancellor Japan	Los Angeles Directory Co.
	Nourse Chas O Eliz inv	Los Angeles Directory Co.
	Odine Products Inc C B Hurtt mgr fertilizer	Los Angeles Directory Co.
	Organization Builders Employment Agency	Los Angeles Directory Co.
	Outdoor Advertising Inc J A Brogdon mgr	Los Angeles Directory Co.
	Ozawa K v consul Japan	Los Angeles Directory Co.
	PACIFIC Coast Products League Geo J Gowan sec treas	Los Angeles Directory Co.
	PACIFIC Geographic Society The C P Palmer mgr dir	Los Angeles Directory Co.
	PACIFIC Southwest Creditors Assn Joe A Clemmons genl mgr	Los Angeles Directory Co.
	PEARSON Robt D patent atty	Los Angeles Directory Co.
	Peddlie Frank inv	Los Angeles Directory Co.

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Year	Uses	Source
1933	Personal Adjustment Service R R Cullen vocational Counselors	Los Angeles Directory Co.
	Preston Ernest E adj	Los Angeles Directory Co.
	PROCTOR & Gamble Distributing Co F D Rager mgr soap mfrs	Los Angeles Directory Co.
	Proiszl Francis dep consular agt Hungary	Los Angeles Directory Co.
	Purchasing Agents Assn of Los Angeles Arth Baker sec	Los Angeles Directory Co.
	REID Harry J translator	Los Angeles Directory Co.
	RIOS Arturo Rachel consul Chili	Los Angeles Directory Co.
	Satow Toshito consnl Japan	Los Angeles Directory Co.
	Schraders A Son Inc John Hoerger Pac Coast mgr valve mfrs	Los Angeles Directory Co.
	Security Circulation Co C A Ramsey mgr adv	Los Angeles Directory Co.
	Seki H chancellor Japan	Los Angeles Directory Co.
	Shannon Geo shoe shiner	Los Angeles Directory Co.
	Sheridan Jas M Edna lawyer	Los Angeles Directory Co.
	Shibusaki Michael v counsul Japan	Los Angeles Directory Co.
	Shore Acres Country Club J M Danziger pres	Los Angeles Directory Co.
	SLAGLE R W mfrs agt	Los Angeles Directory Co.
	Smart Allen R & Co C R While mgr accts	Los Angeles Directory Co.
	SMITH Roscoe N mining eng	Los Angeles Directory Co.
	SOUTHERN CALIFORNIA ANNUAL CONFERENCE OF THE METHODIST EPISCOPAL CHURCH A Ray Moore Treas	Los Angeles Directory Co.
	SOUTHERN CALIFORNIA BUSINESS Published by Los Angeles Chamber of Commerce	Los Angeles Directory Co.
	SOUTHERN California Canners Assn C A Winkler sec	Los Angeles Directory Co.
	SOUTHERN California Plaster D R Wadle mgr	Los Angeles Directory Co.
	SOUTHWESTERN Pusrchasing Agent Arth Baker editor mgr	Los Angeles Directory Co.
	STEEL Furniture Mfg Co S F Butts mgr	Los Angeles Directory Co.
	STEEL Inc T W Simmons pres	Los Angeles Directory Co.
	STOLL G C & Son G C and W C mfrs agts	Los Angeles Directory Co.
	SWAYNE & Hovt Ltd W R Lych genl agt steamship agts	Los Angeles Directory Co.
	SWITZERLAND	Los Angeles Directory Co.
	Teasley Wm H Mary acct	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	Tesche Wm C publr rep	Los Angeles Directory Co.
	Thiess Robt H Nell pub rep	Los Angeles Directory Co.
	Tire Dealers Assn of Sou Cal B H Read sec	Los Angeles Directory Co.
	Toyoda Kaorun v consul Japan	Los Angeles Directory Co.
	Traung Label & Lithograph Co L P Blank mgr	Los Angeles Directory Co.
	Tuna Canners Institute Roscoe Hopkins mgr	Los Angeles Directory Co.
	United Church Women of Los Angeles	Los Angeles Directory Co.
	UNITY Mutual Life & Accident Ins Co A G Mc Kinnon pres	Los Angeles Directory Co.
	WALTON School of Commerce Franklin P Steel registrar	Los Angeles Directory Co.
	Wartenweiler Otto Mary Consul Switzerland	Los Angeles Directory Co.
	Weingartner W chaneclor Switzerland	Los Angeles Directory Co.
	WESTERN Cattle Marketing Assn W F Krueger slsmer	Los Angeles Directory Co.
	WESTERN Clay & Metals Co H K Burch pres filtering clay	Los Angeles Directory Co.
	Wutt Geo A real est	Los Angeles Directory Co.
	YORK Ralph E office	Los Angeles Directory Co.
	Advertising Club of Los Angeles E E Olson mng dir	Los Angeles Directory Co.
	ALBERT Jas M eng	Los Angeles Directory Co.
	Alliance Engineers Inc C L Weeks pres Ray Howard v pres R M Weeks sec treas	Los Angeles Directory Co.
	ALTON CO THE Frank M Alton Real Estate Loans Insurance	Los Angeles Directory Co.
	ANDERSON Chas patent atty	Los Angeles Directory Co.
	ANDERSON Chas patent atty	Los Angeles Directory Co.
	Asano Busaan Co S Assno pras J Iwakani mgr exporters	Los Angeles Directory Co.
	BARTON Raymond L patent atty	Los Angeles Directory Co.
	BEALL Harry H Betty adv	Los Angeles Directory Co.
	BENNETT Walter L chiropractor	Los Angeles Directory Co.
	Beucher Harry S optomerist	Los Angeles Directory Co.
	Bibb Allie H mfrs agt	Los Angeles Directory Co.
	Biddick Walter W Mildred adv agt	Los Angeles Directory Co.
	Block Paull and Associates Fredk Wagner v pres mgr adv reps	Los Angeles Directory Co.
	Bookstaver Burns Lumber Co B W Bookstaver v pres L G Burns sec treas	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	Bookstaver Burns pres L G Burns sec treas	Los Angeles Directory Co.
	Boone Rodney E Organization T C Hoffmyer rep adv	Los Angeles Directory Co.
	BUILDERS Material Dealers Board of Trade Martin Goldman mgr	Los Angeles Directory Co.
	BUILDING TRADES ASSURANCE CORP	Los Angeles Directory Co.
	Business Extension Bureau F K Hames mgr	Los Angeles Directory Co.
	Business Mens Art Club of Los Angeles	Los Angeles Directory Co.
	C I T Corp Earl B Tibbala mgr	Los Angeles Directory Co.
	CALHOUN John D optom	Los Angeles Directory Co.
	CALIFORNIA Dairy Council Jay Dutter son rep	Los Angeles Directory Co.
	CALIFORNIA Exporting Co H J Reid mgr	Los Angeles Directory Co.
	CALIFORNIA Soil Improvement Commitee G P Gray dir Grace A Lawrence sec	Los Angeles Directory Co.
	CALIFORNIA State Church Federation F M Larkin exec sec	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO Southern California Branch John A Mason Cashier Los Angeles Agency George H Page Agency Mgr	Los Angeles Directory Co.
	CALIFORNIA WESTERN STATES LIFE INSURANCE CO Erle T Gilbert Mgr Sunset Agency	Los Angeles Directory Co.
	CAMPBELL Ewald Co W S Wood mgr adv	Los Angeles Directory Co.
	CAMPBELL Wm T coml artist	Los Angeles Directory Co.
	Chamber of Commerce Building	Los Angeles Directory Co.
	CHAMBERLIN Steamship Co J J Rea dist mgr	Los Angeles Directory Co.
	CHAMBERLIN W R & Co W R Chamberlin mgr whol lmbr	Los Angeles Directory Co.
	CHURCH Federation of Los Angeles J A Eby sec Clara B Homer asst sec	Los Angeles Directory Co.
	Citizens Mutual Life Insurance Assn Eug Webb jr pres Richd Mathews v pres J N Parker sec treas	Los Angeles Directory Co.
	CITIZENS Preparedness Committee on Major Disasters B E Rice dir	Los Angeles Directory Co.
	CITIZENS Public School Committee S L Kreider exec sec	Los Angeles Directory Co.
	CLAY Products Institute of California N W Kelch sec mgr	Los Angeles Directory Co.
	COLORADO Fuel & Iron Products Co B C Harmon dist sls mgr	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	Cnonstrutive Mutual Life Assn F Elmer Benoist pres G G Benoist sec	Los Angeles Directory Co.
	CONTINENTAL Discount Corp Norman L Myers pres	Los Angeles Directory Co.
	Contracting Plasterers Assn of L A D R Wadle sec	Los Angeles Directory Co.
1929	LOS ANGELES Chamber of Commerce Building Corp F L S Harman asst sec	Los Angeles Directory Co.
	Library Elementary Schools W H Housh	Los Angeles Directory Co.
	LOS ANGELES District California Congress of Parents and Teachers Mrs W E Taylor rec sec	Los Angeles Directory Co.
	LOS ANGELES JUNIOR CHAMBER OF COMMERCE Clifford Rawson Sec Mgr	Los Angeles Directory Co.
	LOS ANGELES Missionary and Church Extension Society of the M E Church Rev L T Guild field sec	Los Angeles Directory Co.
	LOS ANGELES Motor Car Dealers Assn Burt Roberts exec sec	Los Angeles Directory Co.
	LOS ANGELES Paint Oil & Varnish Club G E Cannon sec treas	Los Angeles Directory Co.
	LOS ANGELES Pageon Club R M Hoover sec	Los Angeles Directory Co.
	LOS ANGELES Sector Assn of the Army of the United States Geo F Hamilton sec	Los Angeles Directory Co.
	Lovell David R Fern naturopath	Los Angeles Directory Co.
	Lovell Philip M Leah naturopath	Los Angeles Directory Co.
	LYON FURNITURE MERCANTILE AGENCY I H Walden Pacific Coast Mgr	Los Angeles Directory Co.
	Lyons Edgar P acct	Los Angeles Directory Co.
	Mc Call Bros J W T D and Mitchell Mc Cal real est	Los Angeles Directory Co.
	Mc CLELLAND John C Marie mfrs agt	Los Angeles Directory Co.
	Mammoth Mountain Mining Co G W Russell mgr	Los Angeles Directory Co.
	METROPOLITAN Life Ins Co A S E Kinsey mgr	Los Angeles Directory Co.
	Missionary Education Movement Rev H F Burr pres	Los Angeles Directory Co.
	Musser Ralph J Ida P mfrs agt	Los Angeles Directory Co.
	NATHAN Edw N Ruth adv	Los Angeles Directory Co.
	NATIONAL Retail Board of Trade Inc C E Rice pres	Los Angeles Directory Co.
	Nunn Arth E Acct	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	OIL BULLETIN Edwin Higgins Managing Editor Published by Chamber of Mines and Oil	Los Angeles Directory Co.
	Organizntion Builders Employment Agcy J F S DAule R I West	Los Angeles Directory Co.
	paramino Lumber Co C F Berry mgr whol lmbr	Los Angeles Directory Co.
	Paramino Eug Teresa billiards	Los Angeles Directory Co.
	Parent Scott editor	Los Angeles Directory Co.
	PARKER Pencil Co Claude Parker F C Huber	Los Angeles Directory Co.
	Pathfinder Tours J E Donaldson J C Worley mgr	Los Angeles Directory Co.
	PATTERSON Henry M Jeannette archt	Los Angeles Directory Co.
	PEARSON Robt D Genevieve patent lawyer	Los Angeles Directory Co.
	Pedelie Frank Jennie real est	Los Angeles Directory Co.
	PERCY Steph H Grace office	Los Angeles Directory Co.
	PIONEER Trading Co Inc Edw Becks mgr imptrs	Los Angeles Directory Co.
	PORTER Robt Lillian bus consultant	Los Angeles Directory Co.
	PRESTON Erest E Forrestina collection agcy	Los Angeles Directory Co.
	Purchasing Agents Assn of L A Inc H W Bruce sec	Los Angeles Directory Co.
	RAGAN Rex Helena acct	Los Angeles Directory Co.
	RAINS Paul B Clara publrs agts	Los Angeles Directory Co.
	Reserve Officers Assn of United States Los Angeles chapter K W Marks sec	Los Angeles Directory Co.
	ROGERS Chas E Millie E finance	Los Angeles Directory Co.
	Rosenheim Alfd F archt	Los Angeles Directory Co.
	Rubidoux Land & Water Co H A Goldman mgr	Los Angeles Directory Co.
	Scheel Karl H archt designer	Los Angeles Directory Co.
	Schraders A Son Inc of Cal John Hoerger Pacific Coast mgr valve mfrs	Los Angeles Directory Co.
	SHERIDAN Phil Madeline adv	Los Angeles Directory Co.
	SIERRA Salt Co G W Russell mgr	Los Angeles Directory Co.
	SIMONS BRICK CO Walter R Simons Pres Robert P Isitt V Pres Herbert B Howeth Sec John T Crampton Treas Main Office	Los Angeles Directory Co.
	SIMONS R G Estate Inc J V Simons pres Ralph Simons sec	Los Angeles Directory Co.
	Skiller Chauncy F archt	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	Smart Allen R & Co Chas R While mgr accts	Los Angeles Directory Co.
	SOUTHERN California Conference of M E Church F D Mather pres S S Sampson v pres E W Pasko sec A R Moore treas	Los Angeles Directory Co.
	SOUTHERN California Fish Packers Assn	Los Angeles Directory Co.
	SOUTHERN Income Properties Inc R R Free pres O D Dessureault sec treas	Los Angeles Directory Co.
	SOUTHERN Sugar Co Robt Urban res mgr	Los Angeles Directory Co.
	SOUTHWEST Tile Contractors Assn A H Puttcamp sec	Los Angeles Directory Co.
	SOUTHWESTERN Educational Research & Guidance Assn W W Clark sec	Los Angeles Directory Co.
	SOUTHWESTERN PURCHASING AGENT Purchasing Agents Assn of L A inc Owners Arthur Baker Editor and Mgr	Los Angeles Directory Co.
	Soyster Marvin H geologist	Los Angeles Directory Co.
	STANDARD ADDRESSING & MAILING CO C Russell Carter James A Altken Direct Mail Advertising	Los Angeles Directory Co.
	STANDARD BRICK CO J V Simons Pres Ralph Simons Sec Treas J W Sanderson Auditor Brick Mfrs	Los Angeles Directory Co.
	Steed Franklin P Laurel acct	Los Angeles Directory Co.
	Stoll G C & Son G C and W C Stoll mfrs agts	Los Angeles Directory Co.
	SUTTON Carl F Winnie news service	Los Angeles Directory Co.
	Budd Wm E A Gunda patent atty	Los Angeles Directory Co.
	BURCH H Kenyon Grace cons eng	Los Angeles Directory Co.
	BURNS Arth W loans	Los Angeles Directory Co.
	Bushnell Herbt H Minnie adv	Los Angeles Directory Co.
	CALIFORNIA Anti Saloon League S T Montgomery supt	Los Angeles Directory Co.
	CALIFORNIA Dairy Council Jay Dutter rep	Los Angeles Directory Co.
	CALIFORNIA Soil & Improvement Committee Horace Dunbar mng dir	Los Angeles Directory Co.
	CALIFORNIA State Church Federation Rev F M Larkin exec sec	Los Angeles Directory Co.
	CAMPBELL Ewald Co W S Wood mgr adv	Los Angeles Directory Co.
	CENTRAL California Mutual Life & Benefit Assn F A Anderson Graton Cal pres R S Smith sec	Los Angeles Directory Co.
	CHAMBER of Commerce Building	Los Angeles Directory Co.
	Citizens Committee on Parks Playgrounds and Beaches H R Pomeroy exec sec	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	CITY Missionary Society A D Davis field sec	Los Angeles Directory Co.
	Civic Bureau of Music and Art of Los Angeles Antoinette Sabel sec	Los Angeles Directory Co.
	COMMUNITY WELFARE FEDERATION OF LOS ANGELES INC Walter L Thornton Sec and Gen Mgr	Los Angeles Directory Co.
	COMMUNITY Welfare Federation of Los Angeles Research Div F Leslie Smith asst dlr	Los Angeles Directory Co.
	COMPTOMETER ADDING & CALCULATING MACHINES John M Flowers Agt	Los Angeles Directory Co.
	Concord Oil Co Albt Worthington sec	Los Angeles Directory Co.
	Contracting Plasterers Assn of Southern California D R Wadle sec	Los Angeles Directory Co.
	COOPER Thos M mfrs agt	Los Angeles Directory Co.
	CRAVEN Properties Inc J M Craven pres	Los Angeles Directory Co.
	Cripe Harry E Emily mfrs agt	Los Angeles Directory Co.
	Davelle Intestinal Baths C S Benson N P Roe	Los Angeles Directory Co.
	Dexter Supply Co Walter Biddick mgr radio supplies	Los Angeles Directory Co.
	DIXON Thos J Ruth C pres Home Owners Finance Corp lawyer	Los Angeles Directory Co.
	DORSEY SUSAN M MRS Supt of City Schools	Los Angeles Directory Co.
	Durotile Co Martin and H A Goldman Bernard Minsky imptrs	Los Angeles Directory Co.
	EAGLE Lumber Co H A Smith mgr lmbr whol	Los Angeles Directory Co.
	Electrical Contractors & Dealers Assn	Los Angeles Directory Co.
	Export Service Bureau Inc Mrs Christina Du Pressis sec	Los Angeles Directory Co.
	Falkenrath Rudolph jr archt	Los Angeles Directory Co.
	FEDERAL GOVERNMENT Army Organized Reserves Col Ceo F Hamilton Co ordinating officer	Los Angeles Directory Co.
	Felt & Tarrant mfg Co J M Flowers gen agt adding mach	Los Angeles Directory Co.
	FISHER Claude Co Claude Fisher gen contr	Los Angeles Directory Co.
	FORD R M inv	Los Angeles Directory Co.
	Furniture Manufacturers Assn A V Mac Donald sec	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	GENERAL Securities Corp J T Rowntree pres F H Thomas v pres G C De Garmo v pres D H Jones treas F P Southworth sec	Los Angeles Directory Co.
	GILBERT & Stengel M M Gilbert A L Stengel real est	Los Angeles Directory Co.
	Goldman Finance Co Martin and H A Goldman	Los Angeles Directory Co.
	GORE Frank produce	Los Angeles Directory Co.
	HALL Fred L Co Inc G D Close mgr publrs rep	Los Angeles Directory Co.
	HANCOCK John Mutual Life Ins Co of Boston S L Freeman sunt	Los Angeles Directory Co.
	HARP CHAS B Ethel Contractor and Builder Industrial Buildings	Los Angeles Directory Co.
	HARRIS FORD W Eugenia M Patent Attorney	Los Angeles Directory Co.
	HATTON David M Nellie imptr	Los Angeles Directory Co.
	HILL Geo Q mfrs agt	Los Angeles Directory Co.
	HOBBS Wall & Co A V Donovan dist mgr lmbr whoe	Los Angeles Directory Co.
	HOLMES Eug A Lillian lawyer	Los Angeles Directory Co.
	HOME GUARANTY CORPORATION Roy E Cook Pres B M Eskridge V Pres W D Spruance V Pres and Mgr Alice E Burton Treas Real Estate Insurance Financing	Los Angeles Directory Co.
	HOME OWNERS FINANCE CORPORATION Thos J Dixon Pres Norman Sullivan Sec Treas Financing of Home Improvements Home Building General Construction Heating and Ventilating Pain	Los Angeles Directory Co.
	Honeycutt B F publrs agt	Los Angeles Directory Co.
	HOULIHAN Jas Inc R G Landis local mgr adv	Los Angeles Directory Co.
	Jystad Julius clk	Los Angeles Directory Co.
	Kaaba M & M Corp W E Little pres mining	Los Angeles Directory Co.
	Karpe Karle adv	Los Angeles Directory Co.
	KING Helen W Mrs adv agt	Los Angeles Directory Co.
	L C N Co Inc L C Norton pres W D Putnam v pres G A Howard sec hdw specialties	Los Angeles Directory Co.
	LANGE Henry B industrial eng	Los Angeles Directory Co.
	Lasure Harry A Faye mfrs agt	Los Angeles Directory Co.
	LETTER SHOP THE Gertrude Ward Mgr Multigraphing Addressing Malling Direct Mail Advertising	Los Angeles Directory Co.
	Lindaero Club Inc Louis De Jean pres	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	LITTLE Chas adv	Los Angeles Directory Co.
	LORD & THOMAS AND LOGAN Don Francisco V Pres and Gen Mgr Advertising	Los Angeles Directory Co.
	LOS ANGELES BRICK EXCHANGE Lee S Collins Mgr	Los Angeles Directory Co.
	AITKEN DAISY Public Accountant Bookkeeping and Secretarial Bookkeeping Auditing	Los Angeles Directory Co.
	ALL YEAR CLUB OF SOUTHERN CALIFORNIA THE A Non Profit Organization to Promote Year Round Tourist Business for all Southern California Through National Advertising Frank P	Los Angeles Directory Co.
	All Year Club of Southern California C G Milbam sec	Los Angeles Directory Co.
	AMERICAN College Society Inc F G Quinn pres treas A E Mc Manus v pres E A Fridley sec	Los Angeles Directory Co.
	AMERICAN Historical Research Dept of L A City Schools W S Hertzog dir	Los Angeles Directory Co.
	AMERICAN Tag Co T M Cooper mgr	Los Angeles Directory Co.
	Angel City Investment Co Ed Weiss pres H A Goldman sec treas and mgr	Los Angeles Directory Co.
	ANTI SALON LEAGUE California Samuel T Montgomery Supt	Los Angeles Directory Co.
	Army Navy Marine Corp Assn Lient Col H S Keves sec D J Ruff asst sec	Los Angeles Directory Co.
	Baillif A Rene Susana imptr	Los Angeles Directory Co.
	BARNES Bert E Edith adv	Los Angeles Directory Co.
	BARRY Oil Assn J W Henderson nigr	Los Angeles Directory Co.
	BASICH BROTHERS CONSTRUCTION CO Risto L Basich pres Nikola L Basich v pres J S Smith sec treas Paving Sewer Storm Drain and General Contractors	Los Angeles Directory Co.
	Beere Harold P Florence ins	Los Angeles Directory Co.
	BENNETT Walter L Maude M chiro	Los Angeles Directory Co.
	BEUCHER Harry S optom	Los Angeles Directory Co.
	Biddick Walter W Mildred V adv mgr	Los Angeles Directory Co.
	BOARD of Education of the M E Church Schools and Epworth League Rev J L Corley dlr	Los Angeles Directory Co.
	Bookstaver Burns Lumber Co B W Bookstaver L G Burns whol Imbr	Los Angeles Directory Co.
	Brick Masons Contractors Assn D T OBrien sec	Los Angeles Directory Co.
	Brockmann Ray P layer	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	WARREN Roscoe L archt	Los Angeles Directory Co.
	SWETLAND PUBLICATIONS INC M J Swetland Pres Lohr Ludwick Sec Treas	Los Angeles Directory Co.
	Teaseley Wm H Mary B acct	Los Angeles Directory Co.
	TRIANGLE Finance Corp A E Evans pres N C Tompkins v pres R M Dickmson sec treas	Los Angeles Directory Co.
	UNITED Church Women of Los Angeles	Los Angeles Directory Co.
	UNITED CONCRETE PIPE & CONSTRUCTION CO Risto L Basich Pres Steve Kral Tom P Polloh Nikola L Basich and B J Ukropina Vice Presidents D L Roberts Sec Treas Conserete Pipe M	Los Angeles Directory Co.
	VAIL Morris Constrution Co D A Vail L N Morris C H Creighton	Los Angeles Directory Co.
	Valdes Don F Valdivieso Rosalina consul Chile	Los Angeles Directory Co.
	Victor Adding Machine Co Wm Burke br mgr	Los Angeles Directory Co.
	Vinetz & Gitelson J W Vinetz Alf Gitelson lawyers	Los Angeles Directory Co.
	WAGNER Wilmr C natnropath	Los Angeles Directory Co.
	Weingartner Warner V Consul Switzerland	Los Angeles Directory Co.
	WELLS Maria C phys	Los Angeles Directory Co.
	WESTERN BRICK CO G A Wild Pres Mfrs of Brick and Roofing Tile	Los Angeles Directory Co.
	WESTERN Cattle Marketing Assn W F Krueger mgr	Los Angeles Directory Co.
	WESTERN Clay & Metals Co H E Biezee mgr	Los Angeles Directory Co.
	WESTERN Cordage Co J C Perrin mgr	Los Angeles Directory Co.
	WESTERN STATES LIFE INSURANCE CO Geo H Page Supervisor H H Hoyt and M H Fuller Agency Directors J A Mason Agency Cashier Suite	Los Angeles Directory Co.
	WIL TAKA MESSAGE SERVICE BUREAU INC A M Pence Pres Stela V Quackenbos Sec Treas A Prompt Reliable Accurate and Strictly Confidentiall Telephone Message Service Day and Ni	Los Angeles Directory Co.
	Womens Foreign Missionary Society of ME Church Anna Mc Farland sec	Los Angeles Directory Co.
	Womens Home Missionary Society of ME Church Mrs M L Coates pres	Los Angeles Directory Co.
	Wyle Bernard J Elsie C mfrs agt	Los Angeles Directory Co.

FINDINGS

1153 S BROADWAY

Year	Uses	Source
1942	Wainman Wm H Ethel drugs	Los Angeles Directory Co.
1933	Jassby Ned A Sadie drugs	Los Angeles Directory Co.
1929	Jassby Drug Co N A Jassby	Los Angeles Directory Co.

1154 S BROADWAY

Year	Uses	Source
1942	BRITANNICA JUNIOR Harry Peters Mgr	Los Angeles Directory Co.
1933	Gutaw Jacob Eva shoe repr	Los Angeles Directory Co.
1929	CHAMBER OF MINES AND OIL Edwin Higgins Managing Director	Los Angeles Directory Co.

1158 S BROADWAY

Year	Uses	Source
1990	PHIL S PLACE	Pacific Bell
1986	PHIL S PLACE	Pacific Bell
1981	PHIL S PLACE	Pacific Telephone
1971	Zackon Louis	Pacific Telephone
1967	Zackon Louis	Pacific Telephone
1929	Brelsford Thos S Minnie used autos	Los Angeles Directory Co.

1225 S BROADWAY

Year	Uses	Source
1970	HOST-O-MATIC CATERERS	Pacific Telephone

S BROADWAY ST

1144 S BROADWAY ST

Year	Uses	Source
2006	TRADING	Haines Company, Inc
	INTERNATIONAL	Haines Company, Inc
	LUCKY	Haines Company, Inc

1149 S BROADWAY ST

Year	Uses	Source
2006	J 8 B CARDS & GIFT	Haines Company, Inc

S MAIN

1100 S MAIN

Year	Uses	Source
1990	NEW TIMES CO	Pacific Bell
1986	GOLDSTONE IMPORTS	Pacific Bell
1981	FURNITURE DISCOUNTS	Pacific Telephone
	FURNITURE DISCOUNTS	Pacific Telephone
	AT FURNITURE CO INC	Pacific Telephone
1971	Furniture Discounts	Pacific Telephone
	Furniture Discounts	Pacific Telephone
	At Your Service furn & appls	Pacific Telephone
1967	Furniture Discounts	Pacific Telephone
	Furniture Discounts	Pacific Telephone
	At Your Serv furn & appls	Pacific Telephone
1942	Mc GOUGH Sarah	Los Angeles Directory Co.
1937	Vanderpool Dominick Ruth auto accessories	Los Angeles Directory Co.
1929	WEST Coast Auto Supply Dominick Vanderpool mgr	Los Angeles Directory Co.
1924	WARNER Walter J glasswkr r	Los Angeles Directory Co.
	FRIEDMANS Auto Supply Co Frank Moss sngr	Los Angeles Directory Co.

1101 S MAIN

Year	Uses	Source
1981	OUTPOST	Pacific Telephone
	FELDMAN KEN NEWPORT CLOTHES	Pacific Telephone
1942	Angelica Jacket Co J D Alschuler mgr	Los Angeles Directory Co.
1937	Angelica Jacket Co of Calif A J Levy St Louis pres J D Alschuler sec	Los Angeles Directory Co.
1933	Angelica Jacket Co Jay D Alschuler sec uniforms	Los Angeles Directory Co.
1929	MERCHANTS NATIONAL TRUST & SAVINGS BANK Eleventh and Main Office W W Bilbo Mgr	Los Angeles Directory Co.
1924	QUINN DRUG CO Frank D Quinn	Los Angeles Directory Co.

1102 S MAIN

Year	Uses	Source
1990	CONSTANT IMPORTS	Pacific Bell
1986	CONSTANT IMPORTS	Pacific Bell
1971	Santa Rita Cafe	Pacific Telephone

FINDINGS

Year	Uses	Source
1967	Santa Rita Cafe	Pacific Telephone
1962	Santa Rita Cafe	Pacific Telephone
1942	ROBERTS Saml shoe shiner	Los Angeles Directory Co.
	Klemtner Harry Rebecca R cigars	Los Angeles Directory Co.
	Girard Adoph S barber	Los Angeles Directory Co.
1937	Klemtner Harry Rebecca cigars	Los Angeles Directory Co.
	HEALEY Lee Emma drain cable mfr	Los Angeles Directory Co.
	Ferrante Chas P Hortense barber	Los Angeles Directory Co.
1933	OBRIEN Danl L Alice plstr	Los Angeles Directory Co.
	Ferrando Chas P Hortense barber	Los Angeles Directory Co.
1929	Katz Abr Esther shoes	Los Angeles Directory Co.
	HEALEY Lee D barber	Los Angeles Directory Co.
1924	HEALEY Lee barber	Los Angeles Directory Co.

1104 S MAIN

Year	Uses	Source
1990	YOUNG & CO	Pacific Bell
1986	ALVARADO MARIA T	Pacific Bell
	PINEDA ELODIA	Pacific Bell
	SANTA RITA HOTEL	Pacific Bell
	YAMAMOTO MINORU	Pacific Bell
1981	ALEMAN AURELIO	Pacific Telephone
	SANTA RITA HOTEL	Pacific Telephone
	YAMAMOTO MINORU	Pacific Telephone
1971	Fujii Tokio	Pacific Telephone
	Nakaoka Mary	Pacific Telephone
	Santa Rita Hotel	Pacific Telephone
1967	Morimoto Masako	Pacific Telephone
	Okuno Sadako	Pacific Telephone
	Santa Rita Hotel	Pacific Telephone
1962	Lindig Minnie F	Pacific Telephone
	Morimoto Masako	Pacific Telephone
	Santa Rita Hotel	Pacific Telephone
1942	KELLY Fred	Los Angeles Directory Co.
	KENDALL Marie Mrs restrwkr	Los Angeles Directory Co.
	Kerblishi Bernard	Los Angeles Directory Co.
	Kleckenstein Marie	Los Angeles Directory Co.
	Koeppel Chet	Los Angeles Directory Co.
	LANE Mark	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	Mangle J	Los Angeles Directory Co.
	Mentages H A	Los Angeles Directory Co.
	MOORE Leslie F ormrywkr KCCo	Los Angeles Directory Co.
	MULLER Xavier	Los Angeles Directory Co.
	Nelson Allen	Los Angeles Directory Co.
	ORR John	Los Angeles Directory Co.
	PACKARD Willard	Los Angeles Directory Co.
	PAYNE Nana	Los Angeles Directory Co.
	Pedrosian John	Los Angeles Directory Co.
	PINE A G	Los Angeles Directory Co.
	Platten M G	Los Angeles Directory Co.
	Price Harry R Erol V mgr Santa Rita Hotel	Los Angeles Directory Co.
	REED J S Mrs	Los Angeles Directory Co.
	ROBERTS Earl	Los Angeles Directory Co.
	Rollinger Mary	Los Angeles Directory Co.
	Sandall M Mrs	Los Angeles Directory Co.
	Santa Rita Hotel	Los Angeles Directory Co.
	SCHINDLER Peter	Los Angeles Directory Co.
	Schrager Bernard	Los Angeles Directory Co.
	SELF Mayne	Los Angeles Directory Co.
	SHERLOCK Ulmont	Los Angeles Directory Co.
	Shine Anna	Los Angeles Directory Co.
	Strong J H	Los Angeles Directory Co.
	Swabey Mary Lou	Los Angeles Directory Co.
	SWEE Margt	Los Angeles Directory Co.
	Van Rossum J H	Los Angeles Directory Co.
	Voll Nanos L	Los Angeles Directory Co.
	Waywood Anton	Los Angeles Directory Co.
	WEISS Louis	Los Angeles Directory Co.
	WILLARD L H	Los Angeles Directory Co.
	Willoughby Alice	Los Angeles Directory Co.
	WRIGHT Elsie	Los Angeles Directory Co.
	Aguilar E R	Los Angeles Directory Co.
	ANDERSON Edw O sta eng SPCo	Los Angeles Directory Co.
	Bates Gene	Los Angeles Directory Co.
	BELL Clifford O restrwkr	Los Angeles Directory Co.
	BELL O K	Los Angeles Directory Co.
	Blanch R	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	Blouch Richd clo ctr	Los Angeles Directory Co.
	Bozelli Louis	Los Angeles Directory Co.
	BRADFORD Sylvia	Los Angeles Directory Co.
	Casse F A Mrs	Los Angeles Directory Co.
	CHRISTENSEN Benj	Los Angeles Directory Co.
	CHRISTENSEN Benj crmry wkr	Los Angeles Directory Co.
	CLEMENTS Sula M	Los Angeles Directory Co.
	COOK Clarence	Los Angeles Directory Co.
	CROSBY Saml mailer Daily News	Los Angeles Directory Co.
	CROSS Genevieve	Los Angeles Directory Co.
	Curnett Geo slsmn	Los Angeles Directory Co.
	Demston D	Los Angeles Directory Co.
	Ewing Floyd A	Los Angeles Directory Co.
	FISH Richd L mailer Daily News	Los Angeles Directory Co.
	FOSTER F H	Los Angeles Directory Co.
	FULTON Jas refiner A N Hake	Los Angeles Directory Co.
	Ganzell Phil	Los Angeles Directory Co.
	GILBERT Kath M	Los Angeles Directory Co.
	Girard J M	Los Angeles Directory Co.
	Hartley B	Los Angeles Directory Co.
	HOPPER Wm	Los Angeles Directory Co.
	Hornett B mrs	Los Angeles Directory Co.
	INGRAM Ed	Los Angeles Directory Co.
	Jaqua C N	Los Angeles Directory Co.
	Jollett Ann	Los Angeles Directory Co.
	Karl Lewis	Los Angeles Directory Co.
	Karnes R E	Los Angeles Directory Co.
	KELLY Dennis	Los Angeles Directory Co.
1937	BELL Phil	Los Angeles Directory Co.
	Benger Maxine Mrs waiter	Los Angeles Directory Co.
	Benger Ralph Maxine	Los Angeles Directory Co.
	BLACK Wm V	Los Angeles Directory Co.
	Bolz Frank	Los Angeles Directory Co.
	BUTLER Martin	Los Angeles Directory Co.
	Calibo Sam	Los Angeles Directory Co.
	CARLSON Paul Kath	Los Angeles Directory Co.
	CASTELLO Jas	Los Angeles Directory Co.
	Chipman Sallie Orr Mrs	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	CLAIRE Walter	Los Angeles Directory Co.
	Clayton M T	Los Angeles Directory Co.
	COLEMAN Wilma	Los Angeles Directory Co.
	Colteriohn Wm	Los Angeles Directory Co.
	Cornelius Harlie L	Los Angeles Directory Co.
	Couper Carrie Mrs	Los Angeles Directory Co.
	COX Minnie	Los Angeles Directory Co.
	CROSLEY S D	Los Angeles Directory Co.
	DENTON Dorothy	Los Angeles Directory Co.
	ELDER Jos M wtchmn	Los Angeles Directory Co.
	FOSTER F M	Los Angeles Directory Co.
	Frank Andy	Los Angeles Directory Co.
	Ganzel Philip	Los Angeles Directory Co.
	GARRETT Leo B restr	Los Angeles Directory Co.
	GLENN Chas	Los Angeles Directory Co.
	Goldstein Louis	Los Angeles Directory Co.
	Gregory Larry S	Los Angeles Directory Co.
	Harnois Barney	Los Angeles Directory Co.
	Hart Frank Harold L slsmn Leather Supply Co	Los Angeles Directory Co.
	Heffernan Leo S	Los Angeles Directory Co.
	HERING G R	Los Angeles Directory Co.
	Hotchkiss A	Los Angeles Directory Co.
	Hyde C R	Los Angeles Directory Co.
	JOHNSON Carl	Los Angeles Directory Co.
	JOHNSON F R	Los Angeles Directory Co.
	Karl Louis	Los Angeles Directory Co.
	Kaylor J F	Los Angeles Directory Co.
	Kent A J	Los Angeles Directory Co.
	Kirtley Lee	Los Angeles Directory Co.
	Kroman Harry	Los Angeles Directory Co.
	Landrum Ella	Los Angeles Directory Co.
	LANE Mark G	Los Angeles Directory Co.
	Lantz Wm	Los Angeles Directory Co.
	LEONARD R L	Los Angeles Directory Co.
	LOTT Marshall	Los Angeles Directory Co.
	Madden Mollie	Los Angeles Directory Co.
	Madden Pauline waiter	Los Angeles Directory Co.
	Mainzer Louis clk	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	Maisel Wm C Leona lab	Los Angeles Directory Co.
	MATHEWS Hazel	Los Angeles Directory Co.
	Mc CARTY J	Los Angeles Directory Co.
	Mc Gough Sarah	Los Angeles Directory Co.
	Mc KENZIE V C	Los Angeles Directory Co.
	Mc LEOD Jean Mrs	Los Angeles Directory Co.
	Meldrim G D mgr Santa Rita Hotel	Los Angeles Directory Co.
	Roeser Nick	Los Angeles Directory Co.
	Rucker S L Mrs	Los Angeles Directory Co.
	Sandall Irene Mrs	Los Angeles Directory Co.
	Santa Rita Hotel	Los Angeles Directory Co.
	SCHINDLER Peter	Los Angeles Directory Co.
	SCHMIDT Julius H	Los Angeles Directory Co.
	Sessa Mike	Los Angeles Directory Co.
	Shine Annie B Mrs	Los Angeles Directory Co.
	SMITH John P jr clk	Los Angeles Directory Co.
	SMITH Margt	Los Angeles Directory Co.
	SMITH Wm	Los Angeles Directory Co.
	Sotham Thos J	Los Angeles Directory Co.
	STONE R	Los Angeles Directory Co.
	Stott E B Mrs	Los Angeles Directory Co.
	Twerie Sam	Los Angeles Directory Co.
	WATTS O S	Los Angeles Directory Co.
	WELLS Chas	Los Angeles Directory Co.
	WHEELER W S	Los Angeles Directory Co.
	Wohlford C L	Los Angeles Directory Co.
	Woywood Anthony	Los Angeles Directory Co.
	Velowitz I	Los Angeles Directory Co.
	Barnes Leon C	Los Angeles Directory Co.
	MITCHELL Rose Mrs	Los Angeles Directory Co.
	OHara B C	Los Angeles Directory Co.
	OSBORN C J	Los Angeles Directory Co.
	PETERSON M Mrs	Los Angeles Directory Co.
	REEDY Jos M lab	Los Angeles Directory Co.
	Reiplinger S	Los Angeles Directory Co.
	RIDGEWAY Max	Los Angeles Directory Co.
	ROBERTSON Rice	Los Angeles Directory Co.
	ROBINSON E P	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	PHILLIPS Christian I Jessie M mgr Santa Rita Hotel	Los Angeles Directory Co.
	REEDY Jos utilitymn Barker Bros	Los Angeles Directory Co.
	Santa Rita Hotel	Los Angeles Directory Co.
	Temple Herbt F phonograph records	Los Angeles Directory Co.
	Wagemaker Jack wood carver	Los Angeles Directory Co.
	WHITE Jack A chauf	Los Angeles Directory Co.
	WHITE Jewell nurse	Los Angeles Directory Co.
	Whitty Wm wtchmn Troy Lndy	Los Angeles Directory Co.
	Dennery Hugh cigar mkr	Los Angeles Directory Co.
	Driscoll John J	Los Angeles Directory Co.
	Duckworth Walter C eng	Los Angeles Directory Co.
	ELLIS Chas W acct	Los Angeles Directory Co.
	ERNST Geo W Rose cigarmkr	Los Angeles Directory Co.
	FEENEY Thos J formn Western Elec Co	Los Angeles Directory Co.
	Hobbs Alex A	Los Angeles Directory Co.
	KAISER Frank model mkr	Los Angeles Directory Co.
	KAPLAN Max slsmn	Los Angeles Directory Co.
	MORTON Robt P	Los Angeles Directory Co.
	Norlem Andw awning hngr	Los Angeles Directory Co.
1929	ERICKSON Wm H elev constr	Los Angeles Directory Co.
	Ernst Margt mgr Hotel Santa Rita	Los Angeles Directory Co.
	FEENEY Thos J tormn Western Elec Co	Los Angeles Directory Co.
	Feney W E	Los Angeles Directory Co.
	Gallucco Saml R Cal Dairy Lunch	Los Angeles Directory Co.
	Grist M N barber	Los Angeles Directory Co.
	HALL Helen	Los Angeles Directory Co.
	HAYES A F	Los Angeles Directory Co.
	HICKS J L	Los Angeles Directory Co.
	ABBOTT A	Los Angeles Directory Co.
	Andros Nick D waiter	Los Angeles Directory Co.
	Barshfield B	Los Angeles Directory Co.
	Baslines H Alex restr	Los Angeles Directory Co.
	Battini E D	Los Angeles Directory Co.
	Batup R W	Los Angeles Directory Co.
	Baugh J D slsmn	Los Angeles Directory Co.
	Bresnahan Delia Mrs restrwkr	Los Angeles Directory Co.
	BROWN D C	Los Angeles Directory Co.
	BROWN J C	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	BUCKLEY H A	Los Angeles Directory Co.
	Cabell Rich H jr pres Standred Litho Co	Los Angeles Directory Co.
	Catt J W	Los Angeles Directory Co.
	CLARK E G	Los Angeles Directory Co.
	Clay E P waiter	Los Angeles Directory Co.
	Clay Emily P waiter	Los Angeles Directory Co.
	DANIELSON Oscar	Los Angeles Directory Co.
	DAVEY W slsmn	Los Angeles Directory Co.
	Driscoll John C	Los Angeles Directory Co.
	Duckworth C W	Los Angeles Directory Co.
	DUCKWORTH Walter C cafeteriawkr	Los Angeles Directory Co.
	ELLIS Chas W wtchmn	Los Angeles Directory Co.
	Epp F F W	Los Angeles Directory Co.
	Ericks W elev repr	Los Angeles Directory Co.
	HOTEL Santa Rita Margt Ernst mgr	Los Angeles Directory Co.
	HUNT E D lino opr	Los Angeles Directory Co.
	Jennison E K slsmn M A Newmark & Co	Los Angeles Directory Co.
	Jifleres Gust cook	Los Angeles Directory Co.
	KELLER Henry J tailor	Los Angeles Directory Co.
	Kiegert Wm E fixt asmblr	Los Angeles Directory Co.
	Kiekert Wm E asmblr	Los Angeles Directory Co.
	LANE M G	Los Angeles Directory Co.
	Lazar M clk	Los Angeles Directory Co.
	Loof V	Los Angeles Directory Co.
	Loughlin Richd M clk	Los Angeles Directory Co.
	Lucia Edwin A	Los Angeles Directory Co.
	MALONE Dwight clk	Los Angeles Directory Co.
	Manners Dorothy R waiter	Los Angeles Directory Co.
	Manners J W mech	Los Angeles Directory Co.
	MILES J K slsmn	Los Angeles Directory Co.
	MILES John R F real est	Los Angeles Directory Co.
	Miltenberger M	Los Angeles Directory Co.
	MULLER Harry carp	Los Angeles Directory Co.
	MURPHY M A lab	Los Angeles Directory Co.
	PALMER Robt lab	Los Angeles Directory Co.
	PARK Lowell W restr	Los Angeles Directory Co.
	Pimentel Antonio waiter	Los Angeles Directory Co.
	RAY Danl sign pntr r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	Replinger S r	Los Angeles Directory Co.
	Robson Al waiter r	Los Angeles Directory Co.
	Ryling John r	Los Angeles Directory Co.
	SCHINDLER Peter r	Los Angeles Directory Co.
	SCHMIDT Julius H pharm r	Los Angeles Directory Co.
	SCHOLZ Eleanor M slsldy r	Los Angeles Directory Co.
	SHERMAN Robt F clk r	Los Angeles Directory Co.
	SMITH C R r	Los Angeles Directory Co.
	SMITH J F r	Los Angeles Directory Co.
	Salberg E r	Los Angeles Directory Co.
	Stallings C B chauf r	Los Angeles Directory Co.
	TEMPLE Herbt record exch	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
	Timberlake Orville A slsmn L A Spring & Forge Co r	Los Angeles Directory Co.
	Vokos Geo P lab r	Los Angeles Directory Co.
	Vokos Willie T waiter r	Los Angeles Directory Co.
	Wagemaker Jacob wood carver r	Los Angeles Directory Co.
	WEST K F waiter r	Los Angeles Directory Co.
	WHITE John chauf	Los Angeles Directory Co.
	WILKINS John r	Los Angeles Directory Co.
1924	ALLEN Frank F eng City Eng r	Los Angeles Directory Co.
	h	Los Angeles Directory Co.
	Ashby Anna F Mrs slswmn r	Los Angeles Directory Co.
	Atleson Andw meat ctr r	Los Angeles Directory Co.
	Badney David r	Los Angeles Directory Co.
	Bailscher W E r	Los Angeles Directory Co.
	BODEN Saml E carp r	Los Angeles Directory Co.
	Bradshaw P C eng r	Los Angeles Directory Co.
	BRUBAKER Henry J acct and chairman of Illinois State Society r	Los Angeles Directory Co.
	Eggerman John elecr r	Los Angeles Directory Co.
	GRADY Julia Mrs mgr Santa Rita Hotel r	Los Angeles Directory Co.
	Gres Jos M electr r	Los Angeles Directory Co.
	HAYS A F r	Los Angeles Directory Co.
	Hedstrom A A r	Los Angeles Directory Co.
	HUTCHISON Kenneth clk h	Los Angeles Directory Co.
	Keebler R P carp r	Los Angeles Directory Co.
	Knoch L S carp r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Krnoch Louie S fl wkr r	Los Angeles Directory Co.
	Lane N G jeweler r	Los Angeles Directory Co.
	LAUGHLIN J P r	Los Angeles Directory Co.
	MANNING Clem foremn City Park Dept r	Los Angeles Directory Co.
	Miller A M clv eng r	Los Angeles Directory Co.
	MILLER Saml Cigar Mkr r	Los Angeles Directory Co.
	Oie Lars mach r	Los Angeles Directory Co.
	Presley Gertrude clk r	Los Angeles Directory Co.
	PRICE Frank r	Los Angeles Directory Co.
	Prickett Jack M mach r	Los Angeles Directory Co.
	Renaud E r	Los Angeles Directory Co.
	Ringer Merwin C clk r	Los Angeles Directory Co.
	Rowe Cecil clk r	Los Angeles Directory Co.
	ROWAN Wm A clk r	Los Angeles Directory Co.
	SHERMAN Robt F clk r	Los Angeles Directory Co.
	Stader Floyd K clk r	Los Angeles Directory Co.
	TAYLOR Arnett r	Los Angeles Directory Co.
	Teney T J r	Los Angeles Directory Co.
	THOMPSON F E cond r	Los Angeles Directory Co.
	UNDERWOOD Rex M mailer r	Los Angeles Directory Co.

1105 S MAIN

Year	Uses	Source
1981	LEVITT LOUIS CLTH CUTNG MACHS	Pacific Telephone
1971	Levitt Louis clth cutng machs	Pacific Telephone
1967	Levitt Harry cloth cutng machs	Pacific Telephone
	Levitt Louis cloth cutng machs	Pacific Telephone
1962	Mar Mel of California Inc	Pacific Telephone
	Terry Time of California	Pacific Telephone
1937	WESTERN SCIENTIFIC CO H R Posch Pres S L Fox V Pres Saml Fox Treas Scientific Apparatus Laboratory Equipment Reagents and Chemicals	Los Angeles Directory Co.
1933	WESTERN SCIENTIFIC CO LTD H R Posch Pres S L Fox V Pres Saml Fox Treas Scientific Apparatus Laboratory Equipment Reagents	Los Angeles Directory Co.
1929	GOODWIN Wm K formn Western Elec Co	Los Angeles Directory Co.

FINDINGS

1106 S MAIN

Year	Uses	Source
1990	SEOUL CORP	Pacific Bell
1986	SEOUL CORP	Pacific Bell
1962	PENNINO MUSIC CO INC	Pacific Telephone
1933	Mc Logan Jos L sign painters supplies	Los Angeles Directory Co.
1929	Mc Logan Jos L pntrs supplies	Los Angeles Directory Co.
	CHAMBERS Wm mailer	Los Angeles Directory Co.
1924	Hinman Ralph hlpr r	Los Angeles Directory Co.
	EMPIRE Rubber Co H H Shouse	Los Angeles Directory Co.

1107 S MAIN

Year	Uses	Source
1990	COSMO MERCHANTS	Pacific Bell
	SHIN S TRADING CO	Pacific Bell
1986	COSMO MERCHANTS	Pacific Bell
1981	COSMO MERCHANTS	Pacific Telephone
1971	Harris Leather Co	Pacific Telephone
1967	Harris Leather Co	Pacific Telephone
1962	Harris Leather Co	Pacific Telephone
1942	CALVERT Fred V Lilly bartndr	Los Angeles Directory Co.

1108 S MAIN

Year	Uses	Source
1990	BROTHERS ENTERPRISES	Pacific Bell
1986	BROTHERS ENTERPRISES	Pacific Bell
1981	MAJESTIC SEWING MACHINE CO	Pacific Telephone
1971	Mark Of California	Pacific Telephone
1937	Mc Logan J L sign pntrs supps	Los Angeles Directory Co.
1929	JONES Orvil Coml Auto Parking	Los Angeles Directory Co.
	Colgan Neil furn	Los Angeles Directory Co.
1924	Huyett Guy L auto parts	Los Angeles Directory Co.

1110 S MAIN

Year	Uses	Source
1990	FRANCISCAN MERCHANDISE INC	Pacific Bell
1986	FRANCISCAN INTERNATL CO	Pacific Bell
1981	ABERDEEN ART & PICTURE FRAME CO	Pacific Telephone
1971	ABERDEEN ART & PICTURE FRAME CO	Pacific Telephone

FINDINGS

Year	Uses	Source
1967	ABERDEEN ART & PICTURE FRAME CO	Pacific Telephone
1962	ABERDEEN ART & PICTURE FRAME CO	Pacific Telephone
1942	Picconi Julius plmb	Los Angeles Directory Co.
1929	Camping Equipment Co M T Gardiner mgr	Los Angeles Directory Co.
	CELLULOID SHEET CO THE M T Gardiner Mgr	Los Angeles Directory Co.
1924	Exchange Auto Wrecking Co A J Davis	Los Angeles Directory Co.

1114 S MAIN

Year	Uses	Source
1990	LATA GIFTS AND TOYS	Pacific Bell
1986	LATA GIFTS AND TOYS	Pacific Bell
1942	NORRIS Willie shoe shiner	Los Angeles Directory Co.
1937	Storgaard Niels auto park	Los Angeles Directory Co.
	NORRIS Wm shoe shiner	Los Angeles Directory Co.
1929	Eyraud & Bowers D A Eyraud T G Bowers used cars	Los Angeles Directory Co.
1924	Stallard Rob uned carw	Los Angeles Directory Co.
	Wilhite Jack M used cars	Los Angeles Directory Co.

1116 S MAIN

Year	Uses	Source
1990	HAPPY BUYING INC	Pacific Bell
1986	HAPPY BUYING INC	Pacific Bell
1942	Schaub Alex uphol	Los Angeles Directory Co.
1937	KEMP Bros P R and J B motorcycles	Los Angeles Directory Co.
1933	HENDERSON Motorcycle Sales Co P R Kemp pres F J Mc Guire v pres J B Kemp sec treas	Los Angeles Directory Co.
1924	Mc KINNEY Harry G used cars	Los Angeles Directory Co.

1118 S MAIN

Year	Uses	Source
1990	HUA FONG ENTERPRISE CORP	Pacific Bell
1986	GOLDEN ISLAND INTERNATL INC	Pacific Bell
1929	Chudacoff Harry Edith used cars	Los Angeles Directory Co.
	MASTERS H M slsmn Pashley Inv Co	Los Angeles Directory Co.

FINDINGS

1120 S MAIN

Year	Uses	Source
1990	PAEK S JEWELRY	Pacific Bell
1986	PAEK S JEWELRY	Pacific Bell
1981	SMALLCOMB ELECTRIC CO	Pacific Telephone
1975	SMALLCOMB ELECTRIC CO	Pacific Telephone
1971	FLEXAUST CO distrs	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
	Stearns Electric Corporation	Pacific Telephone
1967	FLEXAUST CO distr	Pacific Telephone
1966	SMALLCOMB ELECTRIC CO	Pacific Telephone
1962	BAUER ELECTRIC MOTOR CO distr	Pacific Telephone
	FLEXAUST CO distr	Pacific Telephone
	ILG AUTHORIZED ELECTRIC FAN SERV STN	Pacific Telephone
	Parts & Service Depot	Pacific Telephone
	MASTER ELECTRIC DIV OF RELIANCE ELECTRIC & ENGINEERING CO	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
1960	SMALLCOMB ELECTRIC CO	Pacific Telephone
1957	SMALLCOMB ELECTRIC CO	Pacific Telephone
1950	SMALLCOMB ELEC CO	Pacific Telephone
1942	Smallcomb Electric Co C T Smallcomb mgr	Los Angeles Directory Co.
1937	Nazareth N radios	Los Angeles Directory Co.
1933	FOWLER Walt Ltd W E Fowler Pres autos	Los Angeles Directory Co.
1929	ROBERTS Billy Myra signs	Los Angeles Directory Co.

1122 S MAIN

Year	Uses	Source
1990	CPK TRADING CORP	Pacific Bell

1123 S MAIN

Year	Uses	Source
1990	KML ENTERPRISE	Pacific Bell
1986	KML ENTERPRISE	Pacific Bell
1942	CARR Chas A garage	Los Angeles Directory Co.
1937	CARR Chas A garage	Los Angeles Directory Co.
	Spitz Jack P garmtwkr	Los Angeles Directory Co.
1924	LOS ANGELES Cycle Club	Los Angeles Directory Co.

FINDINGS

1124 S MAIN

Year	Uses	Source
1990	CHAMPION IMPORTS	Pacific Bell

1125 S MAIN

Year	Uses	Source
1990	PRICE MART	Pacific Bell
1929	CARTER Jos F Virginia used cars	Los Angeles Directory Co.

1126 S MAIN

Year	Uses	Source
1990	NEW FORMOSA ENTERPRISES INC	Pacific Bell
1986	NEW FORMOSA ENTERPRISES INC	Pacific Bell
1929	Apel Hugo A sew mach	Los Angeles Directory Co.
	Mc NAUGHTON & Rogers W A Mc Naughton T P Rogers mfrs agts	Los Angeles Directory Co.
1924	ROBERTS Billy signs	Los Angeles Directory Co.

1127 S MAIN

Year	Uses	Source
1990	LEONA INTERNATL INC	Pacific Bell
1986	MAIN ACE JEWELRY CO	Pacific Bell
1971	D Typesetting Co	Pacific Telephone
1967	Main Litho Negs & Plate Serv	Pacific Telephone
1962	Hansen Tacker & Stapling Agcy stapling devices	Pacific Telephone
	Acme Staple Agcy stapling devices	Pacific Telephone
	Active Sales Co stapling devices	Pacific Telephone
	ACTIVE SALES CO stapling devices	Pacific Telephone
	Chuey S E Active Sales Co stapling devices	Pacific Telephone
1942	LIBERTY Press Irving Dorfman Herman Warshaw	Los Angeles Directory Co.
1937	Kurkjian Armenag Nourissa printing	Los Angeles Directory Co.
	PIERCE Gus Co Gus Pierce Mrs Joyce Macbeth printing	Los Angeles Directory Co.
	PIERCE Gus Co Gus Pierce Mrs Joyce Macbeth printing	Los Angeles Directory Co.
1929	Baskin Louis Rose tires	Los Angeles Directory Co.
1924	BERK S & E Saml and Edwd tires	Los Angeles Directory Co.

FINDINGS

1128 S MAIN

Year	Uses	Source
1990	YELLOWSTONE INTERNATL	Pacific Bell

1130 S MAIN

Year	Uses	Source
1990	ANA TRADING CO	Pacific Bell
1986	FIESTA TRADING	Pacific Bell
1942	COMMERCIAL Credit Co whs R S Klienck whsmn	Los Angeles Directory Co.
1937	PEREZ Julio Kathleen used cars	Los Angeles Directory Co.

1131 S MAIN

Year	Uses	Source
1990	MAIN ELEVEN	Pacific Bell
1986	ROYAL A CO	Pacific Bell
1971	CALIFORNIA BELTING & LEATHER CO	Pacific Telephone
	California Leather & Belting Co	Pacific Telephone
1967	California Leather & Belting Co	Pacific Telephone
	CALIFORNIA BELTING & LEATHER CO	Pacific Telephone
1962	California Leather & Belting Co	Pacific Telephone
	CALIFORNIA BELTING & LEATHER CO	Pacific Telephone
1942	HAMMER Harry H signs	Los Angeles Directory Co.
1937	Hammerman Harry H sign pntr	Los Angeles Directory Co.
1933	GREEN & Critelle L J Green F F Critelle mach	Los Angeles Directory Co.
1929	Hengen Maude restr	Los Angeles Directory Co.
1924	COHEN Harry auto wrecker	Los Angeles Directory Co.

1132 S MAIN

Year	Uses	Source
1990	JUNE TRADING	Pacific Bell
1986	Y & S INTERNATIONAL CO INC	Pacific Bell
1967	ALS AUTO TOP SHOP	Pacific Telephone
	Als Seat Covers	Pacific Telephone
	Als Top Shop Auto	Pacific Telephone
	Garcia Albert H Als Auto Top Shop	Pacific Telephone
	Office Craft uphlstrng	Pacific Telephone
1962	Als Seat Covers	Pacific Telephone
	Als Top Shop Auto	Pacific Telephone
	Garcia Albert H Als Auto Top Shop	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	ALS AUTO TOP SHOP	Pacific Telephone
1942	Garcia Albt H Vivian W auto tops	Los Angeles Directory Co.
1937	Farmer Herbt E Laura C auto pntr	Los Angeles Directory Co.
	Freds Auto Tops Fred Estrella A H Garcia	Los Angeles Directory Co.
1929	PETERSEN Motor Car Co Martin Petersen	Los Angeles Directory Co.

1133 S MAIN

Year	Uses	Source
1990	TRANS JEWELRY & ACCESSORIES	Pacific Bell
1986	TRANS JEWELRY & ACCESSORIES	Pacific Bell
1937	Lawson Neal jan	Los Angeles Directory Co.
1929	Melcher Harry I Goldie locksmth	Los Angeles Directory Co.

1135 S MAIN

Year	Uses	Source
1990	JC TRADING CO	Pacific Bell
	LLOYD SUNGLASSES INC	Pacific Bell
	SUNGLASSES SUPPLY CO	Pacific Bell
1986	J C TRADING CO	Pacific Bell
	LLOYD SUNGLASSES INC	Pacific Bell
	SUNGLASSES SUPPLY CO	Pacific Bell
1971	Samaha Fredrick A Real Estate Broker	Pacific Telephone
1942	KELLY Jas F used cars	Los Angeles Directory Co.
1937	Kelly Jas F Used cars	Los Angeles Directory Co.
1933	SHER Matrtin A Minnie used cars	Los Angeles Directory Co.
1924	NEELEY Milton C used autos	Los Angeles Directory Co.

1137 S MAIN

Year	Uses	Source
1990	WATCH & JEWELRY CO	Pacific Bell
	KORUS PANTYHOSE	Pacific Bell
	GEMS & JEWELRY	Pacific Bell
	PERFECT TIME INC	Pacific Bell
	WATCH & JEWELRY CO	Pacific Bell
	WATCH & JEWELRY CO	Pacific Bell
1986	WATCH & JEWELRY CO	Pacific Bell
	WATCH & JEWELRY CO	Pacific Bell
	PERFECT TIME INC	Pacific Bell
	KORUS PANTYHOSE	Pacific Bell

Year	Uses	Source
1986	KORUS COSMETIC & FRAGRANCE	Pacific Bell
	KINGDOM ELECTRONICS	Pacific Bell
	KINGDOM	Pacific Bell
	JEWELRY KINGDOM INC	Pacific Bell
1981	L MONDE INTERNATIONAL	Pacific Telephone
	LE MONDE INTERNATIONAL	Pacific Telephone
	LA MONDE INTERNATIONAL	Pacific Telephone
1929	Grumman J R used cars	Los Angeles Directory Co.

1140 S MAIN

Year	Uses	Source
1990	S N S MERCHANDISE INC	Pacific Bell

1142 S MAIN

Year	Uses	Source
1990	ALPHA	Pacific Bell

1144 S MAIN

Year	Uses	Source
1990	RAINBOW ACCESSORIES	Pacific Bell
	RAINBOW TRADING	Pacific Bell

1146 S MAIN

Year	Uses	Source
1990	FIRST TRADING	Pacific Bell

1150 S MAIN

Year	Uses	Source
1990	AMERICA TRADING	Pacific Bell
1962	Sullivan Printng Co	Pacific Telephone
	Sullivan Frank J Sullivan Printng Co	Pacific Telephone
1933	GLASER Isaac Rebecca furn	Los Angeles Directory Co.
1929	ECONOMY Furniture Co Isaac Glaser Morris Pivovitz	Los Angeles Directory Co.

1151 S MAIN

Year	Uses	Source
1990	PRESTIGE PLUS	Pacific Bell
	BEAUGAL FASHION JEWLERY	Pacific Bell
	CHARMING	Pacific Bell
1981	FEIT CO INC	Pacific Telephone

Year	Uses	Source
1981	FEIT CO THE	Pacific Telephone
	FEITSEW	Pacific Telephone
1942	MOORE & Pfeif Philip Moore Carl Pfeif I auto repre	Los Angeles Directory Co.
1933	Martin Alfd used cars	Los Angeles Directory Co.

1152 S MAIN

Year	Uses	Source
1990	MAX TRADING	Pacific Bell
	MAX TRADING	Pacific Bell
1986	PRESTIGE TRADING CORP	Pacific Bell
1942	KAUFMAN Theo Celia used furn	Los Angeles Directory Co.

1154 S MAIN

Year	Uses	Source
1990	BAE KYONG SIK	Pacific Bell

1155 S MAIN

Year	Uses	Source
1990	D H IMPORTS	Pacific Bell
	J & S TRADING CO	Pacific Bell
1937	Dikey Sander used cars	Los Angeles Directory Co.

1156 S MAIN

Year	Uses	Source
1990	CALIFORNIA A-1 COMPANY	Pacific Bell
1986	SANTEE ACCESSORIES & GIFTS	Pacific Bell
1981	S P CAMBRIDGE	Pacific Telephone
	SAMPOONG	Pacific Telephone
1971	RAFAELIS CUTTING SERVICE	Pacific Telephone
1967	Dinos Cutting Service	Pacific Telephone
1962	KOLSKY MAX Ilthgrphrs eq	Pacific Telephone
1942	FISHER Noah W Pianos	Los Angeles Directory Co.
1933	FISHER Noah W sewing machs	Los Angeles Directory Co.
1929	Mizpah Ignition Works J A Nash	Los Angeles Directory Co.
	GUARANTEED AUTO SERVICE F L Carlyle Expert Auto Repairs Brake Specialist Ignition Etc	Los Angeles Directory Co.
1924	Rosen Saml auto wrecking	Los Angeles Directory Co.

FINDINGS

1157 S MAIN

Year	Uses	Source
1990	COLOR CIRCLE CORP	Pacific Bell
1942	Izenman Aaron Edith restr	Los Angeles Directory Co.
1929	Clare Bros J A and F E used cars	Los Angeles Directory Co.

1158 S MAIN

Year	Uses	Source
1990	TREASURE COSTUME JEWELRY	Pacific Bell
1942	BALLARD Kenna M Cecile tires	Los Angeles Directory Co.
1937	BALLARD Kenna M Cecil tires	Los Angeles Directory Co.
	Ballard Kenna M Cecil tires	Los Angeles Directory Co.
1933	Ouzoumian Vahran Yeonige tires	Los Angeles Directory Co.
1929	Ouzounsan Vachran tires	Los Angeles Directory Co.
1924	Woodworths rest	Los Angeles Directory Co.

1159 S MAIN

Year	Uses	Source
1990	COLOR SENSE	Pacific Bell
	HOSANNA INC	Pacific Bell
	SILKROAD TRADING CO	Pacific Bell
1981	L SHAPIRO SEWING MACHINE CO	Pacific Telephone
	SHAPIRO L SEWING MACHINE CO	Pacific Telephone
1971	Franks Discount Store	Pacific Telephone
1937	Limper Andw F Marie S restr	Los Angeles Directory Co.
1929	Goldenberg Benj Lena furn	Los Angeles Directory Co.
1924	cigars	Los Angeles Directory Co.
	Byrds Pharmacy C G Byrd	Los Angeles Directory Co.
	ILES AYARS Geo mach r	Los Angeles Directory Co.

1160 S MAIN

Year	Uses	Source
1981	WALT S STEAM & ELECTRIC IRON S	Pacific Telephone

1162 S MAIN

Year	Uses	Source
1990	MURRAY S CHECK CASHING	Pacific Bell
1986	MURRAY S CHECK CASHING	Pacific Bell
1981	MURRAYS CAFE INC	Pacific Telephone
1971	Murrays Cafe	Pacific Telephone
1967	Murrays Cafe	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	Murrays Cafe	Pacific Telephone
1942	Halperin Albt restr	Los Angeles Directory Co.
1933	Timpe Marie Mrs restr	Los Angeles Directory Co.
1929	ROSEN Morris E Freda drugs	Los Angeles Directory Co.

1107 1/2 S MAIN

Year	Uses	Source
1990	FOSTER S BARBER SHOP	Pacific Bell

1114 1/2 S MAIN

Year	Uses	Source
1990	BRIGHTER SALES INTERNATL INC	Pacific Bell

1120 1/2 S MAIN

Year	Uses	Source
1990	DEAN AND SONS	Pacific Bell

1122 1/2 S MAIN

Year	Uses	Source
1990	ANN S TRADING CO	Pacific Bell
	ANN S TRADING CO	Pacific Bell

1124 1/2 S MAIN

Year	Uses	Source
1990	MAINLAND TRADING CO	Pacific Bell

1133 1/2 S MAIN

Year	Uses	Source
1990	DAE YANG TRADING	Pacific Bell

1140 1/2 S MAIN

Year	Uses	Source
1990	FASHION SUPPLIES CO	Pacific Bell

1142 1/2 S MAIN

Year	Uses	Source
1990	ANGELS TRADING COMPANY	Pacific Bell

1144 1/2 S MAIN

Year	Uses	Source
1990	MIDO TRADING	Pacific Bell

FINDINGS

Year	Uses	Source
1990	MIDO TRADING	Pacific Bell

1185 1/2 S MAIN

Year	Uses	Source
1981	RAMIREZ LORENZO C	Pacific Telephone

S MAIN ST

1095 S MAIN ST

Year	Uses	Source
1976	Uptons Beverly Barber Shop	Pacific Telephone

S Main St

1100 S Main St

Year	Uses	Source
2014	BAEG MEE SUN	EDR Digital Archive
	CHOICEHANDBAGCOM INC	EDR Digital Archive
2010	CHOICEHANDBAGCOM INC	EDR Digital Archive
	BNB W SQUARE INC	EDR Digital Archive
	BAEG MEE SUN	EDR Digital Archive

S MAIN ST

1100 S MAIN ST

Year	Uses	Source
2006	BAEGMEESUN	Haines Company, Inc
1976	At Furniture Co Inc	Pacific Telephone
	Furniture Discounts	Pacific Telephone
	Furniture Discounts	Pacific Telephone

S Main St

1101 S Main St

Year	Uses	Source
2014	MELIE BIANCO ACCESSORIES INC	EDR Digital Archive

FINDINGS

S MAIN ST

1101 S MAIN ST

Year	Uses	Source
1958	Angelica Uniform Co	Pacific Telephone

S Main St

1102 S Main St

Year	Uses	Source
2014	CONSTANT IMPORT INC	EDR Digital Archive
	CONSTANT TRADING INC	EDR Digital Archive
2010	CONSTANT IMPORT INC	EDR Digital Archive
	CONSTANT TRADING INC	EDR Digital Archive

S MAIN ST

1102 S MAIN ST

Year	Uses	Source
2006	TRADING INC	Haines Company, Inc
	CONSTANT	Haines Company, Inc
	TRADING INC	Haines Company, Inc
	CONSTANT	Haines Company, Inc
1976	Santa Rita Cafe	Pacific Telephone

S Main St

1103 S Main St

Year	Uses	Source
2010	SP HUMAN HAIR CO	EDR Digital Archive
	DOOBAR HAIR CO	EDR Digital Archive

1104 S Main St

Year	Uses	Source
2014	SK ALOHA TRADING	EDR Digital Archive
2010	STARUS TRADING CORPORATION	EDR Digital Archive

FINDINGS

S MAIN ST

1104 S MAIN ST

Year	Uses	Source
2006	CENTER	Haines Company, Inc
	CORPORATION	Haines Company, Inc
	YOUNG	Haines Company, Inc
	COSMETICS&	Haines Company, Inc
	BEAUTY SUPPLY YOUNGS COSMETIC	Haines Company, Inc
	STARUSTRADING	Haines Company, Inc
1976	Santa Rita Hotel	Pacific Telephone
	Yamamoto Minoru	Pacific Telephone
1958	Santa Rita Hotel	Pacific Telephone
	Morimoto Wm	Pacific Telephone

S Main St

1105 S Main St

Year	Uses	Source
2014	BEE CRAZEE	EDR Digital Archive
2010	BEE CRAZEE	EDR Digital Archive

S MAIN ST

1105 S MAIN ST

Year	Uses	Source
1976	Levitt Louis clth cutng machs	Pacific Telephone

S Main St

1106 S Main St

Year	Uses	Source
2014	SP HUMAN HAIR CO	EDR Digital Archive
2010	SILVER SACK LLC	EDR Digital Archive

S MAIN ST

1106 S MAIN ST

Year	Uses	Source
2006	SILVERSACKINC	Haines Company, Inc
1976	Walts Electric & Steam Iron Shop	Pacific Telephone

Year	Uses	Source
1976	WALTS STEAM & ELECTRIC IRONS	Pacific Telephone
1958	Pennino Music Co Inc	Pacific Telephone

S Main St

1107 S Main St

Year	Uses	Source
2014	S H TRADING COMPANY	EDR Digital Archive
	VIOLA PRIDE INC	EDR Digital Archive
2010	VIOLA PRIDE INC	EDR Digital Archive
	S H TRADING COMPANY	EDR Digital Archive

S MAIN ST

1107 S MAIN ST

Year	Uses	Source
2006	VIOLA PRIDE INC	Haines Company, Inc
	DIASPORAINC	Haines Company, Inc
1976	Jack Cohen Cutting Service	Pacific Telephone

S Main St

1108 S Main St

Year	Uses	Source
2014	BROTHERS TRADE INC	EDR Digital Archive
	NICE FASHION INTL INC	EDR Digital Archive
2010	NICE FASHION INTL INC	EDR Digital Archive
	BONITA TRADING	EDR Digital Archive
	BROTHERS TRADE INC	EDR Digital Archive

S MAIN ST

1108 S MAIN ST

Year	Uses	Source
2006	BROTHERS ENTP	Haines Company, Inc
	ENTERPRISES	Haines Company, Inc
	BROTHERS	Haines Company, Inc
	BONITATRADING	Haines Company, Inc
1976	Mariano Sportswear	Pacific Telephone

FINDINGS

S Main St

1110 S Main St

Year	Uses	Source
2014	FRANCISCAN MERCHANDISE INC	EDR Digital Archive
2010	FRANCISCAN MERCHANDISE INC	EDR Digital Archive

S MAIN ST

1110 S MAIN ST

Year	Uses	Source
1976	Aberdeen Artesia & Picture Frame Co	Pacific Telephone
	Holy Mt Calvary Baptist Church	Pacific Telephone
1958	ABERDEEN ART & PICTURE FRAME CO	Pacific Telephone

S Main St

1114 S Main St

Year	Uses	Source
2014	SENSE TRADING	EDR Digital Archive
2010	SENSE TRADING	EDR Digital Archive

S MAIN ST

1114 S MAIN ST

Year	Uses	Source
2006	LATA EXPORTS AND	Haines Company, Inc
	IMPORTS	Haines Company, Inc
	SENSETRADING	Haines Company, Inc

1115 S MAIN ST

Year	Uses	Source
1958	Bost John D	Pacific Telephone

S Main St

1116 S Main St

Year	Uses	Source
2014	NEW WEALTH TRADING INC	EDR Digital Archive
	MIDO TRADING INC	EDR Digital Archive
2010	MIDO TRADING INC	EDR Digital Archive

Year	Uses	Source
2010	NEW WEALTH TRADING INC	EDR Digital Archive

S MAIN ST

1116 S MAIN ST

Year	Uses	Source
2006	HANDBAGS	Haines Company, Inc
	TOSCA LEATHER	Haines Company, Inc
	MIDOTRADING	Haines Company, Inc

S Main St

1118 S Main St

Year	Uses	Source
2014	LIMS CREATION	EDR Digital Archive
2010	NEW RISING SUN	EDR Digital Archive

S MAIN ST

1118 S MAIN ST

Year	Uses	Source
2006	NEWRISINGSUN	Haines Company, Inc

S Main St

1120 S Main St

Year	Uses	Source
2014	LAUREN HAND BAG CO	EDR Digital Archive
2010	LAUREN HAND BAG CO	EDR Digital Archive

S MAIN ST

1120 S MAIN ST

Year	Uses	Source
2006	LAUREN HAND BAG	Haines Company, Inc
	JOYMAXTRADING	Haines Company, Inc
	/s JOYTRADING	Haines Company, Inc
1980	Smallcomb Electric Co	Pacific Telephone
	Smallcomb Electric Company	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
1976	SMALLCOMB ELECTRIC CO	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Smallcomb Electric Co	Pacific Telephone
	Smallcomb Electric Company	Pacific Telephone
1970	SMALLCOMB ELEC CO	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
1965	SMALLCOMB ELEC CB	Pacific Telephone
1964	SMALLCOMB ELECTRIC CO	Pacific Telephone
1962	SMALLCOMB ELEC CO	Pacific Telephone
	SMALLCOMB ELECTRIC CO	Pacific Telephone
1960	SMALLCOMB ELECTRIC CO	Pacific Telephone
1958	SMALLCOMB ELEC CO	Pacific Telephone
	Serv & Repair	Pacific Telephone
	Master Electric Co motor mfrs	Pacific Telephone
	Parts Dept	Pacific Telephone
	Master Electric Co motor mfrs	Pacific Telephone
	Ilg Auth Elec Fan Serv Stn	Pacific Telephone
1957	IMALLCOMB ELECTRIC CO	Pacific Telephone
1956	SMALLCOMB ELECTRIC CO	Pacific Telephone
1950	SMALLCOMB ELEC CO	Pacific Telephone

S Main St

1123 S Main St

Year	Uses	Source
2014	D K HAWAIIAN COLLECTION INC	EDR Digital Archive
2010	MOKA HANDBAGS & ACC LLC	EDR Digital Archive
	PASHA MERCHANTS LLC	EDR Digital Archive

S MAIN ST

1123 S MAIN ST

Year	Uses	Source
2006	ACCESSORIES	Haines Company, Inc
	MOKA HANDBAGS	Haines Company, Inc

FINDINGS

S Main St

1124 S Main St

Year	Uses	Source
2014	PSK TRADING INC	EDR Digital Archive
	SIMPLY YOU	EDR Digital Archive
	BETTER IMP & WHOLESALER ASSN	EDR Digital Archive
2010	SIMPLY YOU	EDR Digital Archive

S MAIN ST

1124 S MAIN ST

Year	Uses	Source
2006	ANATRADING	Haines Company, Inc

S Main St

1125 S Main St

Year	Uses	Source
2014	MAIN ELEVEN TRADING	EDR Digital Archive
2010	MAIN ELEVEN TRADING	EDR Digital Archive

S MAIN ST

1125 S MAIN ST

Year	Uses	Source
2006	ELEVEN MAIN	Haines Company, Inc

S Main St

1126 S Main St

Year	Uses	Source
2014	VICTOR LEE	EDR Digital Archive
	BEJEWELED	EDR Digital Archive
	CONTEMPO USA INC	EDR Digital Archive
2010	CONTEMPO USA INC	EDR Digital Archive
	VICTOR LEE	EDR Digital Archive

FINDINGS

S MAIN ST

1126 S MAIN ST

Year	Uses	Source
2006	CONTEMPO INC USA	Haines Company, Inc
	LEE VICTOR	Haines Company, Inc

S Main St

1127 S Main St

Year	Uses	Source
2010	PRINCESS TRADING INC	EDR Digital Archive
	LEONA INTERNATIONAL INC	EDR Digital Archive

S MAIN ST

1127 S MAIN ST

Year	Uses	Source
2006	RINA RICH	Haines Company, Inc
	HANDBAGS	Haines Company, Inc
1976	D Typesetting Co	Pacific Telephone
1958	Chuey S E Active Sales Co stapling devices	Pacific Telephone
	Hansco Tacker Agcy stapling devices	Pacific Telephone
	Hansen Kling Tite Tacker & Stapling Agcy	Pacific Telephone
	Hansen Tacker & Stapling Agcy stapling devices	Pacific Telephone
	Active Sales Co stapling devices	Pacific Telephone
	Acme Staple Agcy stapling devices	Pacific Telephone
	Active Sales Co stapling devices	Pacific Telephone

S Main St

1128 S Main St

Year	Uses	Source
2014	OUTSHINE INC	EDR Digital Archive
2010	OUTSHINE INC	EDR Digital Archive

FINDINGS

S MAIN ST

1128 S MAIN ST

Year	Uses	Source
2006	OUTSHINE INC	Haines Company, Inc
	OUTSHINEINC	Haines Company, Inc

1129 S MAIN ST

Year	Uses	Source
1976	Capital Sewing Machines & Attachment Co	Pacific Telephone
1958	Irving Sewing Mach Co	Pacific Telephone

S Main St

1130 S Main St

Year	Uses	Source
2014	K P DISTRIBUTING	EDR Digital Archive
2010	K P DISTRIBUTING	EDR Digital Archive
	MAIN TRADING INC	EDR Digital Archive

S MAIN ST

1130 S MAIN ST

Year	Uses	Source
2006	KP DISTRIBUTING	Haines Company, Inc

S Main St

1131 S Main St

Year	Uses	Source
2014	REPETTO INC	EDR Digital Archive
2010	REPETTO INC	EDR Digital Archive
	WONG PATRICK W ARCHITECT	EDR Digital Archive

S MAIN ST

1131 S MAIN ST

Year	Uses	Source
2006	REPETTO INC	Haines Company, Inc
1976	CALIFORNIA BELTING & LEATHER CO	Pacific Telephone
	Calif Leather & Belting Co	Pacific Telephone

Year	Uses	Source
1958	California Leather & Belting Co	Pacific Telephone
	California Belting & Leather Co	Pacific Telephone

S Main St

1132 S Main St

Year	Uses	Source
2014	B J COMPANY	EDR Digital Archive
2010	B J COMPANY	EDR Digital Archive
	Y S INTERNATIONAL CO INC	EDR Digital Archive

S MAIN ST

1132 S MAIN ST

Year	Uses	Source
2006	BJ CO	Haines Company, Inc
1958	Garcia Albert H Als Auto Top Shop	Pacific Telephone
	Als Auto Top Shop	Pacific Telephone
	Als Auto Tops	Pacific Telephone
	Als Top Shop Auto	Pacific Telephone

S Main St

1133 S Main St

Year	Uses	Source
2014	TRANS SUPPLIES	EDR Digital Archive
2010	TRANS SUPPLIES	EDR Digital Archive

S MAIN ST

1133 S MAIN ST

Year	Uses	Source
2006	ROYAL TRADING CO	Haines Company, Inc
	ACCSSRY	Haines Company, Inc
	TRANS JWLRY&	Haines Company, Inc

1134 S MAIN ST

Year	Uses	Source
1958	Stambler Norman P trk pts	Pacific Telephone
	Stambler Norman P truck parts	Pacific Telephone
	Stambler Norman P truck parts	Pacific Telephone

FINDINGS

S Main St

1135 S Main St

Year	Uses	Source
2014	EASY & EASY CORPORATION	EDR Digital Archive
	RASTA WORLD CORP	EDR Digital Archive
2010	RASTA WORLD CORP	EDR Digital Archive
	D K HAWAIIAN COLLECTION INC	EDR Digital Archive
	EASY & EASY CORPORATION	EDR Digital Archive
	LLOYD SUNGLASSES INC	EDR Digital Archive

S MAIN ST

1135 S MAIN ST

Year	Uses	Source
2006	DK HAWAIIAN	Haines Company, Inc
	MARVEL INTERNATL	Haines Company, Inc
	COLLECTION INC	Haines Company, Inc
1976	Samaha Fredrick A Real Estate Broker	Pacific Telephone

S Main St

1137 S Main St

Year	Uses	Source
2014	DANIEL BEAUTY SUPPLY	EDR Digital Archive
2010	DANIEL BEAUTY SUPPLY	EDR Digital Archive
	MEDESIGN	EDR Digital Archive
	ADORO COSMETICS CO	EDR Digital Archive

S MAIN ST

1137 S MAIN ST

Year	Uses	Source
2006	SUPPLY	Haines Company, Inc
	DANIEL BEAUTY	Haines Company, Inc

S Main St

1140 S Main St

Year	Uses	Source
2014	TWO TEN US TRADING CORP	EDR Digital Archive

Year	Uses	Source
2010	TWO TEN US TRADING CORP	EDR Digital Archive

S MAIN ST

1140 S MAIN ST

Year	Uses	Source
2006	210 USTRADING	Haines Company, Inc

S Main St

1142 S Main St

Year	Uses	Source
2010	LIMS CREATION	EDR Digital Archive

S MAIN ST

1142 S MAIN ST

Year	Uses	Source
2006	Vi ANABEL	Haines Company, Inc
	UMS CREATIONS	Haines Company, Inc
	/s ANABEL FASHION	Haines Company, Inc
	COLLECTIONS INC	Haines Company, Inc

S Main St

1144 S Main St

Year	Uses	Source
2014	POINT 22 INC	EDR Digital Archive
	MISSY USA INC	EDR Digital Archive
2010	POINT 22 INC	EDR Digital Archive

S MAIN ST

1144 S MAIN ST

Year	Uses	Source
2006	LE SAC HANDBAG	Haines Company, Inc
	POINT 221 NC	Haines Company, Inc

FINDINGS

S Main St

1146 S Main St

Year	Uses	Source
2014	JUNE TRADING CO	EDR Digital Archive
2010	JUNE TRADING CO	EDR Digital Archive

S MAIN ST

1146 S MAIN ST

Year	Uses	Source
2006	JUNE TRADING	Haines Company, Inc
	JUNETRADING	Haines Company, Inc

S Main St

1150 S Main St

Year	Uses	Source
2014	SIERRA TRADING INC	EDR Digital Archive
2010	ZENMA INC	EDR Digital Archive
	SIERRA TRADING INC	EDR Digital Archive

S MAIN ST

1150 S MAIN ST

Year	Uses	Source
2006	JAYDEE DESIGNS	Haines Company, Inc
	SIERRATRADING	Haines Company, Inc
1958	Sullivan Printng Co	Pacific Telephone

1151 S MAIN ST

Year	Uses	Source
2006	SC 2000 INC	Haines Company, Inc
	KORUS PANTYHOSE	Haines Company, Inc

S Main St

1152 S Main St

Year	Uses	Source
2010	MPACT ACCESSORIES INC	EDR Digital Archive

FINDINGS

1154 S Main St

Year	Uses	Source
2014	MAIN GROUP TOYS INC	EDR Digital Archive
2010	MAIN GROUP TOYS INC	EDR Digital Archive

1155 S Main St

Year	Uses	Source
2010	J&S TRADING CO	EDR Digital Archive

S MAIN ST

1155 S MAIN ST

Year	Uses	Source
2006	SHTRADING	Haines Company, Inc

S Main St

1156 S Main St

Year	Uses	Source
2010	ZEN IN HO KIM	EDR Digital Archive

S MAIN ST

1156 S MAIN ST

Year	Uses	Source
2006	ZEN	Haines Company, Inc
1976	NICRAY GARMENT MFG SERVICE	Pacific Telephone
1958	Kolsky Max lithgrphrs eq	Pacific Telephone

S Main St

1157 S Main St

Year	Uses	Source
2014	PRO VISION SG CO	EDR Digital Archive
2010	PRO VISION SG CO	EDR Digital Archive

S MAIN ST

1157 S MAIN ST

Year	Uses	Source
2006	GLASSES CO	Haines Company, Inc
	PROVISION SUN	Haines Company, Inc

FINDINGS

S Main St

1158 S Main St

Year	Uses	Source
2010	HANDBAGS INTERNATIONAL	EDR Digital Archive

S MAIN ST

1158 S MAIN ST

Year	Uses	Source
2006	LEXY HANDBAG	Haines Company, Inc

S Main St

1159 S Main St

Year	Uses	Source
2014	KIM SANG HWAL	EDR Digital Archive
	FAST VHCLES RGSTRTION SVCS LLC	EDR Digital Archive
	GIANNI ROTTI (USA) CORP	EDR Digital Archive
2010	HANDBAG PLUS	EDR Digital Archive
	RUIDA ENTERPRISES INC	EDR Digital Archive
	COLOR SENSE	EDR Digital Archive
	KATHIE FASHION INC	EDR Digital Archive
	KIM SANG HWAL	EDR Digital Archive

S MAIN ST

1159 S MAIN ST

Year	Uses	Source
2006	ENTERPRISES INC	Haines Company, Inc
	RUIDA	Haines Company, Inc
	KATHIE FASHION	Haines Company, Inc
	HANDBAG PLUS	Haines Company, Inc
1976	Nadler Sales	Pacific Telephone
1958	Crest Embroidery Co	Pacific Telephone

1161 S MAIN ST

Year	Uses	Source
1976	WINSTON TIRE COMPANY Los Angeles Stores	Pacific Telephone
1958	Perfect Made Tire Co	Pacific Telephone

Year	Uses	Source
1958	NOVISOFF & SONS TIRE CO	Pacific Telephone

S Main St

1162 S Main St

Year	Uses	Source
2014	GENERAL PERFUME STORE	EDR Digital Archive
2010	GENERAL PERFUME STORE	EDR Digital Archive

S MAIN ST

1162 S MAIN ST

Year	Uses	Source
2006	MIGUEL	Haines Company, Inc
	GENL PERFUME STORE	Haines Company, Inc
	PERFUMELAND DBA	Haines Company, Inc
1976	Murrays Cafe	Pacific Telephone
1958	Murrays Cafe	Pacific Telephone

SOUTH BROADWAY

1116 SOUTH BROADWAY

Year	Uses	Source
1924	UNITED STATES MORTGAGE CO OF CALIFORNIA M J Koppel Pres H L Harris V Pres Frank Dwiggins Sec Treas Suite	Los Angeles Directory Co.

1120 SOUTH BROADWAY

Year	Uses	Source
1924	ARCHITECTURAL & ENGINEERING CO William J Kitts suite	Los Angeles Directory Co.
	KITTS WILLIAM J Mortgage Loans Suits	Los Angeles Directory Co.

1126 SOUTH BROADWAY

Year	Uses	Source
1929	SECURITY CLAIMS BUREAU Heber B Schultess Mgr Automobile and Rallroad Personal Injury Adjusters Suite	Los Angeles Directory Co.

FINDINGS

1132 SOUTH BROADWAY

Year	Uses	Source
1924	NATIONAL PAVEMENTS CORPORATION OF CALIFORNIA Walter Heinecke V Pres and Gen Mgr Suite	Los Angeles Directory Co.

W 11TH

100 W 11TH

Year	Uses	Source
1990	JINNY S SNACK CORNER	Pacific Bell

101 W 11TH

Year	Uses	Source
1990	BLANK JULIUS N ATTY	Pacific Bell
1986	BLANK JULIUS N ATTY	Pacific Bell
1981	BLANK JULIUS N ATTY	Pacific Telephone
1971	Blank Julius N atty	Pacific Telephone
1962	Blank Julius atty	Pacific Telephone
1929	Karnes Edw J shoe repr	Los Angeles Directory Co.

105 W 11TH

Year	Uses	Source
1986	KIMCHI HOUSE	Pacific Bell
1942	Parlin Guido E Grace E liquors	Los Angeles Directory Co.
1937	Parlini Guido Grace liquors	Los Angeles Directory Co.
1929	Moritz Peter Mary barber	Los Angeles Directory Co.
1924	Moritz Pete barber	Los Angeles Directory Co.

107 W 11TH

Year	Uses	Source
1990	MARY S FABRICS	Pacific Bell
	LA FLORESITA	Pacific Bell
1986	BOTANICA AMEN	Pacific Bell
1981	WATER LILLY OF CALIFORNIA	Pacific Telephone
	WATER LILY OF CALIFORNIA	Pacific Telephone
1971	Wunderman Bill	Pacific Telephone
1962	Wunderman Bill	Pacific Telephone
1942	Taylor Zachary H rubber stamps	Los Angeles Directory Co.
1937	HOROWITZ Louis Clara whol leaf tobacco	Los Angeles Directory Co.
1933	WALLACE Edw shoe shiner	Los Angeles Directory Co.

FINDINGS

108 W 11TH

Year	Uses	Source
1981	JULIUS HANDBAG COMPANY	Pacific Telephone
1937	HENRY Wm F Charlotte lab	Los Angeles Directory Co.
1933	ELLIOTT ADDRESSING MACHINE CO E E Mills Pacific Coast Manager Hand Foot and Electric Models Free trial	Los Angeles Directory Co.
1924	Church Asa B barber r	Los Angeles Directory Co.

109 W 11TH

Year	Uses	Source
1986	MACIAS CUTTING SERVICE	Pacific Bell
1981	MIKE S CUTTING CO	Pacific Telephone
1942	EGGLESTON Alpheus A billiards	Los Angeles Directory Co.
1937	EGGLESTON Alpheus A billiards	Los Angeles Directory Co.

110 W 11TH

Year	Uses	Source
1990	HARRIS CASUALS	Pacific Bell
	HARRIS SLACKS	Pacific Bell
	JIMMY S FASHIONS	Pacific Bell
	ROYAL FASHION	Pacific Bell
	S & DGROUP INC	Pacific Bell
	ST PAUL FASHIONS	Pacific Bell
	SERVE FASHION INC	Pacific Bell
1986	CNG FASHION	Pacific Bell
	HARRIS CASUALS	Pacific Bell
	HARRIS SLACKS	Pacific Bell
	ROYAL FASHION	Pacific Bell
	S & D GROUP INC	Pacific Bell
	UNION MFG CO CLTHNG	Pacific Bell
1981	CNG FASHION	Pacific Telephone
	GRANADOS GUILLERMO	Pacific Telephone
	HARRIS CASUALS	Pacific Telephone
	HARRIS SLACKS	Pacific Telephone
	UNION MFG CO CLTHNG	Pacific Telephone
	WESTERN GARMENT MFG	Pacific Telephone
1971	C M C	Pacific Telephone
	Current Mfg Corp	Pacific Telephone
	HARRIS SLACKS	Pacific Telephone
	UNION MFG CO clthng	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	Barbara of California Inc	Pacific Telephone
	Haber Mfg Co	Pacific Telephone
	Kennington Ltd sportswr	Pacific Telephone
	UNION MFG CO clthng	Pacific Telephone
1942	HARRIS Building	Los Angeles Directory Co.
	HARRIS M Building	Los Angeles Directory Co.
	MORRIS Arth A Bessie cigars	Los Angeles Directory Co.
1937	CONAWAY Cooper Co V O Conaway B S Cooper fritraffic mgrs	Los Angeles Directory Co.
	HARRIS M Building	Los Angeles Directory Co.
	SOUTHERN California Retail Grocers Assn S M White sec mgr	Los Angeles Directory Co.
	UNION Mfg Co Morris Haris mgr mfrs work clo	Los Angeles Directory Co.
	Woodcraft Rangers H L Boynton exec sec	Los Angeles Directory Co.
1933	ANDERSON Basil H valve mfr	Los Angeles Directory Co.
	ANDERSON Basil M valve mfr	Los Angeles Directory Co.
	CARMICHAEL Traffic Corp B H Carmichael pres	Los Angeles Directory Co.
	Grocers Journal E G Staute mgr	Los Angeles Directory Co.
	HARRIS Building	Los Angeles Directory Co.
	LOGAN & Stebbins D L Logan B A Stebbins adv agcy	Los Angeles Directory Co.
	SCHMIDT LITHOGRAPH COMPANY E H Lenz Southern California Mgr Labels Cartons Corrugated Adgertising Displays Posters Etc	Los Angeles Directory Co.
	SOUTHERN California Retail Grocers Assn E G De Staute sec mgr	Los Angeles Directory Co.
	Turcotte Frank W Jean lawyer	Los Angeles Directory Co.
	UNION Mfgs Co Morris Harris mens clo	Los Angeles Directory Co.
1929	CALIFORNIA Verification Bureau E B Spitzer pres	Los Angeles Directory Co.
	Carmichael Traffic Corp B H Carmichael Pres L G Wilson sec treas	Los Angeles Directory Co.
	Cobleutz Geo W Mary L coml artist	Los Angeles Directory Co.
	FINE Arts Publishing Co N R Crawford pres Eddy Eckels v pres H T Hill sec treas	Los Angeles Directory Co.
	Goulds Hooven Letter Co J C and Aimee J Gould multi	Los Angeles Directory Co.
	HARRIS M Building H D Kroll mgr	Los Angeles Directory Co.
	Howland Geo P Florence adv agt	Los Angeles Directory Co.
	JENNINGS Lee C illustrator	Los Angeles Directory Co.

Year	Uses	Source
1929	KENDALL Wood Co D B Kendlal L A Wood typographers	Los Angeles Directory Co.
	PATTENS MRS EMPLOYMENT AGENCY Mary R Palne Mgr Infants and Childrens Nurses Domestics Butlers Valets Housemen Chauffeurs Gardeners Etc	Los Angeles Directory Co.
	RADIUM Life Inc L R Freer pres H R Zimmer v pres H H Steiner sec treas	Los Angeles Directory Co.
	Rice David G fraternal financier	Los Angeles Directory Co.
	SHOEMAKER G A & Son G A Oakland and H M Shoemaker mfrs agts	Los Angeles Directory Co.
	SMITH Daul D Gene non metellics	Los Angeles Directory Co.
	UNION Manufacturing Co clo mfrs	Los Angeles Directory Co.
	WESTERN Building Maintenance Co Inc D C Matthews pres C N Bontecou sec treas window clnrs	Los Angeles Directory Co.
	WESTERN Terminal Co W H Crowley v pres	Los Angeles Directory Co.
	WILSON Jos K comr artist	Los Angeles Directory Co.
1924	PATTENS MRS EMPLOYMENT AGENCY Mrs Mary R Paine Mgr M Harris Bldg	Los Angeles Directory Co.
	UNION Manufacturing Co H M Harris S M Pinklert garment mfrs	Los Angeles Directory Co.

111 W 11TH

Year	Uses	Source
1990	CASTILLO FASHIONS	Pacific Bell
1986	CASTILLO FASHIONS	Pacific Bell
1981	HUEY OF CALIF	Pacific Telephone
1962	Rubber Band Supply Co	Pacific Telephone
1937	FARRER Matthew P Kath clo clnr	Los Angeles Directory Co.
1933	STANLEY & Farrer J C Stanley M P Farrer clo clnrs	Los Angeles Directory Co.
1929	Kendall Frank J Ida clo clnr	Los Angeles Directory Co.
1924	Cudebec Harry A welding	Los Angeles Directory Co.

W 11TH ST

101 W 11TH ST

Year	Uses	Source
1976	Blank Julius N atty	Pacific Telephone
1967	Blank Julius N atty	Pacific Telephone
1958	Blank Julius atty	Pacific Telephone

FINDINGS

103 W 11TH ST

Year	Uses	Source
1958	General Time Clock Co	Pacific Telephone

107 W 11TH ST

Year	Uses	Source
1967	Wunderman Bill	Pacific Telephone

W 11th St

108 W 11th St

Year	Uses	Source
2014	JULIOS EXPORT & IMPORT INC	EDR Digital Archive

W 11TH ST

109 W 11TH ST

Year	Uses	Source
1976	Corte Fino	Pacific Telephone

W 11th St

110 W 11th St

Year	Uses	Source
2014	DAEHUNG PRODUCTION	EDR Digital Archive
	MARIA GRANADO	EDR Digital Archive
2010	LUSH 7 INC	EDR Digital Archive
	RUHAMAH CORP	EDR Digital Archive
	TUEME HECTOR	EDR Digital Archive
	KUARA	EDR Digital Archive
	DOORI FASHION INC	EDR Digital Archive
	DAEHUNG PRODUCTION	EDR Digital Archive
	RUBIOS FASHIONS	EDR Digital Archive
	BNK MODE INC	EDR Digital Archive

W 11TH ST

110 W 11TH ST

Year	Uses	Source
2006	LUSH 71 NC	Haines Company, Inc
	CORAL	Haines Company, Inc

Year	Uses	Source
2006	CIMPLE INC	Haines Company, Inc
	CHASELLAINC	Haines Company, Inc
	OKCAINC	Haines Company, Inc
1976	C M C	Pacific Telephone
	Current Mfg Corp	Pacific Telephone
	Harris Slacks	Pacific Telephone
	Union Mfg Co clthng	Pacific Telephone
1967	Empress Corp	Pacific Telephone
	HARRIS SLACKS	Pacific Telephone
	UNION MFC CO clthng	Pacific Telephone
1958	DANTE OF CALIF shirts	Pacific Telephone
	Desert Palm Shirt Corp	Pacific Telephone
	Eldorado Sportswear	Pacific Telephone
	Haber Mfg Co	Pacific Telephone
	UNION MFG CO clthng	Pacific Telephone
	Barbara of California Inc	Pacific Telephone

111 W 11TH ST

Year	Uses	Source
1976	Huey Of Calif	Pacific Telephone
1958	Rubber Band Supply Co	Pacific Telephone

112 W 11TH ST

Year	Uses	Source
1958	Register Dill ofc eq	Pacific Telephone
	Dill Register ofc eq	Pacific Telephone

W 12TH ST

105 W 12TH ST

Year	Uses	Source
2006	THOMAS Francisco	Haines Company, Inc
	TORRES Delia	Haines Company, Inc
	TEPEZANO Claudlo	Haines Company, Inc
	RODRIGUEZMadice Il	Haines Company, Inc
	RODRIGUEZEstela	Haines Company, Inc
	PRUDENCIO Mayrm	Haines Company, Inc
	MANZO Remedlos	Haines Company, Inc
	HERNANDEZJorge A	Haines Company, Inc
	HERNANDEZ HIlai	Haines Company, Inc

FINDINGS

W 12th St

111 W 12th St

Year	Uses	Source
2014	POLLY TRADING CO INC	EDR Digital Archive
2010	SACHI	EDR Digital Archive

W 12TH ST

111 W 12TH ST

Year	Uses	Source
2006	INTL GIFTAND	Haines Company, Inc
	FASHION J 8 K COMPANY	Haines Company, Inc
	J&KUSA	Haines Company, Inc
	COMPANY	Haines Company, Inc

114 W 12TH ST

Year	Uses	Source
1958	Zuckerman Ted I Sally Shops of Calif	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
100 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
100 E 12TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
100 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
101 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
101 W 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
102 1/2 E 12TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
102 E 12TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
102 E 12TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
103 W 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
104 E 12TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
105 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
105 E 11th St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
105 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
105 W 12TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
106 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
106 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
107 W 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
108 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
108 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
108 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
108 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
108 W 11th St	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 W 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1095 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
110 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
110 W 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 W 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1100 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1101 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1101 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1101 S Main St	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1102 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1102 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1102 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1103 S Main St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1104 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1104 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1104 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1105 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1105 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1105 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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1106 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1106 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1106 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1107 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1108 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1108 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1108 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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111 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 E 11th St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 W 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
111 W 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 W 12TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 W 12th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1110 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1110 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1110 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1112 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1114 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1114 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1114 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1114 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1115 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1115 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1116 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1116 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1116 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1116 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1116 SOUTH BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1118 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1118 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1118 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1119 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
112 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
112 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
112 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
112 W 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 BROADWAY S	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1972, 1970, 1969, 1965, 1964, 1963, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1120 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1972, 1971, 1969, 1967, 1966, 1963, 1961, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 SOUTH BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1122 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1122 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1123 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1123 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1123 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1123 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1124 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1124 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1124 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1124 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1124 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1125 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1125 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1125 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1126 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1126 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1126 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1126 SOUTH BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1127 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1127 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1127 S Main St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1128 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1128 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1128 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1129 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
113 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
113 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1130 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1130 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1130 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1131 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1131 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1131 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1131 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1132 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1132 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1132 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1132 SOUTH BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1133 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1133 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1134 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1135 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1135 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1135 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1135 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1136 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1137 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1137 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1137 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1137 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1138 BROADWAY S	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1138 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1138 S Broadway	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1139 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 W 12TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1140 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1140 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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1142 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1142 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1142 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1142 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1142 S Main St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 BROADWAY S	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1144 S BROADWAY ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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1144 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1146 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1146 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1146 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1146 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1147 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1148 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1149 BROADWAY S	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1149 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1149 S BROADWAY ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
115 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
115 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 BROADWAY S	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1151 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1152 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1152 S Main St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1153 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1154 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1154 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1154 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 S Main St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1156 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1156 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1156 S Main St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1157 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1157 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1157 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 BROADWAY S	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1158 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1158 S Main St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1159 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1159 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1159 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1160 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1161 S MAIN ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1162 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1162 S MAIN ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1162 S Main St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1185 1/2 S MAIN	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
120 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
122 1/2 E 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
122 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
122 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
122 E 11th St	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1225 S BROADWAY	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
124 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
124 E 11TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
125 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
126 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
127 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
128 E 11TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
214 E 11TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1147-1151 S Main Street	2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1147-1151 S Main

1147-1151 S Main Street

LOS ANGELES, CA 90015

Inquiry Number: 5471372.4

October 31, 2018

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

10/31/18

Site Name:

1147-1151 S Main
1147-1151 S Main Street
LOS ANGELES, CA 90015
EDR Inquiry # 5471372.4

Client Name:

Partner Engineering and Science, Inc.
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000
Contact: Max Mcbride

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Partner Engineering and Science, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 18-230966.1
Project: 18-230966.1

Coordinates:

Latitude:	34.03829 34° 2' 18" North
Longitude:	-118.259212 -118° 15' 33" West
UTM Zone:	Zone 11 North
UTM X Meters:	383763.18
UTM Y Meters:	3767116.54
Elevation:	241.47' above sea level

Maps Provided:

1894	1953
1896	1966
1898	1972
1900	1981
1902	1991, 1994
1920	2012
1921	
1928	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1894 Source Sheets



Los Angeles
1894
15-minute, 62500

1896 Source Sheets



Santa Monica
1896
15-minute, 62500



Pasadena
1896
15-minute, 62500

1898 Source Sheets

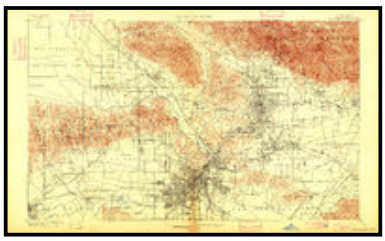


Santa Monica
1898
15-minute, 62500

1900 Source Sheets



Pasadena
1900
15-minute, 62500



Los Angeles
1900
15-minute, 62500

Topo Sheet Key

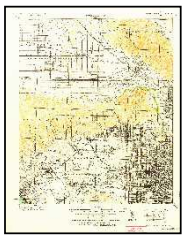
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1902 Source Sheets



Santa Monica
1902
15-minute, 62500

1920 Source Sheets



SANTA MONICA
1920
15-minute, 62500

1921 Source Sheets



Santa Monica
1921
15-minute, 62500

1928 Source Sheets



Los Angeles
1928
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets



Hollywood
1953
7.5-minute, 24000
Aerial Photo Revised 1952



Los Angeles
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1966 Source Sheets



Hollywood
1966
7.5-minute, 24000
Aerial Photo Revised 1964



Los Angeles
1966
7.5-minute, 24000
Aerial Photo Revised 1964

1972 Source Sheets



Los Angeles
1972
7.5-minute, 24000
Aerial Photo Revised 1972



Hollywood
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1981 Source Sheets



Hollywood
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Los Angeles
1981
7.5-minute, 24000
Aerial Photo Revised 1978

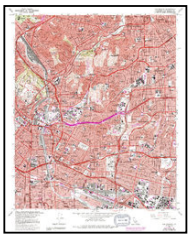
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1991, 1994 Source Sheets



Hollywood
1991
7.5-minute, 24000
Aerial Photo Revised 1978



Los Angeles
1994
7.5-minute, 24000
Aerial Photo Revised 1978

2012 Source Sheets



Hollywood
2012
7.5-minute, 24000



Los Angeles
2012
7.5-minute, 24000

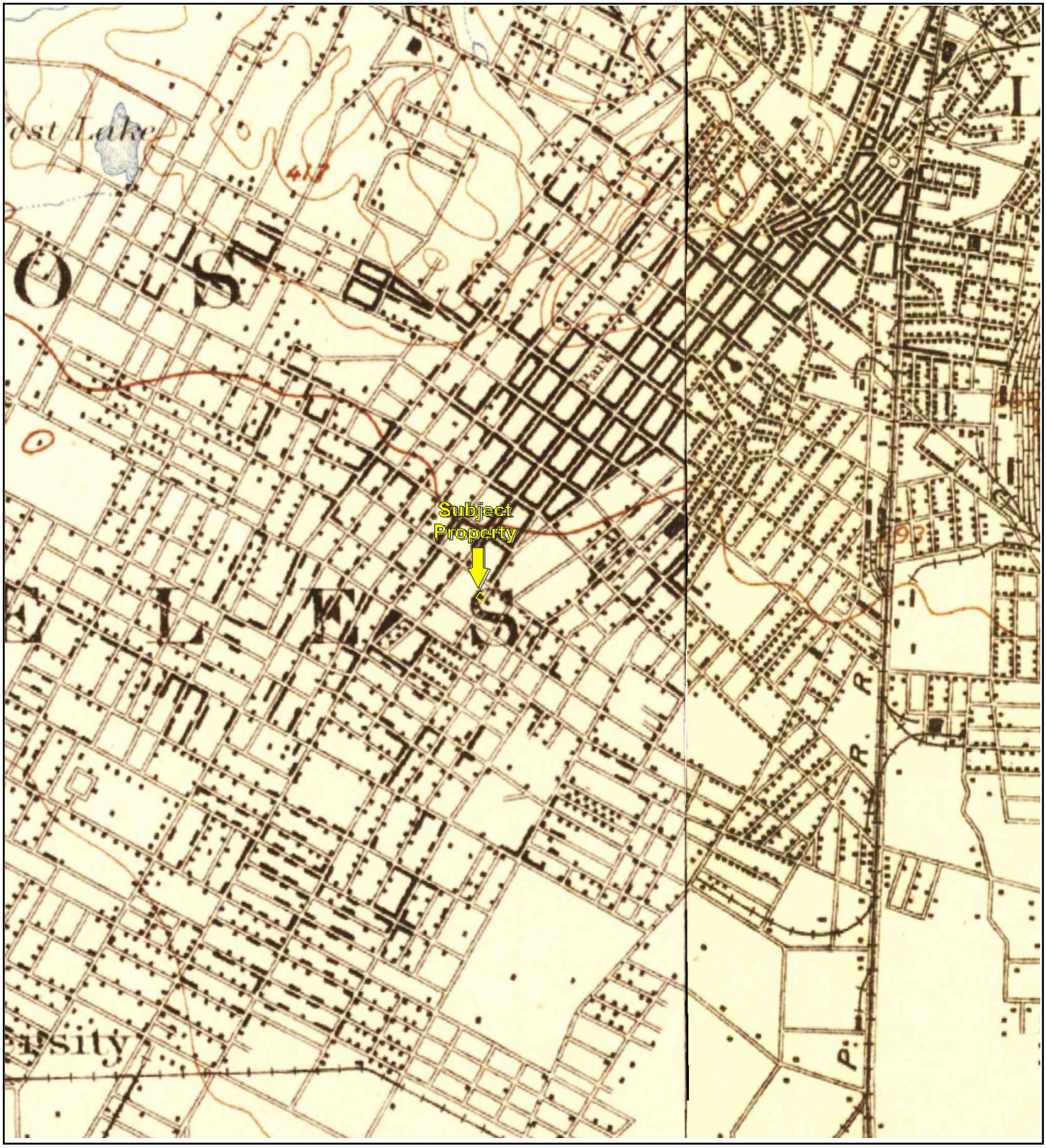


TP, Los Angeles, 1894, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

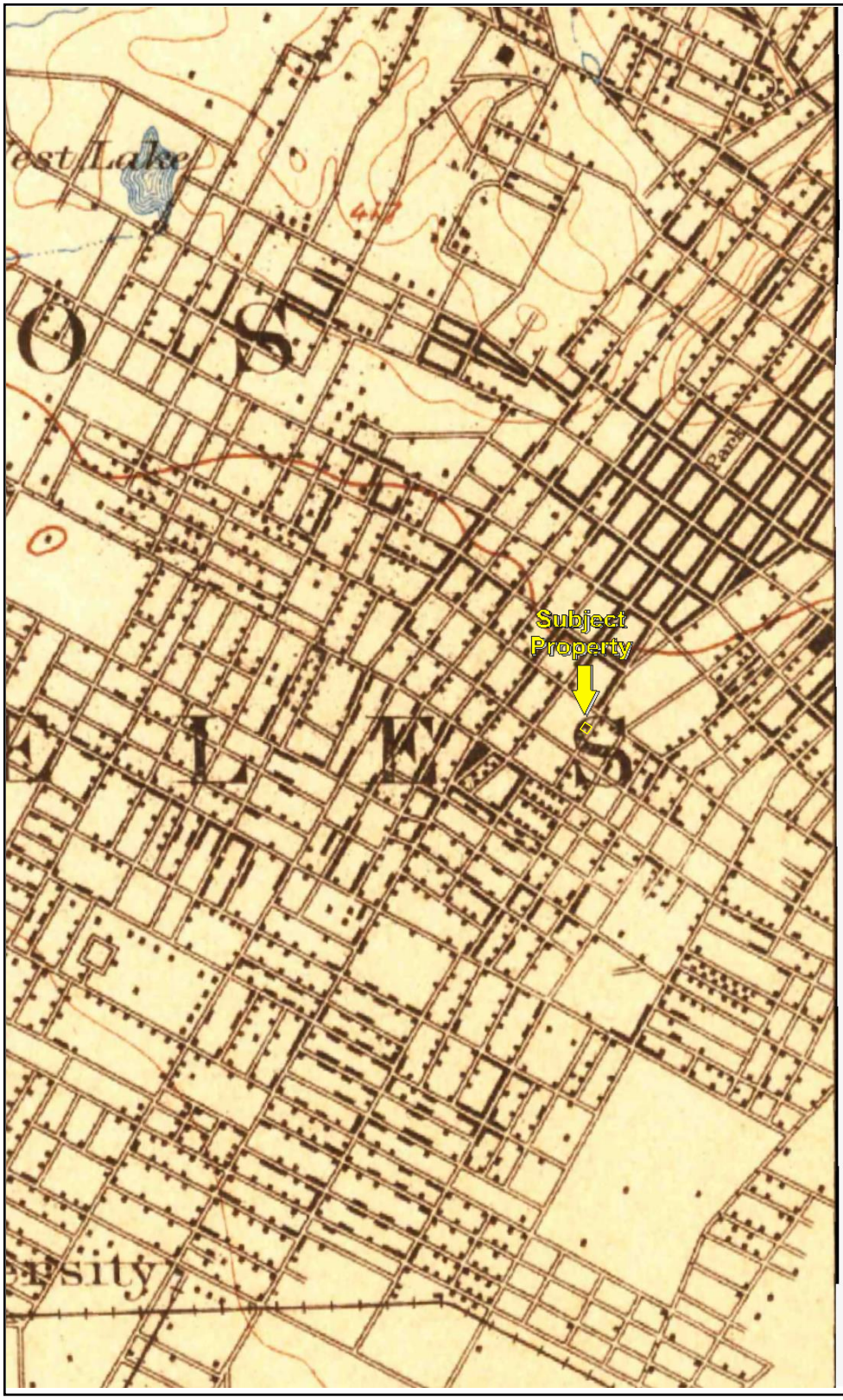


TP, Santa Monica, 1896, 15-minute
NE, Pasadena, 1896, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



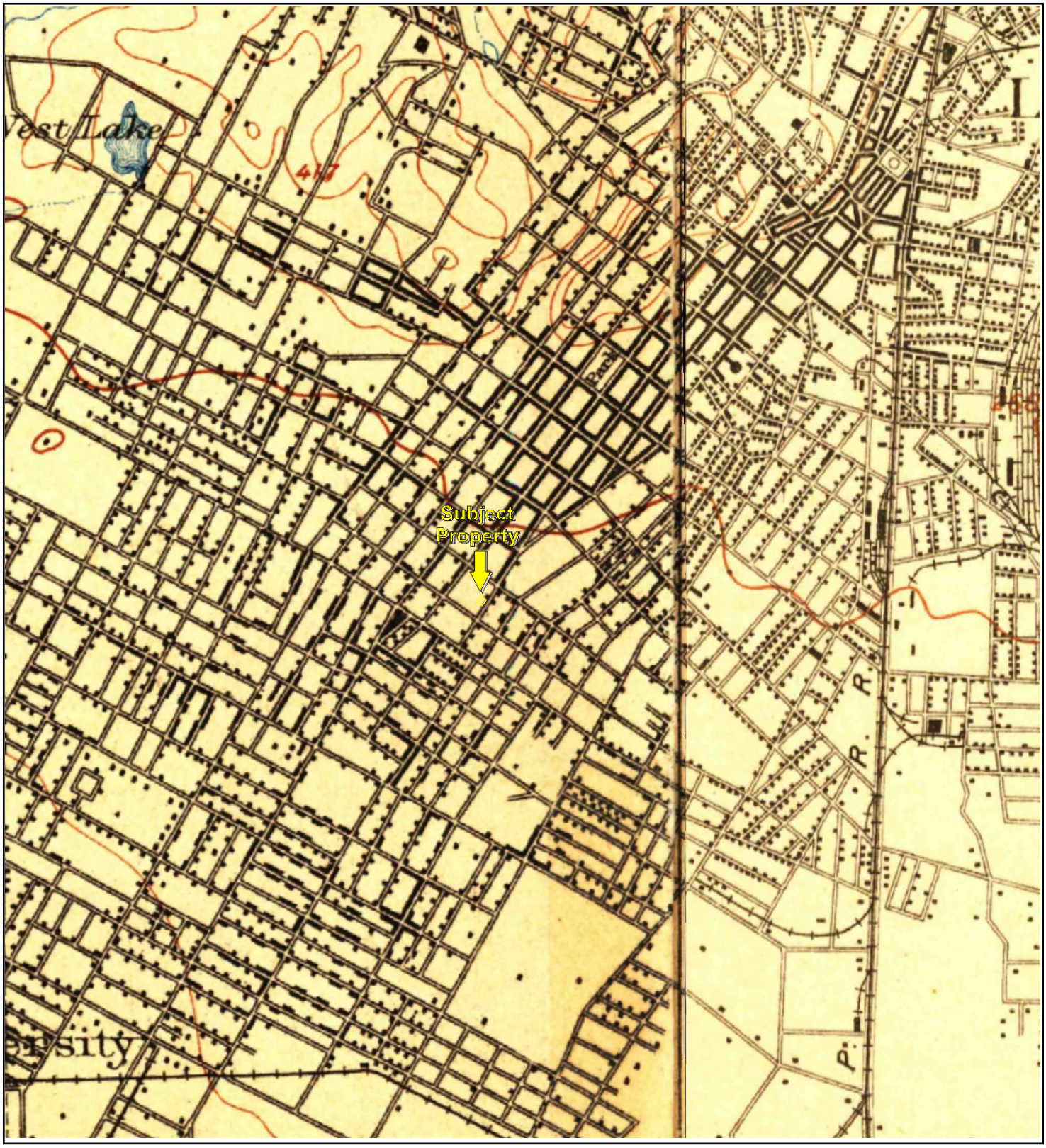
UNMAPPED

TP, Santa Monica, 1898, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

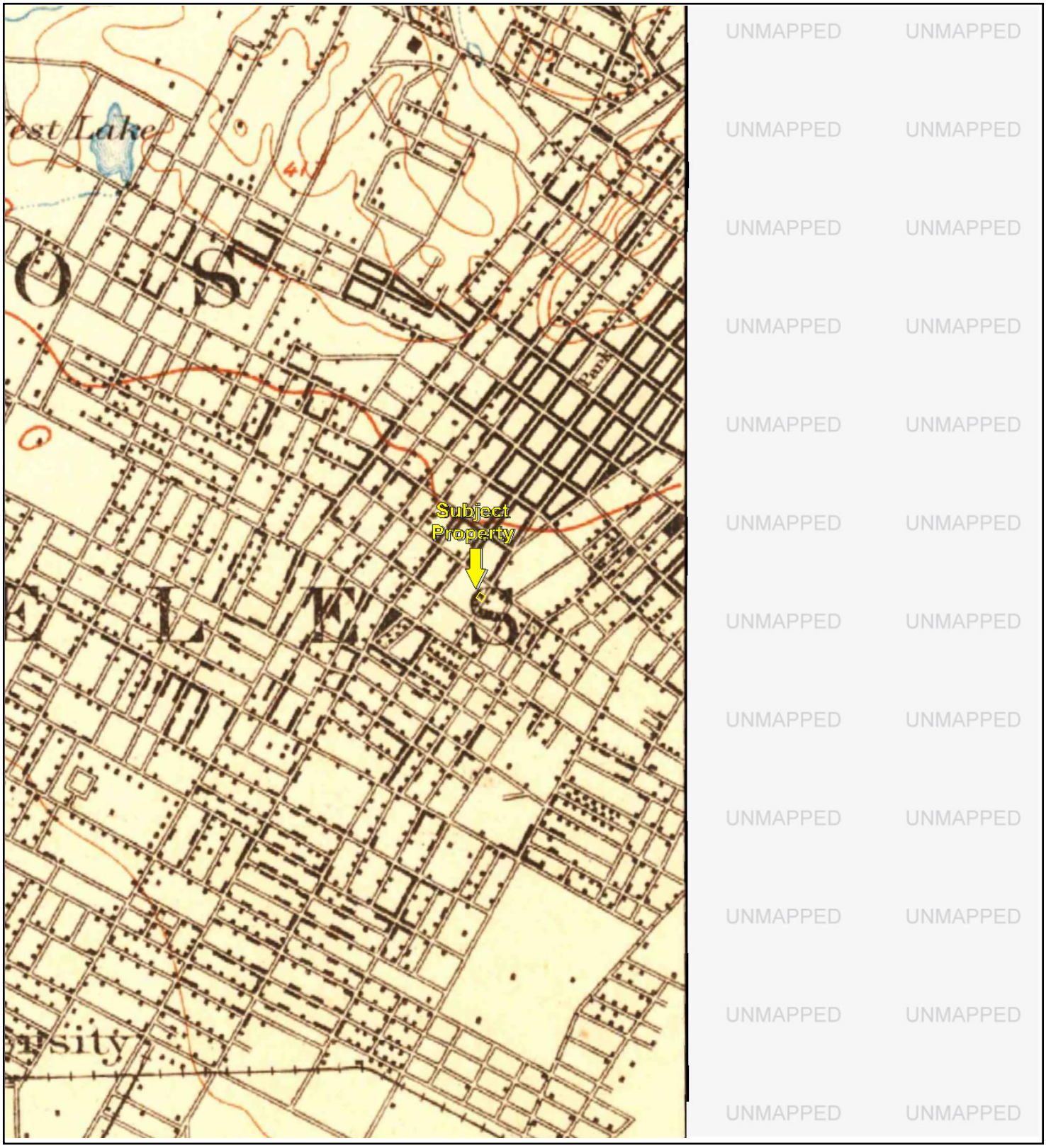


TP, Los Angeles, 1900, 15-minute
NE, Pasadena, 1900, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



TP, Santa Monica, 1902, 15-minute

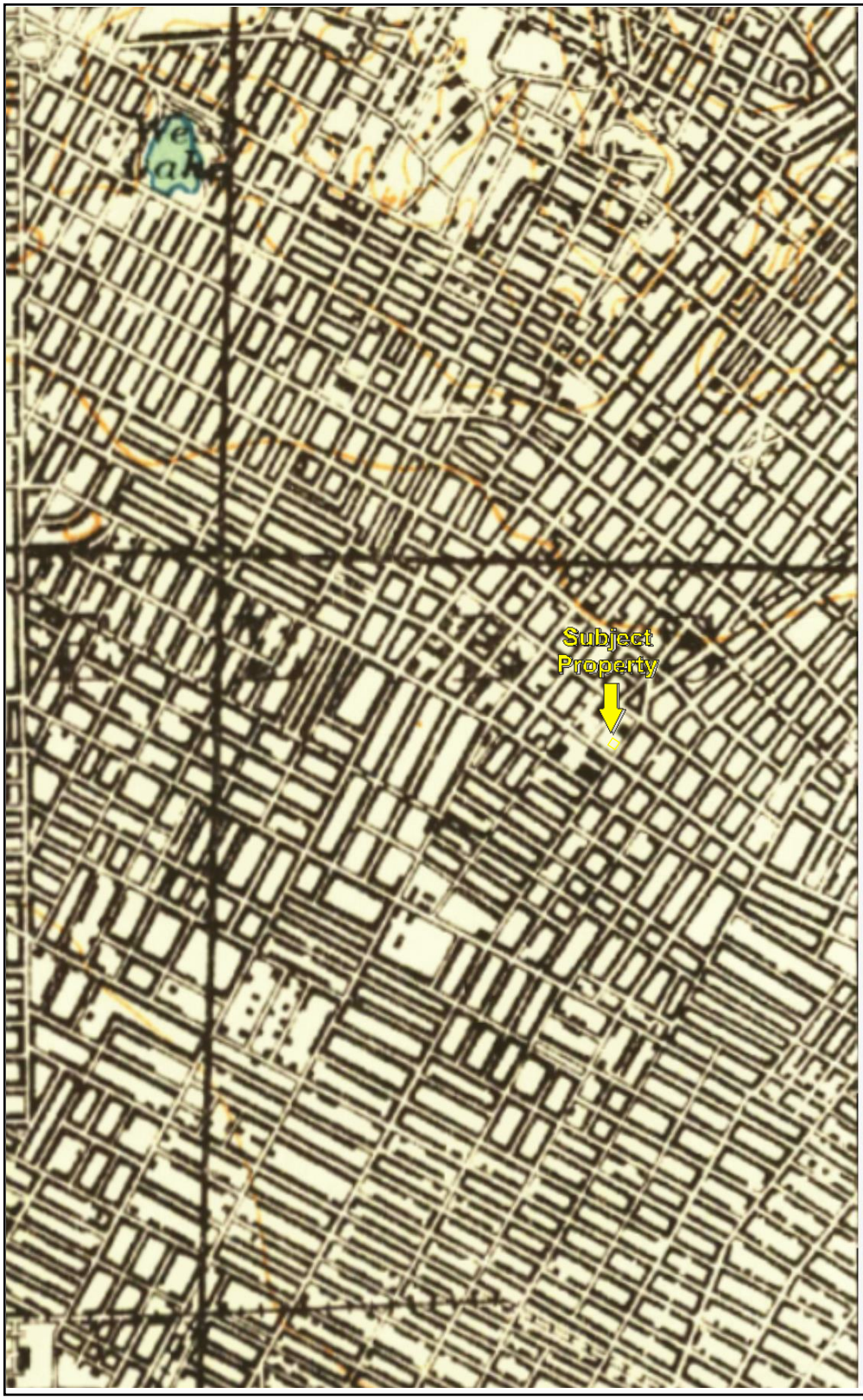
0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-230966.1



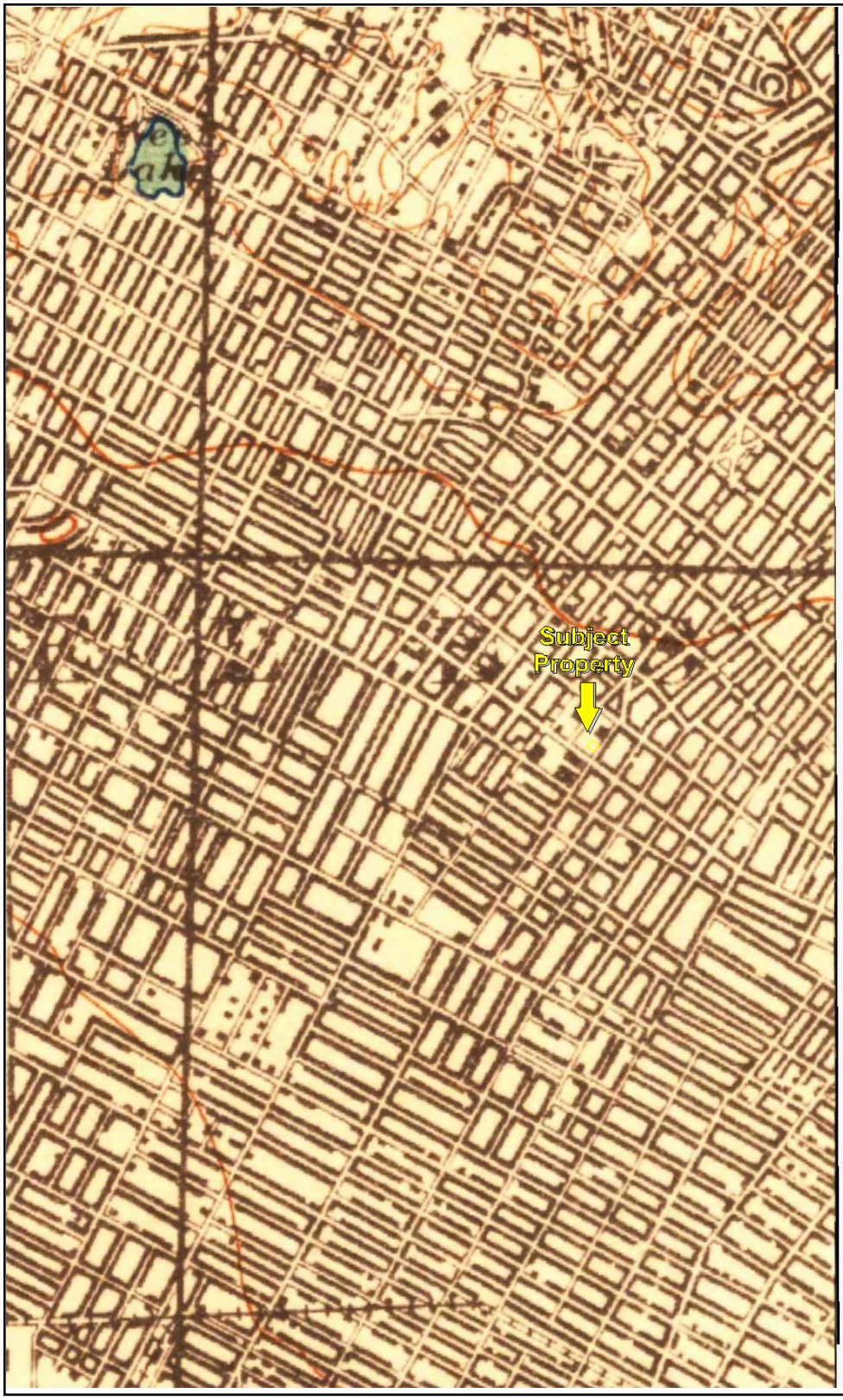
UNMAPPED

TP, SANTA MONICA, 1920, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



UNMAPPED

TP, Santa Monica, 1921, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

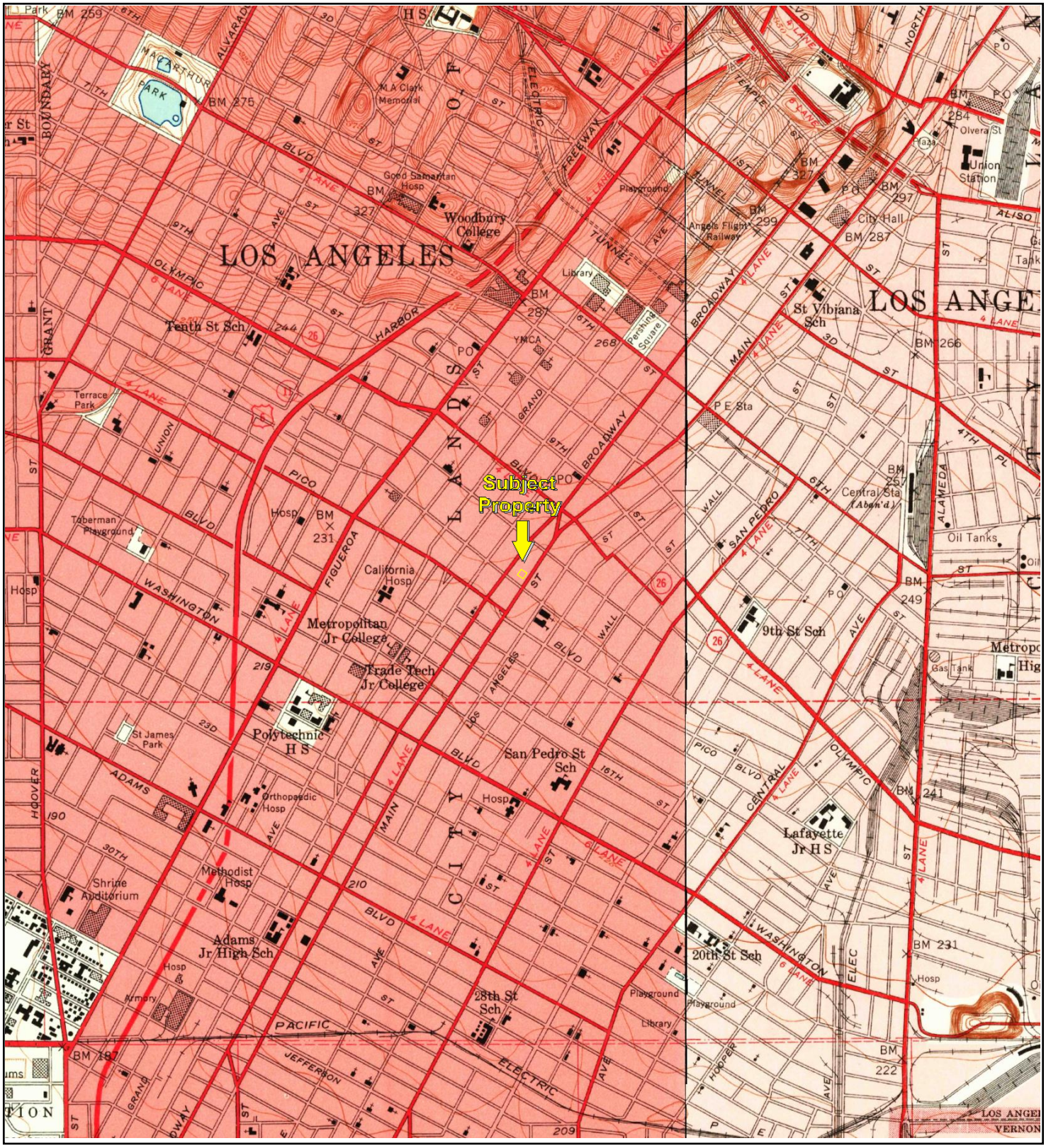


TP, Los Angeles, 1928, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



TP, Hollywood, 1953, 7.5-minute
E, Los Angeles, 1953, 7.5-minute

0 Miles 0.25 0.5 1 1.5

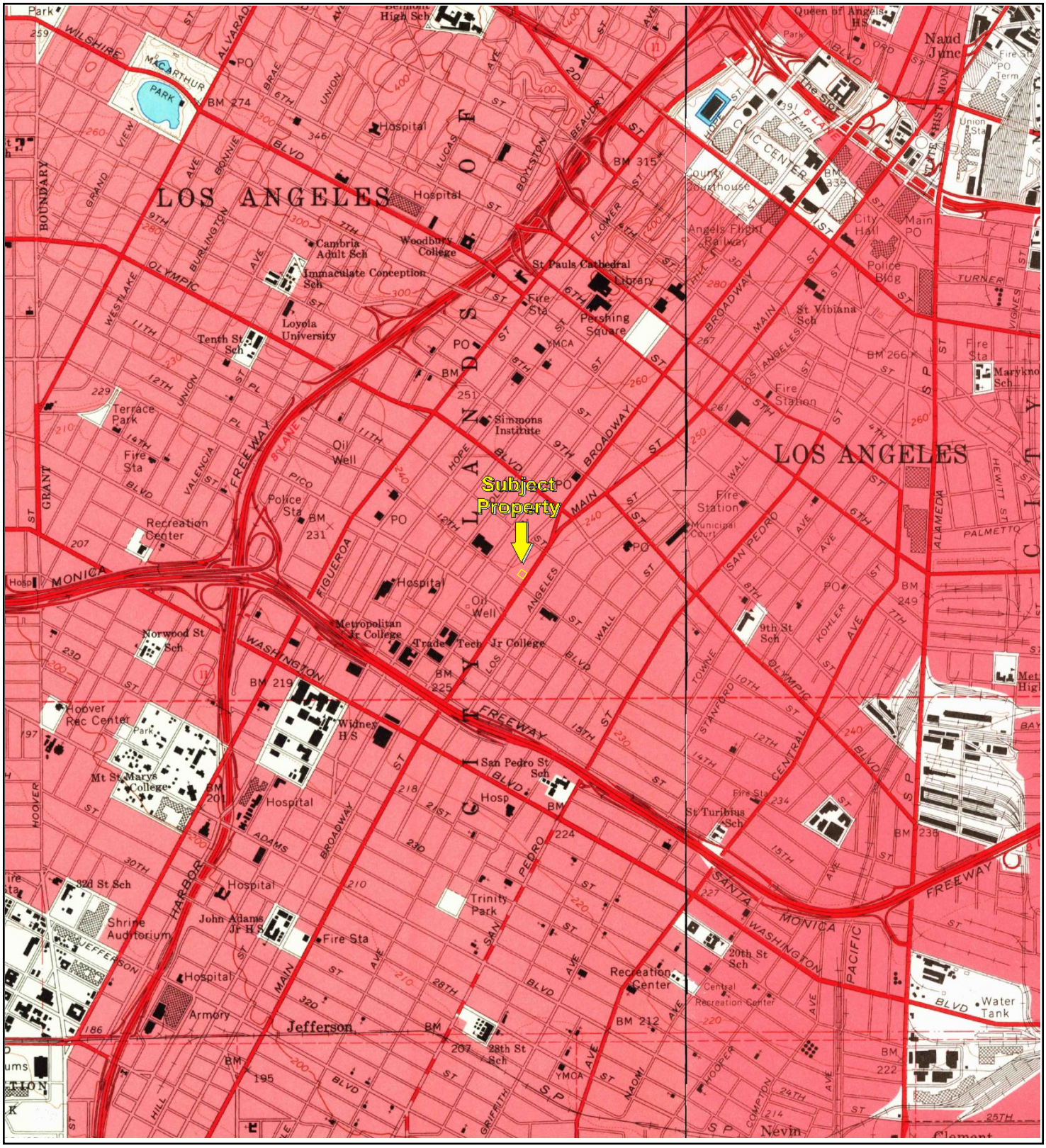
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-230966.1

PARTNER



TP, Hollywood, 1966, 7.5-minute
E, Los Angeles, 1966, 7.5-minute

0 Miles 0.25 0.5 1 1.5

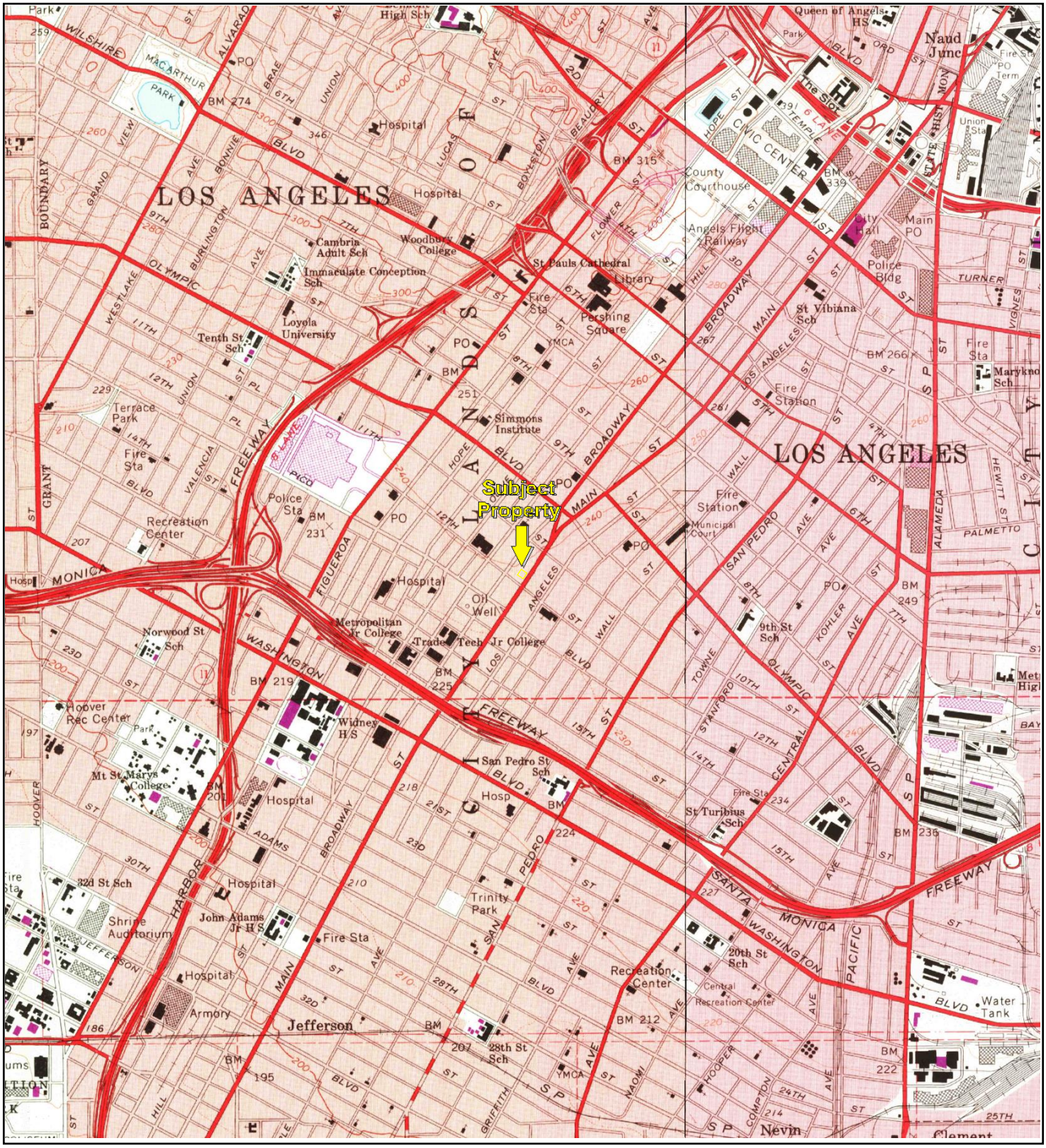
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-230966.1

PARTNER



TP, Hollywood, 1972, 7.5-minute
E, Los Angeles, 1972, 7.5-minute

0 Miles 0.25 0.5 1 1.5

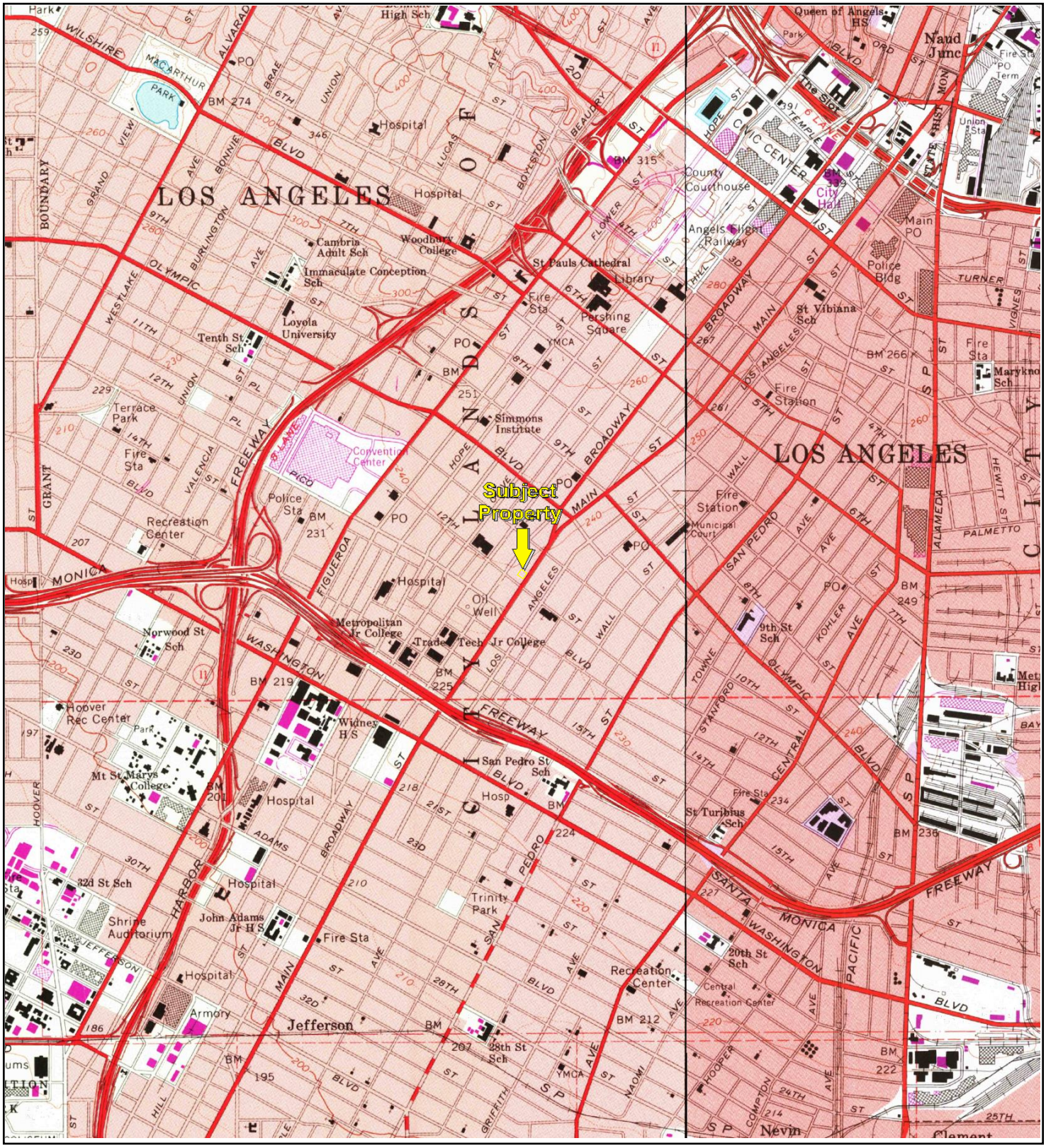
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-230966.1

PARTNER



TP, Hollywood, 1981, 7.5-minute
E, Los Angeles, 1981, 7.5-minute

0 Miles 0.25 0.5 1 1.5

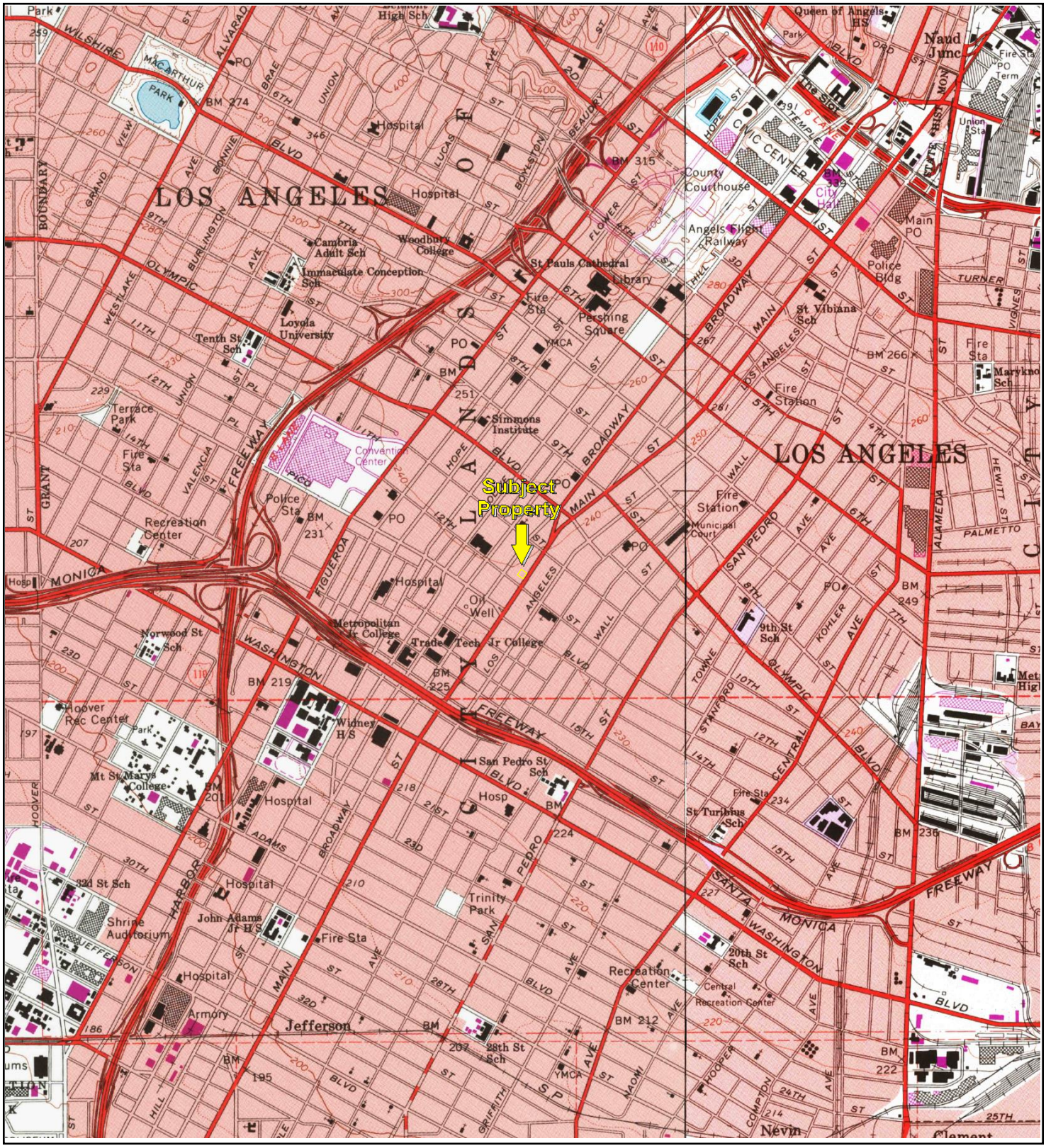
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-230966.1

PARTNER



TP, Hollywood, 1991, 7.5-minute
E, Los Angeles, 1994, 7.5-minute

0 Miles 0.25 0.5 1 1.5

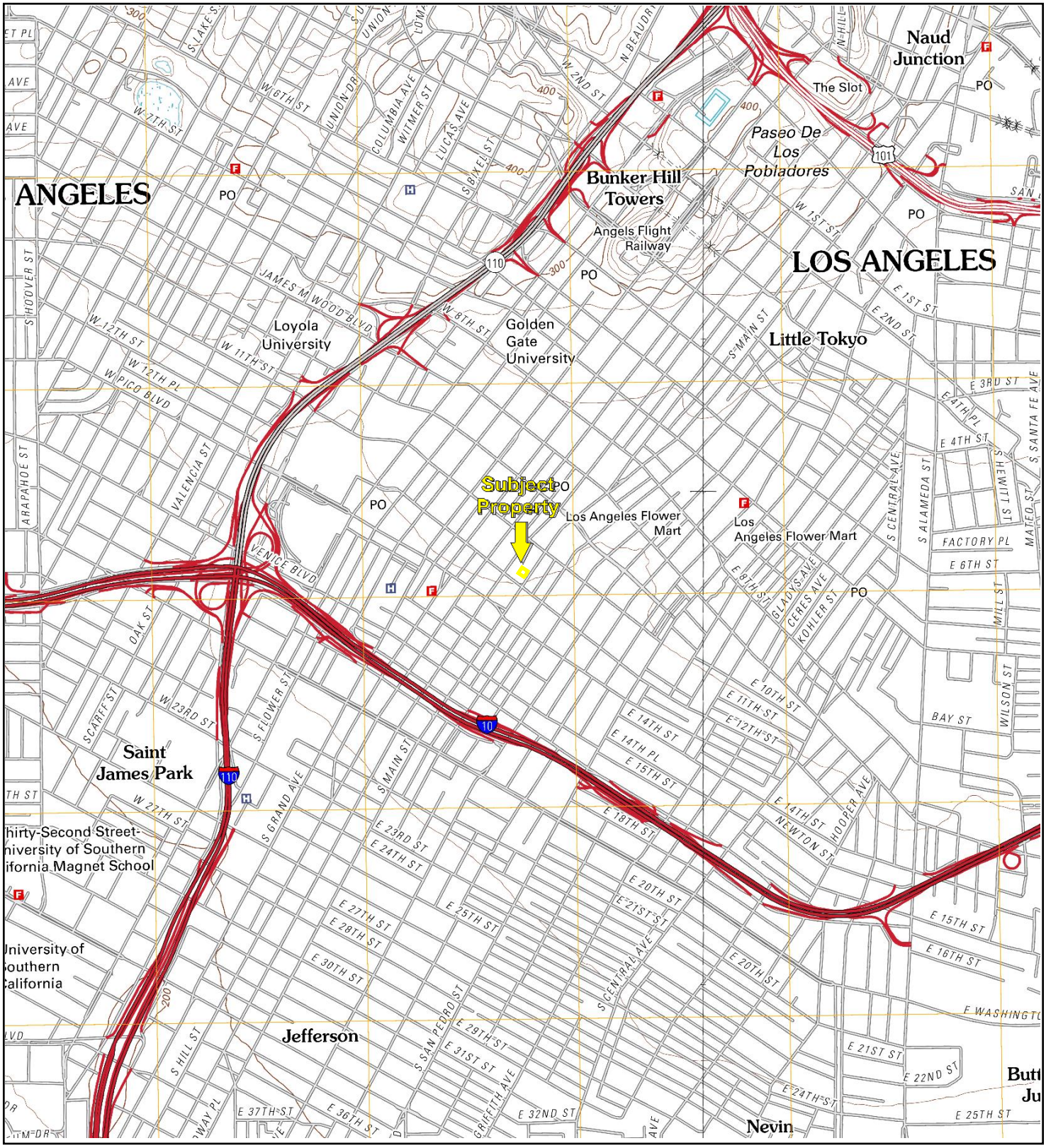
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-230966.1

PARTNER



TP, Hollywood, 2012, 7.5-minute
E, Los Angeles, 2012, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 18-230966.1

PARTNER

Summary

AIN: 5139-017-018

Situs Address:
1147 S MAIN ST, NO A B C
LOS ANGELES CA 90015-2540

Use Type: Commercial
Parcel Type: Regular Fee Parcel
Tax Rate Area: 13264

Parcel Status: ACTIVE
Create Date:
Delete Date:
Tax Status: CURRENT
Year Defaulted:
Exemption: None



Building (0101) & Land Overview

Use Code:	1100	**# of Units:**	0	**Year Built:**	1986
Design Type:	1100	**Beds/Baths:**	0/0	**Effective Year:**	1986
Quality Class:	C55A	**Building SqFt:**	4,800	**Land SqFt:**	5,802

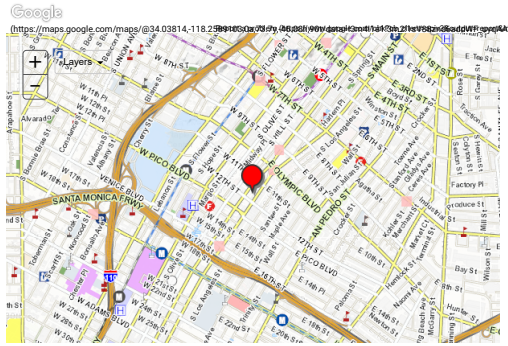
(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/s
val=5139-017)
Parcel Map
(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/
val=5139-017) / Map Index
(http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?
val=5139-NDX)

2019 Roll Preparation		2018 Current Roll	RC	Year		2003 Base Value
$	908,844	$ 891,024	A	2003	$	700,000
$	324,583	$ 318,219	A	2003	$	249,999
$	1,233,427	$ 1,209,243			$	949,999

Assessor's Responsible Division
District: Hall of Administration
Region: 23
Cluster: 23810 CONV CENTER

Hall of Administration (https://maps.google.com/?q=500+W.+Temple+St.+Room+180+Los+Angeles%2C+CA+90012-2770)
500 W. Temple St. Room 180
Los Angeles, CA 90012-2770

Phone: (213) 974-3108
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm



Building and Land Characteristics

Land Information

Use Code = 1100 (Commercial)

Total SqFt (GIS):	5,802	**Sewers:**	Yes	**Corner Lot:**	No	**Zoning:**	LAC2
Total SqFt (PDB):	5,850	**Flight Path:**	No	**Golf Front:**	No	**Code Split:**	No
Usable SqFt:	5,813	**X-Traffic:**	No	**Horse Lot:**	No	**Impairment:**	None
Acres:		**Freeway:**	No	**View:**	None		
Land W' x D':	50 x 117						

Use Code: 1100 (Commercial)
1 = Commercial
1 = Store
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Situs Address:
1147 S MAIN ST, NO A B C LOS ANGELES CA 90015-2540

Legal Description *(for assessment purposes)*:
TRACT NO 2289 LOT 37

Building Information

SUBPART:	***0101***	**# of Units:**	0	**Year Built:**	1986	**RCN Other:**	$ 2,000
Design Type:	1100	**Beds/Baths:**	0/0	**Effective Year:**	1986	**RCN Other Trended:**	$ 4,344
Quality Class:	C55A	**Building SqFt:**	4,800	**Depreciation:**	UC50 / 0 / 0	**Year Change:**	1988

Design Type: 1100
1 = Commercial
1 = Store
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

of Units: 0
Beds/Baths: 0/0
Building SqFt: 4,800
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	Doc #	OC1	OC2	Doc Type	Doc Reason	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
12/31/2002	50	Yes	3234221	3	5	H	A	3	00%-0	3	$ 0	$ 950,000
10/27/1997	50	No	1687631	3	7	B	U		00%-0		$ 0	$ 310,800
12/21/1976	50	Yes	0001114					3	00%-0	3	$ 200,002	$ 0

Assessment History

Show All: **Hide Inactive Rolls:**

Showing 1 to 10 of 45 entries.

Roll Detail													Real Property Value					
Bill Number	Bill Type	Bill Status	Date Created	Date to Auditor	Recording Date	Seq #	Doc #	Doc Type	Doc Reason	OC1	OC2	%	Total Value	Land Value	Reason Code	Base Year	Improvement Value	Reason Code	Base Year
219-PSEG					12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,233,427	$ 908,844	A	2003	$ 324,583	A	2003
2180000	R	A	07/19/2018	07/19/2018	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,209,243	$ 891,024	A	2003	$ 318,219	A	2003
2170000	R	A	06/26/2017	06/26/2017	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,185,533	$ 873,553	A	2003	$ 311,980	A	2003
2160000	R	A	07/05/2016	07/05/2016	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,162,288	$ 856,425	A	2003	$ 305,863	A	2003
2150000	R	A	06/23/2015	06/23/2015	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,144,830	$ 843,561	A	2003	$ 301,269	A	2003
2140000	R	A	06/24/2014	06/24/2014	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,122,405	$ 827,037	A	2003	$ 295,368	A	2003
2130000	R	A	06/25/2013	06/25/2013	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,117,334	$ 823,300	A	2003	$ 294,034	A	2003
2120000	R	A	06/27/2012	06/27/2012	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,095,426	$ 807,157	A	2003	$ 288,269	A	2003
2110000	R	A	07/06/2011	07/06/2011	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,073,948	$ 791,331	A	2003	$ 282,617	A	2003
2100000	R	A	07/22/2010	07/22/2010	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,065,922	$ 785,417	A	2003	$ 280,505	A	2003

« 1 2 3 4 5 »

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Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 10/21/2018

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.li

Summary

AIN: 5139-017-017 8

Situs Address:
1151 S MAIN ST, NO A B C
LOS ANGELES CA 90015-2540

Use Type: Commercial
Parcel Type: Regular Fee Parcel
Tax Rate Area: 13264

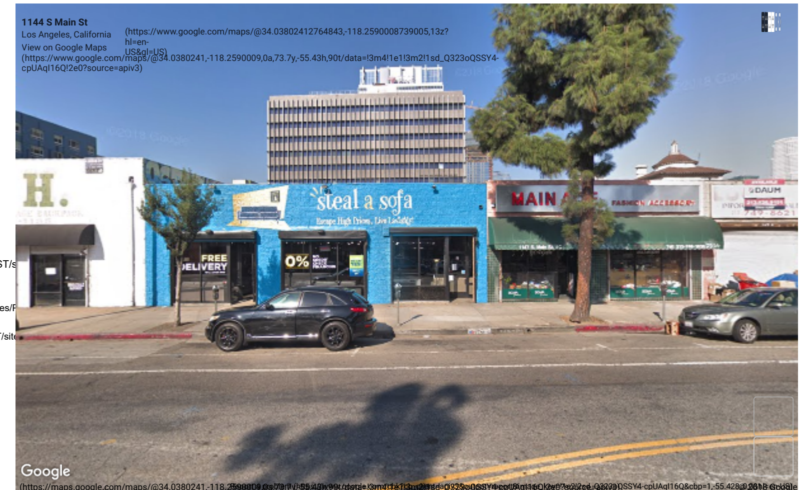
Parcel Status: ACTIVE
Create Date:
Delete Date:
Tax Status: CURRENT
Year Defaulted:
Exemption: None

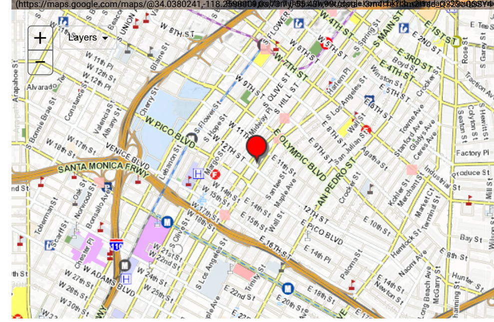
Building (0101) & Land Overview

Use Code:	1100	**# of Units:**	0	**Year Built:**	1986
Design Type:	1100	**Beds/Baths:**	0/0	**Effective Year:**	1986
Quality Class:	C55A	**Building SqFt:**	4,800	**Land SqFt:**	5,848



(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/s
val=5139-017)
Parcel Map
(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/F
val=5139-017) / Map Index
(http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/site
val=5139-NDX)





	2019 Roll Preparation		2018 Current Roll	RC	Year		2003 Base Value
$	908,844	$	891,024	A	2003	$	700,000
$	324,583	$	318,219	A	2003	$	249,999
$	1,233,427	$	1,209,243			$	949,999

Assessor's Responsible Division
District: Hall of Administration
Region: 23
Cluster: 23810 CONV CENTER

Hall of Administration (https://maps.google.com/?q=500+W.+Temple+St.+Room+180+Los+Angeles%2C+CA+90012-2770)
500 W. Temple St. Room 180
Los Angeles, CA 90012-2770

Phone: (213) 974-3108
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm

Building and Land Characteristics

Land Information

Use Code = 1100 (Commercial)

Total SqFt (GIS):	5,848	**Sewers:**	Yes	**Corner Lot:**	No	**Zoning:**	LAC2
Total SqFt (PDB):	5,900	**Flight Path:**	No	**Golf Front:**	No	**Code Split:**	No
Usable SqFt:	5,858	**X-Traffic:**	No	**Horse Lot:**	No	**Impairment:**	None
Acres:		**Freeway:**	No	**View:**	None		
Land W' x D':	50 x 118						

Use Code: 1100 (Commercial)
1 = Commercial
1 = Store
0 = Unused or Unknown Code (No Meaning)
0 = One Story

Situs Address:
1151 S MAIN ST, NO A B C LOS ANGELES CA 90015-2540

Legal Description *(for assessment purposes)***:**
TRACT NO 2289 LOT 36

Building Information

SUBPART:	***0101***	**# of Units:**	0	**Year Built:**	1986	**RCN Other:**	$ 2,000
Design Type:	1100	**Beds/Baths:**	0/0	**Effective Year:**	1986	**RCN Other Trended:**	$ 4,344
Quality Class:	C55A	**Building SqFt:**	4,800	**Depreciation:**	UC50 / 00 / 0	**Year Change:**	1987

Design Type: 1100
1 = Commercial
1 = Store
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

of Units: 0
Beds/Baths: 0/0
Building SqFt: 4,800
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only:

Recording Date	Seq. #	Re-Assessed	Doc #	OC1	OC2	Doc Type	Doc Reason	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
12/31/2002	50	Yes	3234221	3	5	H	A	3	00%-0	3	$ 0	$ 950,000
10/27/1997	50	No	1687631	3	7	B	U		00%-0		$ 0	$ 311,235
12/21/1976	50	Yes	0001114					3	00%-0	3	$ 200,002	$ 0

Assessment History

Show All: **Hide Inactive Rolls:**

Showing 1 to 10 of 45 entries.

Roll Detail													Real Property Value					
Bill Number	Bill Type	Bill Status	Date Created	Date to Auditor	Recording Date	Seq #	Doc #	Doc Type	Doc Reason	OC1	OC2	%	Total Value	Land Value	Reason Code	Base Year	Improvement Value	Reason Code	Base Year
219-PSEG					12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,233,427	$ 908,844	A	2003	$ 324,583	A	2003
2180000	R	A	07/19/2018	07/19/2018	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,209,243	$ 891,024	A	2003	$ 318,219	A	2003
2170000	R	A	06/26/2017	06/26/2017	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,185,533	$ 873,553	A	2003	$ 311,980	A	2003
2160000	R	A	07/05/2016	07/05/2016	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,162,288	$ 856,425	A	2003	$ 305,863	A	2003
2150000	R	A	06/23/2015	06/23/2015	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,144,830	$ 843,561	A	2003	$ 301,269	A	2003
2140000	R	A	06/24/2014	06/24/2014	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,122,405	$ 827,037	A	2003	$ 295,368	A	2003
2130000	R	A	06/25/2013	06/25/2013	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,117,334	$ 823,300	A	2003	$ 294,034	A	2003
2120000	R	A	06/27/2012	06/27/2012	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,095,426	$ 807,157	A	2003	$ 288,269	A	2003
2110000	R	A	07/06/2011	07/06/2011	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,073,948	$ 791,331	A	2003	$ 282,617	A	2003
2100000	R	A	07/22/2010	07/22/2010	12/31/2002	50	3234221	H	A	3	5	00%-0	$ 1,065,922	$ 785,417	A	2003	$ 280,505	A	2003

« 1 2 3 4 5 »

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Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 10/21/2018

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.li

All applications must be filled out by applicant.
(USE INK OR INDELIBLE PENCIL)

Ward 4

PLANS AND SPECIFICATIONS and other data must also be filed.

BOARD OF PUBLIC WORKS

DEPARTMENT OF BUILDINGS

Application to Alter, Repair or Demolish

Application is hereby made to the Board of Public Works (Chief Inspector of Buildings), of the City of Los Angeles, for the approval of this detailed statement of specifications herewith submitted for the alteration, repair or demolition of the building herein described. All provisions of the building ordinances and state laws shall be complied with in the alterations of said building, whether herein specified or not. It is also understood the granting of a permit on this application does not grant any right or privilege for the alteration, repair or demolition of the building herein described, on any public street or alley or on any land or portion thereof, the title or right of possession to which is in litigation by, or is disputed by the City, County or State; or as giving or granting any right or privilege to use the said structure or building for any purpose which is, or may hereafter be prohibited by ordinance of the City of Los Angeles.

(SIGN HERE) L. L. Brownyer

CITY ASSESSOR: Please Verify

TAKE TO ROOM NO. 6 FIRST FLOOR

REMOVED FROM	REMOVED TO
Lot ..... Block	Lot Arb 38 Block .....
Tract	Tract 7.98 acres N.d. N. by 11 2/4 rds E by Main St S by 12 4/5 rds Arch St by Hill St
Book ..... Page ..... F. B. Page	Book 10 Page 14 F. B. Page 260

CITY ENGINEER: Please Verify Street Number

TAKE TO ROOM NO. 34 THIRD FLOOR

From No. 1101 - 1199 To No. Main St.

1. Owner's name Stanley Land & Fruit Co.
2. Owner's address 729 W 2nd St & 1829 E 1st
3. Architect's name .....
4. Contractor's name L. L. Brownyer
5. Contractor's address .....
6. Entire cost of the Proposed Improvements, $ 100.00
7. Purpose of the building Private School
8. Class of building D No. of rooms at present .....
9. No. of stories in height 2 Size of present building X
10. Size of new addition X .....
11. Material of foundation ..... Size Footing ..... Size of wall .....
12. Size of exterior studs X Interior studs X
13. Size of mud sills X Bearing studs X
14. Size of first floor joist X Second floor joist X
15. STATE ON FOLLOWING LINES JUST WHAT YOU WANT TO DO:—

Are going to repair the roof, paint the front, paint the trim in the front, reglazing & replace broken windows, etc. Painting & repairing of fence.

PERMIT NO. 11490 Date issued NOV 28 1911, 191

Application Received .....

OVER

REMARKS.

Application Received _____ Time _____ Returned _____

All Applications must be filled out by Applicant

Bldg. Form 3

8/24/22

PLANS AND SPECIFICATIONS and other data must also be filed

3

BOARD OF PUBLIC WORKS

DEPARTMENT OF BUILDINGS

Application to Alter, Repair or Demolish

To the Board of Public Works of the City of Los Angeles:

Application is hereby made to the Board of Public Works of the City of Los Angeles, through the office of the Chief Inspector of Buildings, for a building permit in accordance with the description and for the purpose hereinafter set forth. This application is made subject to the following conditions, which are hereby agreed to by the undersigned applicant and which shall be deemed conditions entering into the exercise of the permit:

First: That the permit does not grant any right or privilege to erect any building or other structure therein described, or any portion thereof, upon any street, alley, or other public place or portion thereof.

Second: That the permit does not grant any right or privilege to use any building or other structure therein described, or any portion thereof, for any purpose that is, or may hereafter be prohibited by ordinance of the City of Los Angeles.

Third: That the granting of the permit does not affect or prejudice any claim of title to, or right of possession in, the property described in such permit.

	REMOVED FROM	REMOVED TO	
TAKE TO REAR OF NORTH ANNEX 1st FLOOR CITY CLERK PLEASE VERIFY	Lot ..... Block ..... Tract ..... Book ..... Page ..... F. B. Page	Lot ..... Block ..... Tract ..... Book ..... Page ..... F. B. Page	O.K. City Clerk By ..... Deputy
TAKE TO ROOM No. 405 SOUTH ANNEX ENGINEER PLEASE VERIFY	From No. 1151 So Main St. ..... Street To No. N. side of 1153 So Main St. ..... Street	adolition on	O.K. City Engineer By ..... Deputy

(USE INK OR INDELIBLE PENCIL)

1. What purpose is the present Building now used for? Public garage.
2. What purpose will Building be used for hereafter? Same.
3. Owner's name Spencer McNelly Phone
4. Owner's address Long Beach
5. Architect's name Phone
6. Contractor's name Hulon R Sutton Phone 596-221
7. Contractor's address 1512 W. Normandie ave.
8. VALUATION OF PROPOSED WORK {Including Plumbing, Gas Fitting, Sewers, Cesspools, Elevators, Painting, Finishing, all Labor, etc.} $ 3100 00
9. Class of present Building C No. of rooms at present two (2)
10. Number of stories in height one Size of present Building 50 x 116 1/2
11. State how many buildings are on this lot one.
12. State purpose buildings on lot are used for Public Garage.

(Tenement House, Hotel, Residence, or any other purpose.)

STATE ON FOLLOWING LINES EXACTLY WHAT ALTERATIONS, ADDITIONS, ETC., WILL BE MADE TO THIS BUILDING:

Brick addition to North west corner of present building addition to be 40 ft x 50 ft one story in height & used for storage of automobiles addition to be on lot adjoining present site on north.

I have carefully examined and read the above application and know the same is true and correct, and that all provisions of the Ordinances and Laws governing Building Construction will be complied with, whether herein specified or not.

OVER

8/25/22

(Sign here) Hulon R Sutton
(Owner or Authorized Agent.)

FOR DEPARTMENT USE ONLY

PERMIT NO.	Plans and Specifications checked and found to conform to Ordinances, State Laws, etc.	Application checked and found O. K.	Stamp here when permit is issued.
29332	Plan Examiner	Clerk	L.A. BLDG. DEPT. AUG 25 1922 ISSUED

Ed Ramey

13. Size of new addition 40 x 50 No. of Stories in height one

14. Material of foundation concrete Size footings 21" Size wall 24" Depth below ground 24"

15. Size of Redwood Mudsills ..... x ..... Size of interior bearing studs ..... x .....

16. Size of exterior ~~studs~~ Brick 13" Size of interior non-bearing studs ..... x .....

17. Size of first floor joists Cement floor Second floor joists ..... x .....

18. Will all provisions of State Dwelling House Act be complied with? Yes.

I have carefully examined and read the above blank and know the same is true and correct, and that all provisions of the Ordinances and Laws governing Building Construction will be complied with, whether herein specified or not.

(Sign here) Hilton R Sutton
(Owner or Authorized Agent.)

FOR DEPARTMENT USE ONLY

APPLICATION	O. K. RS
CONSTRUCTION	O. K. RS
ZONING	O. K.
SET-BACK LINE	O. K.
ORD. 33761 (N. S.)	O. K.
FIRE DISTRICT	O. K. RD

All Applications Must be Filled Out by Applicant

PLANS AND SPECIFICATIONS and other data must also be filed

Bldg. Form 3

BUILDING DIVISION

3 DEPARTMENT OF BUILDING AND SAFETY

Application to Alter, Repair or Demolish

To the Board of Building and Safety Commissioners of the City of Los Angeles:

Application is hereby made to the Board of Building and Safety Commissioners of the City of Los Angeles, through the office of the Superintendent of Building, for a building permit in accordance with the description and for the purpose hereinafter set forth. This application is made subject to the following conditions, which are hereby agreed to by the undersigned applicant and which shall be deemed conditions entering into the exercise of the permit:

First: That the permit does not grant any right or privilege to erect any building or other structure therein described, or any portion thereof, upon any street, alley, or other public place or portion thereof.

Second: That the permit does not grant any right or privilege to use any building or other structure therein described, or any portion thereof, for any purpose that is, or may hereafter be prohibited by ordinance of the City of Los Angeles.

Third: That the granting of the permit does not affect or prejudice any claim of title to, or right of possession in, the property described in such permit.

	REMOVED FROM	REMOVED TO
TAKE TO ROOM No. 248 (2ND FLOOR) CITY CLERK PLEASE VERIFY	Lot ____ Block ____ Tract ____	Lot ____ Block ____ Tract ____
TAKE TO ROOM No. 5 (MAIN ST. FLOOR) ENGINEER PLEASE VERIFY	Book ____ Page ____ F. B. Page ____ From No. 1015 South Western Ave. Street To No. 1151 South Main St. (Bet. 11th & 12th) Street	Book ____ Page ____ F. B. Page ____

O. K. City Clerk By ____ Deputy

O. K. City Engineer By ____ Deputy

(USE INK OR INDELIBLE PENCIL)

1. What purpose is the present Building now used for? Public Garage
2. What purpose will Building be used for hereafter? Same
3. Owner's name Winslow Felix Phone ____
4. Owner's address 1151 South Main St.
5. Architect's name California Electric Sign Co. Phone Call
6. Contractor's name " " " " Phone C. Deuel
7. Contractor's address 3520 South Main St.
8. VALUATION OF PROPOSED WORK {Including all Material, Labor, Finishing, Equipment and Appliances in Completed Building.} $ 40.00
9. Class of present Building "C" No. of rooms at present 3
10. Number of stories in height 1 Size present Building 65 x 120
11. State how many buildings are on this lot 1
12. State purpose buildings on lot are used for Public Garage (Apartment House, Hotel, Residence, or any other purpose.)
13. What Zone is Property in? 2

STATE ON FOLLOWING LINES EXACTLY WHAT ALTERATIONS, ADDITIONS, ETC., WILL BE MADE TO THIS BUILDING:

Moving an existing roof sign from 1015 S. Western Ave.
to 1151 South Main St. as shown on the accompanying plan.

I have carefully examined and read the above application and know the same is true and correct, and that all provisions of the Ordinances and Laws governing Building Construction will be complied with, whether herein specified or not.

OVER

9/14/29 245 T

(Sign here) C Deuel
(Owner or Authorized Agent.)

FOR DEPARTMENT USE ONLY

PERMIT NO.	Plans and Specifications checked and found to conform to Ordinances, State Laws, etc.	Application checked and found O. K.	
24043	9-18 Plan Examiner	Clerk	L.A. Bldg. Dept. SEP 18 1929

D B Dickett
Q 78

1 mc

14. Size of new addition ____ x ____ No. of Stories in height ____

15. Material of foundation ____ Size footings ____ size wall ____ Depth below ground ____

16. Size of Redwood Mudsills ____ x ____ Size of interior bearing studs ____ x ____

17. Size of exterior studs ____ x ____ Size of interior non-bearing studs ____ x ____

18. Size of first floor joists ____ x ____ Second floor joists ____ x ____

19. Will all Lathing and Plastering Comply with Ordinance? ____

20. Will all provisions of State Housing Act be complied with? ____

I have carefully examined and read the above blank and know the same is true and correct, and that all provisions of the Ordinance and Laws governing Building Construction will be complied with, whether herein specified or not.

(Sign here) ____

(Owner) Authorized Agent)

FOR DEPARTMENT USE ONLY

APPLICATION	O. K.
CONSTRUCTION	O. K.
ZONING	O. K.
SET-BACK LINE	O. K.
ORD. 33761 (N. S.)	O. K.
FIRE DISTRICT 3	O. K.

REMARKS

1151 South Main St. Address of Building

CC Owner

Owner's Address

(Post Office) (Zone) (State)

Permit Number Year

Form B-95—30M—11-43

CITY OF LOS ANGELES
DEPARTMENT
OF
BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

Date Certificate Issued:

....., 19....

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Chapter 1, as to permitted uses of said property; Chapter 9, Articles 1, 2, 4, and 5; and with the applicable requirements of the State Housing Act,—for the following occupancies:

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

G. E. MORRIS
Superintendent of Building

By .....

CITY OF LOS ANGELES

DEPARTMENT OF BUILDING AND SAFETY

BUILDING DIVISION

No. 5313

CERTIFICATE OF COMPLETION

Los Angeles, Calif., ..., 19.....

THIS CERTIFIES that the..... Street,

.....

...g, located at.....

.....

...ich Building Permit No..... was issued....., 19.....,

...en inspected and found to comply with Building Ordinance provisions.

BOARD OF BUILDING AND SAFETY,

By.....

Chief Clerk.

28

1121 S. Main St. — Address of Building

East Coast Stationery — Owner

Owner's Address
1114 S. Broadway
Los Angeles 15, Calif.

Permit Number 2167 — Year 1948

Form B-95—20M—11-47

CITY OF LOS ANGELES
DEPARTMENT
OF
BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

Date Certificate Issued:

APR 7 1948, 19

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Chapter 1, as to permitted uses of said property; Chapter 9, Articles 1, [redacted] and with the applicable requirements of the State Housing Act,—for the following occupancies:

1 Story Type III Printing shop & storage

50 x 150 G OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

G. E. MORRIS
Superintendent of Building

By [signature]

Bldg. Form 3

205

3

CITY OF LOS ANGELES

DEPARTMENT OF BUILDING AND SAFETY

BUILDING DIVISION

APPLICATION TO ALTER, REPAIR, MOVE OR DEMOLISH A BUILDING OF TYPE III A

REMOVED FROM	REMOVED TO
Lot	Lot
Tract	Tract
Present location of building: 1151 S. Main St. (House Number and Street)	
New location of building	(House Number and Street)
Between what cross streets: 11th & 12th	Approved by City Engineer
	Deputy

USE INK OR INDELIBLE PENCIL

1. Use of existing building: Auto Body Repair (Store, Dwelling, Apartment House, Hotel or other purpose) Families — Rooms —
2. State how long building has been used for present occupancy 15 Yrs
3. Use of building AFTER alteration or moving: Same Families — Rooms —
4. Owner (Print Name): Patrick Auto Wks Phone —
5. Owner's Address: 1151 S. Main St. P.O. LA
6. ~~Certificated Architect~~ State License No. ~~Phone~~
7. ~~Licensed Engineer~~ State License No. ~~Phone~~
8. Contractor: The Ted L Cooper Co. Inc State License No. 382 Phone PE 4158
9. Contractor's Address: 1121 S. Hill St. OFWMT.
10. VALUATION OF PROPOSED WORK (including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electrical wiring and elevator equipment therein or thereon.) $ 210.00
11. State how many buildings NOW on lot and give use of each: 1 Auto Body Repair (Store, Dwelling, Apartment House, Hotel or other purpose)
12. Size of existing building 50' x 117' Number of stories high 1 Height to highest point 30'
13. Material Exterior Walls: Masonry (Wood, Steel or Masonry) Exterior framework — (Wood or Steel)
14. Describe briefly all proposed construction and work: Install new shop office & sash in ext. office — See plans

Fill in Application on other Side and Sign Statement (Over)

FOR DEPARTMENT USE ONLY

PERMIT No. 63763

PLANS Rec'd —

Inside Lot | Key Lot | Lot Size | Ft. rear alley | Clerk
Corner Lot | Corner Lot Reyed | | Ft. side alley

Plans and Specifications checked: W.M. Taggart

Corrections verified: W.M. Taggart

Plans, Specifications and Application rechecked and approved: [illegible]

For Plans See | Filed with

Zone: M-2 | Fire District: No. 1

Bldg. Line: — Ft. | Street Widening: — Ft.

Application checked and approved: [illegible] Clerk

Continuous Inspection | SPRINKLER Specified Required | Valuation Included Yes — No —

Fee 2.00

Stamp here when Permit is issued

Inspector

PLANS, SPECIFICATIONS, and other data must be filed if required.

NEW CONSTRUCTION

15. Size of Addition Horiz Size of Lot ..... x ..... Number of Stories when complete

16. Type of Roofing.....

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Sign here .....
(Owner or Authorized Agent)

By

FOR DEPARTMENT USE ONLY

(a) Footing: Width ..... Depth in Ground ..... Width of Wall .....

(b) Size of Studs ..... Material of Floor .....

(c) Size of Floor Joists ..... x ..... Size of Rafters ..... x .....

(1) PLAN CHECKING	(2) REINFORCED CONCRETE	(3)
Receipt No. 3104	Barrels of Cement	The building referred to in this Application will be more than 100 feet from ..... Street
Valuation $ 210	Tons of Reinforcing Steel	Sign here ..... (Owner or Authorized Agent)
Fee Paid $ 1		

REMARKS: .....

3

APPLICATION TO ALTER, REPAIR OR DEMOLISH AND FOR A Certificate of Occupancy:

Form 3-1—8M—12-61
CITY OF LOS ANGELES
DEPARTMENT
OF
BUILDING AND SAFETY
BUILDING DIVISION

Lot No. 32-36

Tract 2281

Location of Building 1151 So MAIN ST (House Number and Street)

Between what cross streets 11TH & 12TH

Approved by City Engineer

Deputy

USE INK OR INDELIBLE PENCIL

1. Present use of building BODY & FENDER SHOP Families Rooms (Store, Dwelling, Apartment House, Hotel or other purpose)
2. State how long building has been used for present occupancy 3 YEARS
3. Use of building AFTER alteration or moving PRINT SHOP Families Rooms
4. Owner WEST COAST STATIONERY & PRINTING CO Phone PR 3071 (Print Name)
5. Owner's Address 1144 So. BROADWAY P. O.
6. Certificated Architect NONE State License No. Phone
7. Licensed Engineer NONE State License No. Phone
8. Contractor ~~Name~~ OWNER State License No. Phone
9. Contractor's Address SAME AS ABOVE
10. VALUATION OF PROPOSED WORK (including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electrical wiring and elevator equipment therein or thereon.) $ 3000.00 (est.)
11. State how many buildings NOW on lot and give use of each. 1 - BODY & FENDER SHOP (Store, Dwelling, Apartment House, Hotel or other purpose)
12. Size of existing building 50' x 115' Number of stories high 1 Height to highest point 24'
13. Material Exterior Walls MASONRY (Wood, Steel or Masonry) Exterior framework (Wood or Steel)
14. Describe briefly all proposed construction and work:

REMOVE LARGE PLATE GLASS WINDOWS & DOORS AT FRONT OF BLDG. REPLACE WITH BRICK & SMALLER DOORS. PROVIDE ADDITIONAL SANITARY FACILITIES & TEMPORARY INTERIOR PARTITIONS. EXISTING STEEL FRAME TO REMAIN IN EXISTING BUILDING - S/O Structural alterations.

NEW CONSTRUCTION

15. Size of Addition x Size of Lot x Number of Stories when complete
16. Footing: Width Depth in Ground Width of Wall Size of Floor Joists x
17. Size of Studs x Material of Floor Size of Rafters x Type of Roofing

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Sign here Emmett A. Harvey (Owner or Authorized Agent)

DISTRICT OFFICE By

FOR DEPARTMENT USE ONLY

PLAN CHECKING
Date FEB-6 1958
Receipt No. 7971
Valuation $ 3000.00
Fee Paid $ 5.00

REINFORCED CONCRETE
Bblr. Cement
Tons of Reinforcing Steel

FEES
Bldg. Per. 12.00
Cert. of Occupancy
Total 12.00

TYPE	GROUP	Occupancy No. assigned	Inside Lot / Corner Lot	Key Lot / Corner Lot Keyed	Lot Size	12 Feet rear alley / X Ft. side alley	Work Started
III-A	G.				50 X 117		

PERMIT No.	Plans and specifications checked	Zone	Fire District No. 1	District Map No. 5518
LA 2167		M-2		
	Corrections Verified	Bldg. Line Ft.	Street Widening Ft.	
	Plans, specifications and estimates examined and approved	Application checked and approved FEB 7 1958		Plans here when Permit is issued FEB-6 1958
PLANS				
Sets	For Plans Exc.	Plans sent	Conference Inspection	SPRINKLER Sprinkler Required / Sprinkler Installed Yes No	Inspector

3

APPLICATION TO ALTER, REPAIR, or DEMOLISH AND FOR A Certificate of Occupancy

Form B-3
CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY
BUILDING DIVISION

Lot No. .....

Tract .....

Location of Building 1147 South Main Street (House Number and Street) ..... } Approved by City Engineer

Between what cross streets? Olympic & Pico ..... } ..... Deputy.

USE INK OR INDELIBLE PENCIL

1. Present use of building Printing shop (Store, Dwelling, Apartment House, Hotel or other purpose) Families ..... Rooms .....
2. State how long building has been used for present occupancy .....
3. Use of building AFTER alteration or moving ..... Families ..... Rooms .....
4. Owner West Coast Stationery (Print Name) Phone .....
5. Owner's Address 1144 South Broadway P. O. .....
6. Certificated Architect ..... State License No. ..... Phone .....
7. Licensed Engineer ..... State License No. ..... Phone .....
8. Contractor Atlas Roof Co. State License No. 53245 Phone Pr 0191
9. Contractor's Address 1045 West Jefferson Blvd. L. A. #7
10. VALUATION OF PROPOSED WORK (Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electrical wiring and elevator equipment therein or thereon.) $ 275.00
11. State how many buildings NOW on lot and give use of each. .....
(Store, Dwelling, Apartment House, Hotel or other purpose)
12. Size of existing building ..... x ..... Number of stories high 1 Height to highest point .....
13. Material Exterior Walls Brick (Wood, Steel or Masonry) Exterior framework ..... (Wood or Steel)
14. Describe briefly all proposed construction and work:
Reroofing with one layer of 15# felt and a 90# capsheet.

J.O. 23692 — To be written after application recd.

NEW CONSTRUCTION

15. Size of Addition ..... x ..... Size of Lot ..... x ..... Number of Stories when complete. .....
16. Footing: Width. ..... Depth in Ground ..... Width of Wall ..... Size of Floor Joists ..... x .....
17. Size of Studs ..... x ..... Material of Floor ..... Size of Rafters ..... x ..... Type of Roofing .....

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Sign here ATLAS ROOF COMPANY (Owner or Authorized Agent)

By W. Hansmann

DISTRICT OFFICE .....

FOR DEPARTMENT USE ONLY

PLAN CHECKING		OCCUPANCY SURVEY	
Valuation $	.....	Area of Bldg. ..... Sq. Ft.	Investigation Fee $10.00 WHR
Fee $	.....	Fee $	Cert. of Occupancy Fee $ 2.50
			Bldg. Permit Fee $ 2.50
			Total $12.50

TYPE	Maximum No. Occupants	Inside Lot / Corner Lot	Key Lot / Corner Lot Keyed	Lot Size	..... Ft. rear alley / Ft. side alley	Clerk 2.50 WHR
GROUP	Plans and Specifications checked		Zone M	Fire District No. 1	District Map No.	
For Plans See	Correction Verified		Bldg. Line Ft.	Street Widening Ft.	Application checked and approved Fullgrand	
Filed with	Plans, Specifications and Application rechecked and approved,		Continuous Inspection	SPRINKLER Specified—Required Valuation Included Yes— —No	Inspector JUL 27 1953 Clerk	

DO NOT WRITE BELOW THIS LINE

TYPE OF RECEIPT	DATE ISSUED	TRACER NO. (M)	RECEIPT NO.	CODE	FEE PAID
Plan Checking					
Supplemental Plan Checking					✓
Building Permit	AUG 4 1953		A66378		

TYPE OF RECEIPT | DATE ISSUED | TRACER NO. (M) | RECEIPT NO. | CODE | FEE PAID

Certificate of Occupancy
Occupancy Survey

1953 JUL 22 AM 9:15

3

APPLICATION TO ALTER, REPAIR, or DEMOLISH AND FOR A Certificate of Occupancy

Form B-3
CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY
BUILDING DIVISION

Lot No. 36

Tract

Location of Building 1151 So Main St L A (House Number and Street)

Between what cross streets? 11th & 12th

Approved by City Engineer

Deputy.

USE INK OR INDELIBLE PENCIL

1. Present use of building Print Shop Families Rooms (Store, Dwelling, Apartment House, Hotel or other purpose)
2. State how long building has been used for present occupancy 35 years
3. Use of building AFTER alteration or moving Same Families Rooms
4. Owner West Coast Stationary Co Phone PR 3071 (Print Name)
5. Owner's Address 1144 So ~~Broadway~~ Broadway P. O. L.A.
6. Certificated Architect State License No. Phone
7. Licensed Engineer State License No. Phone
8. Contractor Seablom & Platt State License No. Phone DU 9.2616
9. Contractor's Address 200 So Manhattan Pl
10. VALUATION OF PROPOSED WORK {Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electrical wiring and elevator equipment therein or thereon.} $ 400.00
11. State how many buildings NOW on lot and give use of each. One Store Bldg. (Store, Dwelling, Apartment House, Hotel or other purpose)
12. Size of existing building 50 x 100 Number of stories high 1 Height to highest point 18'0"
13. Material Exterior Walls Brick (Wood, Steel or Masonry) Exterior framework (Wood or Steel)
14. Describe briefly all proposed construction and work: Replaster Front only

TYPE OF RECEIPT
Certificate of Occupancy
Occupancy Survey

DATE ISSUED

TRACER NO. (M)

RECEIPT NO.

CODE

FEE PAID

NEW CONSTRUCTION

15. Size of Addition x Size of Lot x Number of Stories when complete
16. Footing: Width Depth in Ground Width of Wall Size of Floor Joists x
17. Size of Studs x Material of Floor Size of Rafters x Type of Roofing

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Sign here Andrew Seablom (Owner or Authorized Agent)

DISTRICT OFFICE By

FOR DEPARTMENT USE ONLY

PLAN CHECKING	OCCUPANCY SURVEY	
Valuation $ no plans Dr Fee $	Area of Bldg. Sq. Ft. Fee $	Investigation Fee $ Cert. of Occupancy Fee $ Bldg. Permit Fee $ 3.00 Total $

TYPE III A	Maximum No. Occupants Inside Lot Corner Lot	Key Lot Corner Lot Keyed	Lot Size 1RREG.	12 Ft. rear alley X Ft. side alley	Clerk
GROUP G-1	Plans and Specifications checked	Zone M-2	Fire District No 2 100'	District Map No. 552	
For Plans See	Correction Verified	Bldg. Line — Ft.	Street Widening — Ft.	Application checked and approved	
Filed with	Plans, Specifications and Application rechecked and approved.	Continuous Inspection	SPRINKLER Required Valuation Included Yes— —No	Inspector	

DO NOT WRITE BELOW THIS LINE

TYPE OF RECEIPT	DATE ISSUED	TRACER NO. (M)	RECEIPT NO.	CODE	FEE PAID
Plan Checking					
Supplemental Plan Checking					
Building Permit	NOV 22 1954	LA 2375	LA [redacted]	L [redacted]	

3 APPLICATION FOR INSPECTION — TO ADD-ALTER-REPAIR-DEMOLISH AND FOR CERTIFICATE OF OCCUPANCY

CITY OF LOS ANGELES — B & S B-3 — R6-76 DEPT OF BUILDING AND SAFETY

INSTRUCTIONS: Applicant to Complete Numbered Items Only.

1. LEGAL DESCR. LOT	36	BLK	TRACT 2289	DIST. MAP 126 209 / CENSUS TRACT 2079.00
2. PRESENT USE OF BUILDING	(24 Warehouse	NEW USE OF BUILDING	( )Warehouse & Office	ZONE M2-4-0
3. JOB ADDRESS	1151 South Main Street			FIRE DIST. one
4. BETWEEN CROSS STREETS	11th st	AND	12th st	LOT (TYPE) int
5. OWNER'S NAME	THE FIET COMPANY		PHONE 747 9383	LOT SIZE
6. OWNER'S ADDRESS	241 W. Olympic Blvd.,	CITY Los Angeles	ZIP	inc.legal
7. ENGINEER	BUS. LIC. NO.	ACTIVE STATE LIC. NO.	PHONE	ALLEY 12'rear
8. ARCHITECT OR DESIGNER	BUS. LIC. NO.	ACTIVE STATE LIC. NO.	PHONE	BLDG. LINE -----
9. CONTRACTOR P. J. Lewis	BUS LIC NO 322679	ACTIVE STATE LIC. NO. 754 4337	PHONE	AFFIDAVITS DPD CCPD *ZI940
10. BRANCH LENDER	ADDRESS	CITY		

11. SIZE OF EXISTING BLDG. WIDTH / LENGTH	STORIES 1	HEIGHT	NO. OF EXISTING BUILDINGS ON LOT AND USE

12. CONST. MATERIAL OF EXISTING BLDG.	EXT. WALLS masonry	ROOF comp	FLOOR conc	SEISMIC STUDY ZONE -----

3

13. JOB ADDRESS 1151 South Main St. — DIST. OFFICE LA

14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 2500 — CRIT. SOIL -----

15. NEW WORK: (Describe) office & customers service rooms — GRADING -----

wood frame-drywall & panel — HIGHWAY DED yes

NEW USE OF BUILDING	SIZE OF ADDITION	STORIES	HEIGHT	FLOOD
WAREHOUSE & OFFICE	x	/	x	-----

TYPE	GROUP OCC.	BLDG. AREA	PLANS CHECKED	CONS.
III A	G	x	R. Olaiz	---

DWELL. UNITS	MAX OCC.	TOTAL	PLANS APPROVED	ZONED BY
—	N/C			*GK1

GUEST ROOMS	PARKING REQ'D	PARKING PROVIDED STD	COMP.	APPLICATION APPROVED	FILE WITH
—	N/C			R. Olaiz	

SPRINKLERS REQ'D SPECIFIED	CONT. INSP.	INSPECTION ACTIVITY COMB	GEN	MAJ. S.	CONS	INSPECTOR
--	—					

P.C.	S.P.C.	B.P.	T.I.	P.M.	I.F.	G.P.I.	C/O	O.S.
18.70	—	22.00	—	—	11			

P.C. No

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID. PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED.

TYPIST mj

CASHIER'S USE ONLY

JAN--3-77 46881 •37800 I=6 CK 18.70
JAN--3-77 46881 •37800 I=1 CK 22.00

STATEMENT OF RESPONSIBILITY

I certify that in doing the work specified herein I will not employ any person in violation of the Labor Code of the State of California relating to workmen's compensation insurance.

"This permit is an application for inspection, the issuance of which is not an approval or an authorization of the work specified herein. This permit does not authorize or permit, nor shall it be construed as authorizing or permitting the violation or failure to comply with any applicable law. Neither the City of Los Angeles, nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein, or the condition of the property or soil upon which such work is performed." (See Sec. 91.0202 L.A.M.C.)

Signed X P. J. Lewis (Owner or Agent having Property Owner's Consent)

				Signature/Date
Bureau of Engineering	ADDRESS APPROVED			chin 12-31-76
	DRIVEWAY			
	HIGHWAY DEDICATION		REQUIRED	
			COMPLETED	
	FLOOD CLEARANCE			
	SEWERS		SEWERS AVAILABLE	
			NOT AVAILABLE	
	NO SEWER/PLUMBING REQ'D		SFC PAID	
	SFC NOT APPLICABLE		SFC DUE	
Conservation	APPROVED FOR ISSUE ☐	NO FILE ☐		
Fire	APPROVED (TITLE 19) (L.A.M.C.-S700)			
Housing	HOUSING AUTHORITY APPROVAL			
Planning	APPROVED UNDER CASE #			
Traffic	APPROVED FOR			
Construction Tax	RECEIPT NO.		DWELLING UNITS	

YOU ARE ADVISED THAT THIS PROPERTY
IS IN THE CENTRAL BUSINESS DISTRICT
REDEVELOPMENT PROJECT

NO CHANGE IN PLOT PLAN

APPLICATION FOR INSPECTION — TO ADD-ALTER-REPAIR-DEMOLISH

3 CITY OF LOS ANGELES — AND FOR CERTIFICATE OF OCCUPANCY — B & S 8-3 — R8-76 DEPT. OF BUILDING AND SAFETY

INSTRUCTIONS: Applicant to Complete Numbered Items Only.

1. LEGAL DESCR.	LOT 36	BLK	TRACT 2289	DIST. MAP 126 209 / CENSUS TRACT 2079.00
2. PRESENT USE OF BUILDING (22) Warehouse & office	NEW USE OF BUILDING) Warehouse & office			ZONE M2-4-0
3. JOB ADDRESS 1151 South Main St.				FIRE DIST. one
4. BETWEEN CROSS STREETS 11th st	AND 12th st			LOT (TYPE) int
5. OWNER'S NAME THE FIET COMPANY	PHONE 747 9883			LOT SIZE
6. OWNER'S ADDRESS 241 W. Olympic Blvd.,	CITY Los Angeles	ZIP		inc.legal
7. ENGINEER	BUS LIC NO	ACTIVE STATE LIC. NO	PHONE	ALLEY 12'rear
8. ARCHITECT OR DESIGNER	BUS LIC NO	ACTIVE STATE LIC NO	PHONE	BLDG. LINE -----
9. CONTRACTOR P. J. Lewis	BUS LIC NO 322 679	ACTIVE STATE LIC NO 754 4337	PHONE	AFFIDAVITS DPD CCPD *ZI940
10. BRANCH LENDER	ADDRESS	CITY		

11. SIZE OF EXISTING BLDG. WIDTH 50 LENGTH 150	STORIES 1	HEIGHT	NO. OF EXISTING BUILDINGS ON LOT AND USE 1 - WAREHOUSE	
12. CONST. MATERIAL OF EXISTING BLDG. →	EXT. WALLS brick	ROOF	FLOOR	SEISMIC STUDY ZONE -----
3 **13.** JOB ADDRESS 1151 South Main St.				DIST. OFFICE LA
14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING	$ 2500.00			CRIT. SOIL -----
15. NEW WORK: (Describe) close exterior opening (over)				GRADING -----
				HIGHWAY DED yes

NEW USE OF BUILDING (3) Warehouse for	SIZE OF ADDITION N/C	STORIES	HEIGHT N/C	FLOOD -----
TYPE III	GROUP OCC. G-1	BLDG. AREA N/C	PLANS CHECKED	CONS. -----
DWELL UNITS —	MAX OCC. —	TOTAL	PLANS APPROVED	ZONED BY
GUEST ROOMS —	PARKING REQ'D N/C	PARKING PROVIDED STD. — COMP	APPLICATION APPROVED	FILE WITH
SPRINKLERS REQ'D SPECIFIED	CONT. INSP. —		INSPECTION ACTIVITY: COMB — GEN — MAJ. S. — CONS	INSPECTOR

P.C.	S.P.C.	B. 22.03	T.I.	P.M.	I.F. 11	G.P.I.	C/O	O.S.

P.C No

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID. PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED

TYPIST mj

CASHIER'S USE ONLY ..... JAN-26-77 525825 •38915 T — 2 OK 22.00

STATEMENT OF RESPONSIBILITY

I certify that in doing the work specified herein I will not employ any person in violation of the Labor Code of the State of California relating to workmen's compensation insurance.

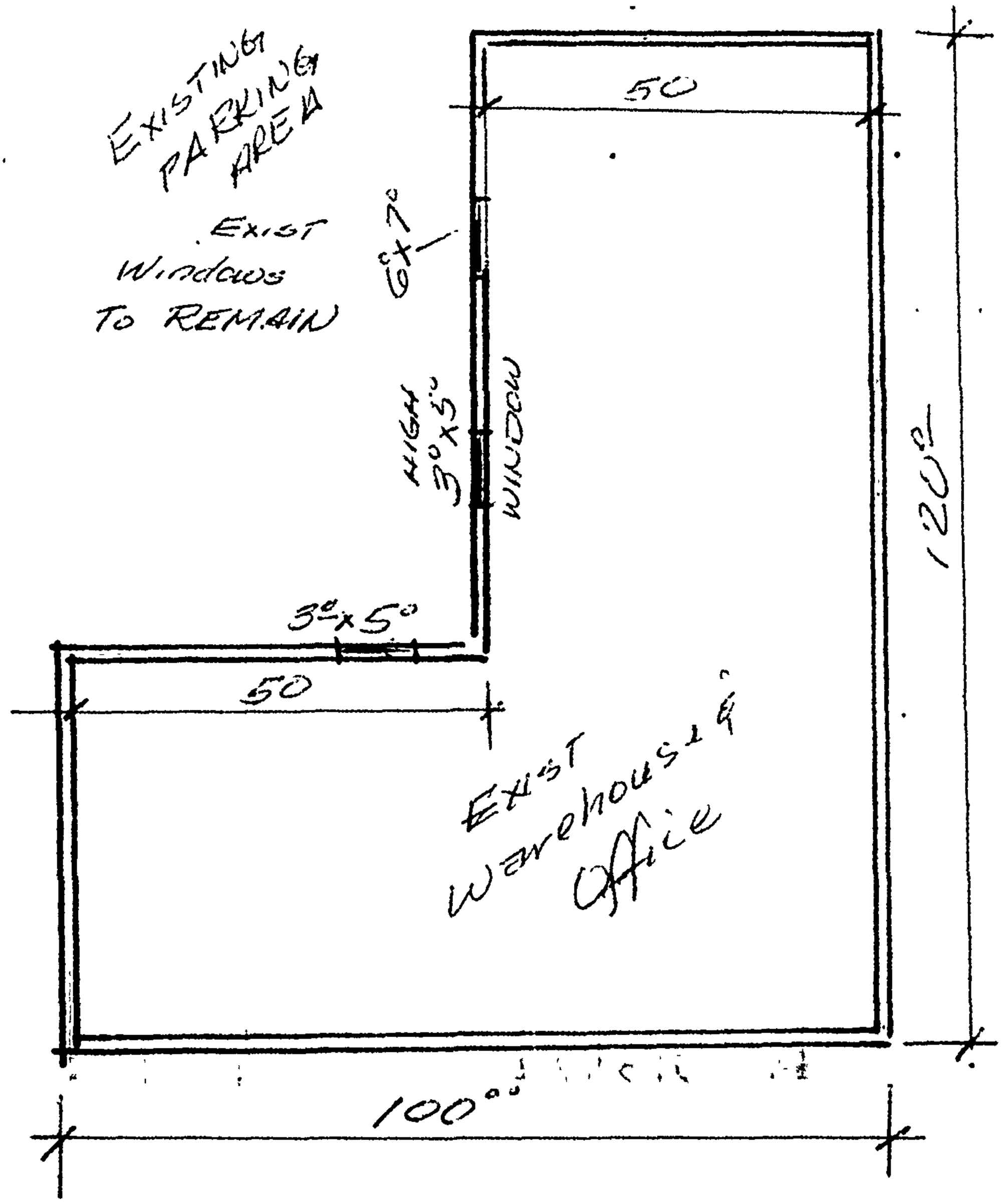
"This permit is an application for inspection, the issuance of which is not an approval or an authorization of the work specified herein. This permit does not authorize or permit, nor shall it be construed as authorizing or permitting the violation or failure to comply with any applicable law. Neither the City of Los Angeles, nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein, or the condition of the property or soil upon which such work is performed." (See Sec. 91.0202 L.A.M.C.)

Signed X P. J. Lewis
(Owner or Agent having Property Owner's Consent)

Signature/Date

Bureau of Engineering	ADDRESS APPROVED		see LA37800/77
	DRIVEWAY		
	HIGHWAY DEDICATION	REQUIRED	
		COMPLETED	
	FLOOD CLEARANCE		
	SEWERS	SEWERS AVAILABLE	
		NOT AVAILABLE	
	NO SEWER/PLUMBING REQ'D	SFC PAID	
	SFC NOT APPLICABLE	SFC DUE	
Conservation	APPROVED FOR ISSUE ☐ NO FILE ☐		
Fire	APPROVED (TITLE 19) (L.A.M.C -S700)		
Housing	HOUSING AUTHORITY APPROVAL		
Planning	APPROVED UNDER CASE #		
Traffic	APPROVED FOR		
Construction Tax	RECEIPT NO.	DWELLING UNITS	

1151 S Main St.



3 APPLICATION FOR INSPECTION

CITY OF LOS ANGELES DEPT OF BUILDING AND SAFETY

TO ADD-ALTER-REPAIR-DEMOLISH AND FOR CERTIFICATE OF OCCUPANCY

		1	7	0	0 / 0 1 C

INSTRUCTIONS: 1. Applicant to Complete Numbered Items Only.

1. LEGAL DESCR.	LOT 36 & 37 ~~35 36~~	BLOCK 11 1/2 E	TRACT 2289	COUNCIL DISTRICT NO. 9	DIST. MAP 126-209 CENSUS TRACT 2079
2. PRESENT USE OF BUILDING 22) Warehouse		NEW USE OF BUILDING ( ) Demolish			ZONE M2-4-0(-2)
3. JOB ADDRESS ~~1151 to 1147~~ 1147-1151 S. Main St.			(1147-1151 S. Main St.)		FIRE DIST. I
4. BETWEEEN CROSS STREETS 11th St. AND 12th St.					LOT TYPE Int.
5. OWNER'S NAME Mr. Feit			PHONE		LOT SIZE Irreg
6. OWNER'S ADDRESS 1325 S. Olive St.		CITY LA	ZIP		ALLEY 12' rear
7. ENGINEER	BUS. LIC. NO.	ACTIVE STATE LIC. NO.	PHONE		
8. ARCHITECT OR DESIGNER	BUS LIC. NO.	ACTIVE STATE LIC. NO.	PHONE		BLDG. LINE —
9. ARCHITECT OR ENGINEER'S ADDRESS	CITY	ZIP			AFFIDAVITS ZI 940
10. CONTRACTOR ~~James Hill~~ Argentina Co.	BUS. LIC. NO (310386)	ACTIVE STATE LIC. NO. ~~021-246556~~	PHONE (213)829-1776 ~~291-1842~~		CCPD7DTPD
11. SIZE OF EXISTING BLDG. WIDTH 100 LENGTH 115	STORIES 1	HEIGHT 18'	NO. OF EXISTING BUILDINGS ON LOT AND USE 1 Warehouse		P.C. REQ'D No (D)
12. CONST. MATERIAL OF EXISTING BLDG. ⇒	EXT. WALLS bricks	ROOF wood	FLOOR conc	STREET GUIDE	DISTRICT OFFICE LA
13. JOB ADDRESS ~~1151 to 1147~~ 1147-1151 S. Main St.					
14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING	$ 30,000				SEISMIC STUDY ZONE ---
15. NEW WORK (Describe) Demoslish/handwreck SC# K5797					GRADING — FLOOD — HWY. DED. yes CONS. --
NEW USE OF BUILDING DEMO	SIZE OF ADDITION —	STORIES —	HEIGHT —		ZONED BY
TYPE —	GROUP OCC. —	FLOOR AREA —	PLANS CHECKED L. Brugger		FILE WITH
DWELL UNITS —	MAX OCC. —	TOTAL	APPLICATION APPROVED L. Brugger		TYPIST cn
GUEST ROOMS —	PARKING REQ'D —	PARKING PROVIDED STD. COMP.	INSPECTION ACTIVITY COMB GEN MAJ.S. CONS. E.Q.		INSPECTOR

P.C. 152.15	G.P.I.	CONT INSP	Claims for refund of fees paid on permits must be filed 1 Within one year from date of payment of fee; or 2. Within one year from date of expiration of extension for building or grading permits granted by the Dept. of B. & S. SECTIONS 22.12 & 22.13 LAMC
S.P.C.	P.M.		
B.P. 179.00	E.I. 2.10		
J.F. (75.00)	F.H.		
O/S	D.S.S. 8.17		
DIST. OFFICE LA	S.O.S.S.	SPRINKLERS REQ'D SPEC. NO	
P.C. NO. C1361	C/O	ENERGY NO	

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED

B & S B-3 (R 5.85)

CASHIER'S USE ONLY

C 152.15 B-PC
C 179.00 BP-R
C 75.00 I.F.
C 2.10 E.I.
C 8.17 OSS
(385 08 0004)
K5198 06/05/86 4:16:48 CHTO
Fee(s) paid 12/86

DECLARATIONS AND CERTIFICATIONS

LICENSED CONTRACTORS DECLARATION

16. I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Date 6-4-86 Lic. Class C-21 Lic. Number 310386 Contractor Juan Carlos Argueta (Signature)

OWNER-BUILDER DECLARATION

17. I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner's Signature _____

WORKERS' COMPENSATION DECLARATION

18. I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 7405446-86 Insurance Company State Fund (7-1-87)

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Los Angeles City Dept. of Bldg. & Safety.

Date 6-4-86 Applicant's Signature Juan Carlos Argueta

Applicant's Mailing Address _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

19. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant's Signature _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

20. I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____ Lender's Address _____

21. I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

I realize that this permit is an application for inspection, that it does not approve or authorize the work specified herein, that it does not authorize or permit any violation or failure to comply with any applicable law, that neither the city of Los Angeles nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein or the condition of the property or soil upon which such work is performed. (See Sec. 91.0202 LAMC)

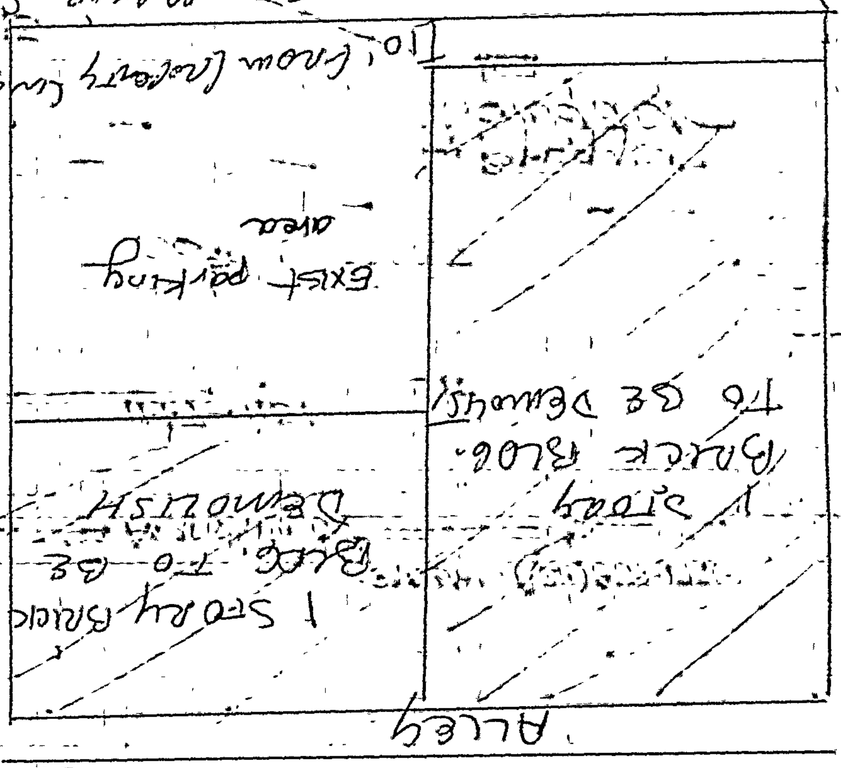
Signed Juan Carlos Argueta (Owner or agent having property owner's consent) Contractor Pres. (Position) 6-4-86 (Date)

11700 0185

NOTES: 1. There are no compliance orders from Earthquake Safety Division to comply with Division 88 of the L.A. Building Code. Therefore, this building does not have non-conforming rights per ord. # 157,899.

2. This permit is being issued after demolition has begun per job order # K 50556 dated 4/8/86

3. Sheet use permit for protective fence w/ canopy # 62936 dated 6.4.86



THE COMMUNITY REDEVELOPMENT AGENCY
OF THE CITY OF LOS ANGELES CALIFORNIA

THESE PLANS ARE APPROVED AS BEING IN COMPLIANCE WITH APPLICABLE REDEVELOPMENT PLANS.

PROJECT CBD PARCEL

BY [signature] DATE 6/4/86

TITLE Redevelopment Agency

G APPLICATION FOR INSPECTION | CITY OF LOS ANGELES DEPT. OF BUILDING AND SAFETY | 1-2003008 | OF GRADING AND FOR GRADING CERTIFICATE

INSTRUCTIONS: 1. Applicant to Complete Numbered Items Only. 2. Plot Plan Required on Back of Original.

1. LEGAL DESCR.	LOT 37	BLK.	TRACT 2289	COUNCIL DIST. NO.	DIST. MAP 126-209
					CENSUS TRACT 2079
2. PURPOSE OF GRADING	#68 Stores REMOVE & RECOMPACT				ZONE M2-4-0(2)
3. JOB ADDRESS	1147 S. Main Street				FIRE DIST. ONE
4. BETWEEN CROSS STREETS	11th Street AND 12th Street				LOT (TYPE) INT
5. OWNER'S NAME	Mr Israel Felt			PHONE	LOT SIZE 50 x 116
6. OWNER'S ADDRESS	1325 S. Olive Ave.	CITY LA		ZIP	
7. PLANS BY CIVIL ENGR.	Boris Gulkarov	BUS. LIC. NO. RCE 36512	ACTIVE STATE LIC. NO.	PHONE	ALLEY 12' rear
8. CIVIL ENGR. ADDRESS		CITY		ZIP	BLDG. LINE
9. ENGR. GEOLOGIST		BUS. LIC. NO.	ACTIVE STATE LIC. NO./CERT. NO.	PHONE	AFFIDAVITS DTPD ~~LOT TIE~~ ZI940 KBT
10. SOIL ENGR.—TESTING AGENCY	Kovacs-Byer	BUS. LIC. NO.	ACTIVE STATE LIC. NO. (213)877-2757	PHONE	
11. CONTRACTOR	Blondy Development	BUS. LIC. NO. 463682	(818)995-0363	PHONE	
12. CONTRACTOR'S ADDRESS	16456 Royal Hills Drive	CITY Encino		ZIP	SEISMIC STUDY ZONE
G 13. JOB ADDRESS	1147 S. Main Street			STREET GUIDE	DIST. OFFICE LA
14. NUMBER OF CUBIC YARDS	CUT 251	FILL 251			GRADING / FLOOD
15. MAXIMUM SLOPE	CUT / FILL	RETAINING WALL REQUIRED YES / NO XXX		BOARD FILE NO.	HWY. DED. / CONS.
FILL DENSITY TESTS & CERTIFICATION	☒ 90% REQUIRED ☐ NOT REQUIRED				ZONED BY C. LEE
				IMPORT/EXPORT REQ.	FILE WITH 86LA38908
CALIF. ENVIRONMENTAL QUALITY ACT REQUIREMENTS	EXEMPT YES	COMPLETED		YARDAGE APPROVED	TYPIST SV
				PLANS CHECKED	G.P.I. INSPECTOR
BOND	AMOUNT N/A			APPLICATION APPROVED Bob Blondy	INSPECTOR
☐ CASH ☐ SURETY	DATE POSTED				
	CA #				

P.C. 50 To	G.P.I. —	Claims for refund of fees paid on permits may be filed: 1. Within one year from date of payment of fee; or 2. Within one year from date of expiration of extension for building or grading permits granted by the Dept. of B. & S. SECTIONS 22.12 & 22.13 LAMC	
S.P.C.	I.F.		
G.P. 78 00	O.S.S. 2 51		
DIST. OFFICE LA	S.O.S.S.		
P.C. NO.			

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID. PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED.

B & S B-100 (R 2.83)

CASHIER'S USE ONLY

C	2.57 OSS
C	60.70 GRAD
C	78.00 GRSP
	42.90 DPRT
D3402	2 07/24/86 131.27 CHTD

DECLARATIONS AND CERTIFICATIONS

LICENSED CONTRACTORS DECLARATION

16. I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Date 7-24-86 Lic. Class B-1 Lic. No. 463682 Contractor Israel Dreier (Signature)

OWNER-BUILDER DECLARATION

17. I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner's Signature _____

WORKERS' COMPENSATION DECLARATION

18. I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. P 78022 Insurance Company FAIRMONT

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Los Angeles City Dept. of Bldg. & Safety.

Date 7-24-86 Applicant's Signature Israel Dreier

Applicants Mailing Address _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

19. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant's Signature _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

20. I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (See Sec. 91.0202 LAMC)

Lender's Name _____ Lender's Address _____

21. I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

I realize that this permit is an application for inspection, that it does not approve or authorize the work specified herein, that it does not authorize or permit any violation or failure to comply with any applicable law, that neither the City of Los Angeles nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein or the condition of the property or soil upon which such work is performed. (See Sec. 91.0202 LAMC)

Signed Israel Dreier (Owner or agent having property owner's consent) — Position G.C. — Date 7-24-86

22. I certify that all of the land included in the Tentative Tract Map is under my ownership or land on which offsite rights have been granted.

Signed Israel Dreier (Owner or agent having property owner's consent) — Position G.C. — Date 7-24-86

1 2 2 0 0 3 0 0 0 8 7

Mead Driver 7-24-64

122103000068

Kovacs-Byer and Associates Inc.

CONSULTING ENGINEERS and GEOLOGISTS

BY HB DATE

CHECKED BY DATE

SUBJECT PLOT PLAN

TUCON

KB 9811-S



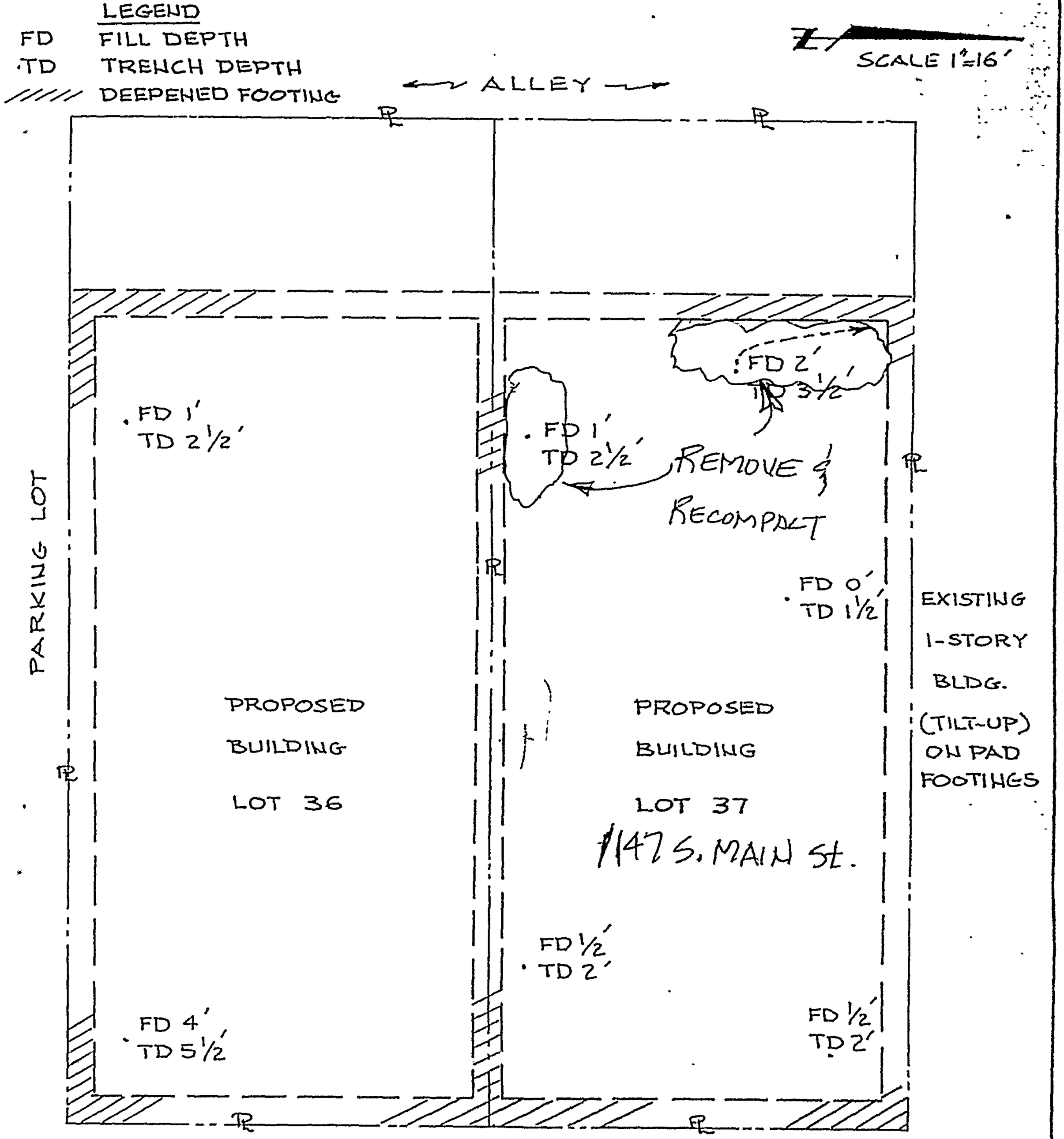
LEGEND

FD FILL DEPTH

TD TRENCH DEPTH

//// DEEPENED FOOTING

SCALE 1"=16'



REF: FIELD SKETCH

3 APPLICATION FOR INSPECTION

CITY OF LOS ANGELES DEPT. OF BUILDING AND SAFETY

TO ADD-ALTER-REPAIR-DEMOLISH AND/OR FOR CERTIFICATE OF OCCUPANCY

INSTRUCTIONS: 1. Applicant to Complete Numbered Items Only.

1. LEGAL DESCR.	LOT: 37,36	BLOCK:	TRACT: 2289	COUNCIL DISTRICT NO.: 9	DIST. MAP: 126-209
					CENSUS TRACT: 2079
2. PRESENT USE OF BUILDING: (16 Stores	NEW USE OF BUILDING: ( ) Same				ZONE: M2-4-0 (2)
3. JOB ADDRESS: 1151 S. MAIN ST.					FIRE DIST.: 1
4. BETWEEN CROSS STREETS: 11th St.	AND: 12th St.				LOT TYPE: Int
5. OWNER'S NAME: Mr. Israel Feit			PHONE		LOT SIZE: 100.12x116
6. OWNER'S ADDRESS: 1151 S. Main St.	CITY		ZIP		
7. ENGINEER	BUS. LIC. NO.	ACTIVE STATE LIC. NO	PHONE		ALLEY: 12
8. ARCHITECT OR DESIGNER	BUS. LIC. NO.	ACTIVE STATE LIC. NO.	PHONE		BLDG. LINE: -
9. ARCHITECT OR ENGINEER'S ADDRESS	CITY		ZIP		AFFIDAVITS: DTPD ZI 940 Lot Tie
10. CONTRACTOR: Blondy Development	BUS. LIC. NO.	ACTIVE STATE LIC. NO	PHONE		
11. SIZE OF EXISTING BLDG. WIDTH 50 LENGTH 96	STORIES 1	HEIGHT	NO. OF EXISTING BUILDINGS ON LOT AND USE		P.C. REQ'D: No (a)
12. CONST. MATERIAL OF EXISTING BLDG. ⇒	EXT. WALLS	ROOF	FLOOR		
13. JOB ADDRESS: 1151 S. Main St.			STREET GUIDE		DISTRICT OFFICE: VLA
14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING	$ 10,000.-				SEISMIC STUDY ZONE: -
15. NEW WORK (Describe): MEZZANIN ADD. 32X50					GRADING: - FLOOD: -
					HWY. DED.: yes CONS.: -
NEW USE OF BUILDING	SIZE OF ADDITION	STORIES	HEIGHT		ZONED BY: C. Lee
TYPE V	GROUP OCC. B	FLOOR AREA	PLANS CHECKED		FILE WITH: 38909
DWELL UNITS	MAX OCC.	TOTAL	APPLICATION APPROVED		TYPIST: cn
GUEST ROOMS	PARKING REQ'D	PARKING PROVIDED STD. COMP.	INSPECTION ACTIVITY COMP. GEN. MALS CONS E.Q.		INSPECTOR

P.C. 62.90	G.P.I.	CONT INSP	
S.P.C.	P.M.		
B.P. 74.00	E.I. 0.70	Claims for refund of fees paid on permits must be filed 1 Within one year from date of payment of fee, or 2. Within one year from date of expiration of extension for building or grading permits granted by the Dept. of B. & S. SECTIONS 22.12 & 22.13 LAMC.	
I.F.	F.H.		
O/S	O.S.S. 2.75		
DIST. OFFICE	S.O.S.S.	SPRINKLERS REQ'D SPEC.	
P.C. NO.	C/O	ENERGY	

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED.

CASHIER'S USE ONLY

B & S B-3 (R 5.85)

C .70 E.I.
C 2.75 OSS
C 62.90 B-PC
C 74.00 BP-R

504.00 DOA
H7461 2 11/12/86 $40.35 CHTD

DECLARATIONS AND CERTIFICATIONS

LICENSED CONTRACTORS DECLARATION

16. I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Date 11-6 Lic. Class B-1 Lic. Number 488028 Contractor Blondy Development (Signature)

OWNER-BUILDER DECLARATION

17. I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner's Signature _____

WORKERS' COMPENSATION DECLARATION

18. I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP28022 Insurance Company FAIRMONT INS.

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Los Angeles City Dept. of Bldg. & Safety.

Date 11-6-86 Applicant's Signature Blondy Development

Applicant's Mailing Address _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

19. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant's Signature _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

20. I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____ Lender's Address _____

21. I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

I realize that this permit is an application for inspection, that it does not approve or authorize the work specified herein, that it does not authorize or permit any violation or failure to comply with any applicable law, that neither the city of Los Angeles nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein or the condition of the property or soil upon which such work is performed. (See Sec. 91.0202 LAMC)

Signed Blondy Development (Owner or agent having property owner's consent) C. C. Position 11-6-86 Date

Tworek 2-7-86

No dedication required
Improvement to be determined.

<126-209c>

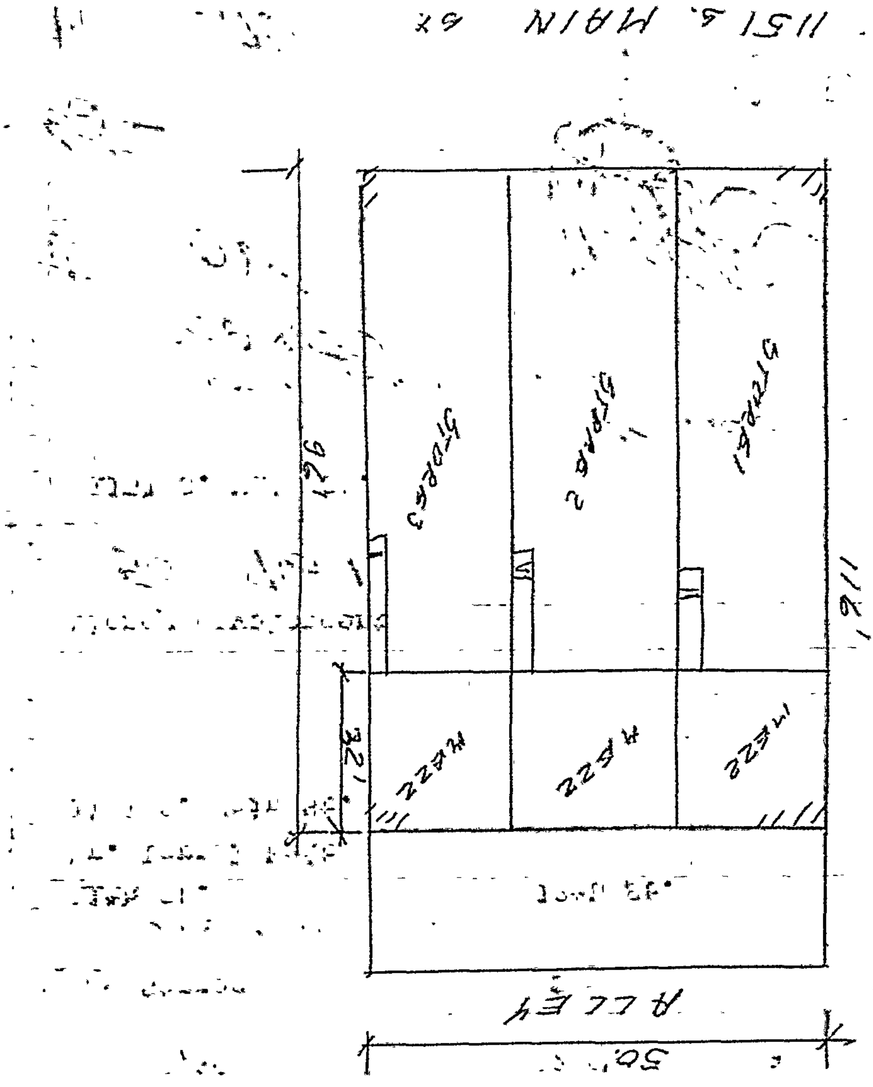
V Harwood 11/6/86

Adolfo 11/6/86

<8651-1579

388.10

Gm Mabbitt 11/6/86



1320040048

3 APPLICATION FOR INSPECTION

CITY OF LOS ANGELES DEPT OF BUILDING AND SAFETY

1 3 2 0 0 4 0 0 4 8 6

TO ADD-ALTER-REPAIR-DEMOLISH AND FOR CERTIFICATE OF OCCUPANCY

INSTRUCTIONS: 1. Applicant to Complete Numbered Items Only.

1. LEGAL DESCR.	LOT: 37,36	BLOCK:	TRACT: 2289	COUNCIL DISTRICT NO: 9	DIST. MAP: 126-209
					CENSUS TRACT: 2079
2. PRESENT USE OF BUILDING: (X) Stores	NEW USE OF BUILDING: ( ) Same				ZONE: M2-4-0 (2)
3. JOB ADDRESS: 1147 S. Main St.					FIRE DIST.: I
4. BETWEEEN CROSS STREETS: 11th St.	AND: 12th St.				LOT TYPE: Int
5. OWNER'S NAME: Mr. Israel Feit			PHONE		LOT SIZE: 100.12x116
6. OWNER'S ADDRESS: 1325 S. Olive Ave.	CITY: LA		ZIP		
7. ENGINEER: Boris Gulkarov	BUS. LIC. NO.: RCE 36512	ACTIVE STATE LIC. NO.	PHONE		ALLEY: 12
8. ARCHITECT OR DESIGNER	BUS. LIC. NO.	ACTIVE STATE LIC. NO	PHONE		BLDG. LINE
9. ARCHITECT OR ENGINEER'S ADDRESS	CITY	ZIP			AFFIDAVITS: DTPD Lot Tie ZI 940
10. CONTRACTOR: Glondy Development	BUS. LIC. NO.	ACTIVE STATE LIC. NO.	PHONE		
11. SIZE OF EXISTING BLDG. WIDTH 96 LENGTH 50	STORIES: 1	HEIGHT	NO OF EXISTING BUILDINGS ON LOT AND USE		P.C. REQ'D: No (a)
12. CONST. MATERIAL OF EXISTING BLDG.	EXT. WALLS	ROOF	FLOOR		
13. JOB ADDRESS: 1147 S. Main St.			STREET GUIDE		DISTRICT OFFICE: LA
14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING	$ 10,000.-				SEISMIC STUDY ZONE
15. NEW WORK (Describe): Mezzanine Added. 32X50'					GRADING / FLOOD:
					HWY. DED.: yes / CONS.
NEW USE OF BUILDING	SIZE OF ADDITION	STORIES	HEIGHT		ZONED BY: C. Lee
TYPE: IV	GROUP OCC.: R2	FLOOR AREA	PLANS CHECKED: [illegible]		FILE WITH: 86 38908
DWELL. UNITS	MAX OCC.	TOTAL	APPLICATION APPROVED: [illegible]		TYPIST: cn
GUEST ROOMS	PARKING REQ'D	PARKING PROVIDED STD. COMP.	INSPECTION ACTIVITY COMB GEN. MAS. CONS. EQ.		INSPECTOR

P.C. 6290	G.P.I.	CONT. INSP	B & S B-3 (R 5.85)
S.P.C.	P.M.		
B.P. 74	E. 0.70	Claims for refund of fees paid on permits must be filed: 1. Within one year from date of payment of fee; or 2. Within one year from date of expiration of extension for building or grading permits granted by the Dept. of B. & S. SECTIONS 22.12 & 22.13 LAMC	
I.F.	F.H.		
O/S	O.S.S. 2.75		
DIST. OFFICE	S.O.S.S	SPRINKLERS REQ'D SPEC.	
P.C. NO.	C/O	ENERGY	

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID. PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED.

CASHIER'S USE ONLY

C .70 E.I.
C 2.75 OSS
C 62.90 B-PC
C 74.00 BP-R

6040 0004
H7462 2 11/12/86 140.35 CHTD

DECLARATIONS AND CERTIFICATIONS

LICENSED CONTRACTORS DECLARATION

16. I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Date 11-6 Lic. Class B-1 Lic. Number 467028 Contractor [signature] (Signature)

OWNER-BUILDER DECLARATION

17. I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner's Signature _____

WORKERS' COMPENSATION DECLARATION

18. I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 26022 Insurance Company FAIRMONT INS.

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Los Angeles City Dept. of Bldg. & Safety.

Date 11-6-86 Applicant's Signature [signature]

Applicant's Mailing Address _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

19. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant's Signature _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

20. I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

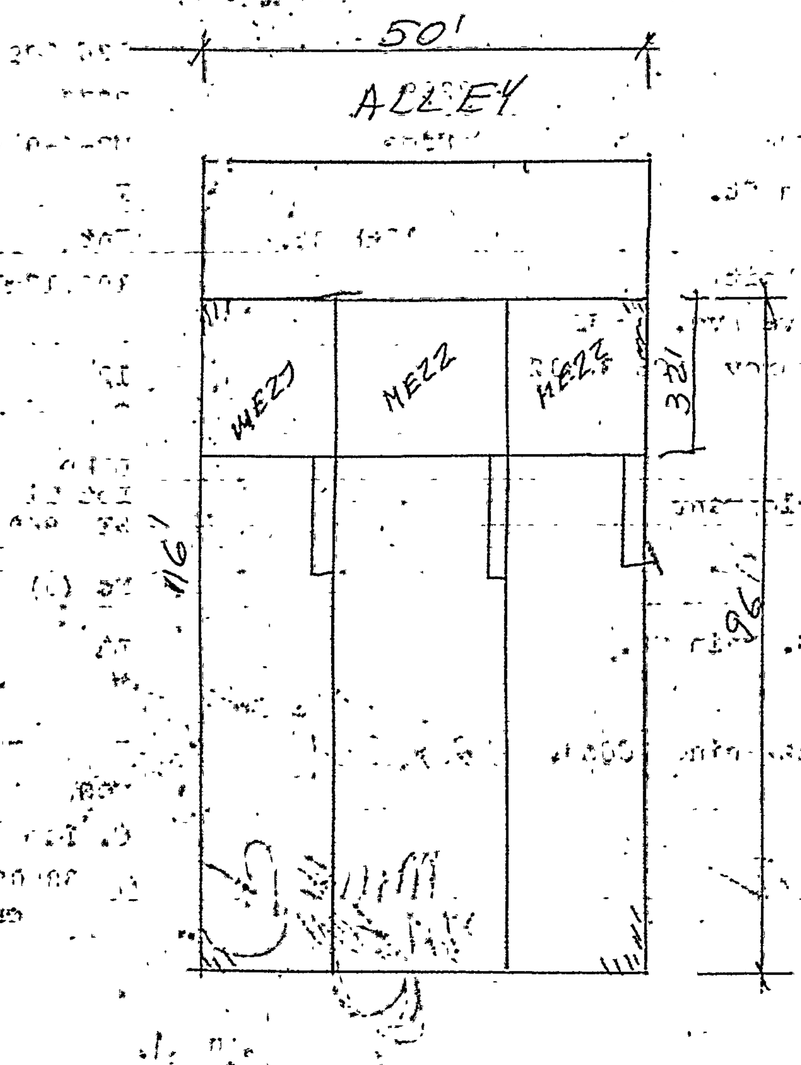
Lender's Name _____ Lender's Address _____

21. I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

I realize that this permit is an application for inspection, that it does not approve or authorize the work specified herein, that it does not authorize or permit any violation or failure to comply with any applicable law, that neither the city of Los Angeles nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein or the condition of the property or soil upon which such work is performed. (See Sec. 91.0202 LAMC)

Signed [signature] (Owner or agent having property owner's consent) | Position: G C | Date: 11-6-86

1320040048 7



Twoirek 2-7-86

No detectable improvements
Needs determined.

X

Johnson 11/6/86

Bolho 11/6/86

(861) 1578

388 1st

126-209 c>

Johnson 11-6-86

1 APPLICATION FOR INSPECTION

CITY OF LOS ANGELES DEPT. OF BUILDING AND SAFETY

1 3 0 0 - 0 4 3 4

OF NEW BUILDING AND FOR CERTIFICATE OF OCCUPANCY

INSTRUCTIONS: 1. Applicant to Complete Numbered Items Only. 2. Plot Plan Required on Back of Original.

1. LEGAL DESCR.	LOT: 37	BLOCK:	TRACT: 2289	COUNCIL DISTRICT NO.	DIST. MAP: 126-209
					CENSUS TRACT: 2079
2. PURPOSE OF BUILDING: (16 Stores (RETAIL)					ZONE: M2-4-0(2)
3. JOB ADDRESS: 1147 S. Main St.					FIRE DIST.: one
4. BETWEEN CROSS STREETS: 11th st AND 12th St.					LOT TYPE: int
5. OWNER'S NAME: Mr. Israel Feit			PHONE		LOT SIZE: 50 X 116.52 50.11 115.61
6. OWNER'S ADDRESS: 1325 S. Olive St.	CITY: LA		ZIP		
7. ENGINEER: Boris Gulkarov	BUS. LIC. NO.: RCE 36512	ACTIVE STATE LIC. NO.	PHONE		ALLEY: 12' REAR
8. ARCHITECT OR DESIGNER	BUS. LIC. NO.	ACTIVE STATE LIC. NO.	PHONE		BLDG. LINE
9. ARCHITECT OR ENGINEER'S ADDRESS	CITY		ZIP		AFFIDAVITS: OTPD
10. CONTRACTOR: Blondy Development	BUS. LIC. NO.: 463682	ACTIVE STATE LIC. NO.: 818 995-0363	PHONE		Cat tie
11. SIZE OF NEW BLDG. WIDTH 50 LENGTH 96	STORIES: 1	HEIGHT: 16	NO. OF EXISTING BUILDINGS ON LOT AND USE: 1 Retail		ZI940
12. MATERIAL OF CONSTRUCTION →	EXT. WALLS: blk	ROOF: wood	FLOOR		P.C. REQ'D: cons
13. JOB ADDRESS: 1147 S. Main St.			STREET GUIDE		DISTRICT OFFICE: LA
14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING: 1 o 2 TV=400,000			$ 400,000PC 288,000		SEISMIC STUDY ZONE
					GRADING: — FLOOD: —
					HWY. DED.: — CONS.: —
PURPOSE OF BUILDING: (16) RETAIL SALES			STORIES: 1	HEIGHT: 16	ZONED BY: C. Lee
TYPE: III-N	GROUP OCC.: B-2	FLOOR AREA: 4800	PLANS CHECKED: R King		FILE WITH
DWELL. UNITS: —	MAX. OCC.: 160	TOTAL	APPLICATION APPROVED: Ramlal Li		TYPIST: ts
GUEST ROOMS	PARKING REQ'D.	PARKING PROVIDED STD. — COMP.	INSPECTION ACTIVITY: COMB. / GEN. / MAJ. S. / CONS.		INSPECTOR

P.C. 1125.74	G.P.I. —	CONT INSP. LIC TAG HEIGHT WELD	
S.P.C. —	P.M. 15.49		
B.P. 774.40	E.I. 14.00	Claims for refund of fees paid on permits must be filed: 1. Within one year from date of payment of fee; or 2. Within one year from date of expiration of extension for building or grading permits granted by the Dept. of B. & S. SECTIONS 22.12 & 22.13 LAMC	
I.F. —	O.S.S. 22.51		
C/S ✓	SO.S.S. 24.88		
DIST. OFFICE LA	C/O —	SPRINKLERS YES	
P.C. NO.	F.H. 440.00	ENERGY YES	

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID. PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED.

CASHIER'S USE ONLY

B&S B-1 (R6.85)

C 1125.74 B-PC
C 22.51 OSS
D8087 1 03/13786 1148.25 CHTD
C 16.00 PMX
C 14.00 EQIS
C 24.88 OSS
C 440.00 FHMS
C 774.00 BM-N
C 389.00 BMF
J6805 2 0 1268.77 CHTD

DECLARATIONS AND CERTIFICATIONS

LICENSED CONTRACTORS DECLARATION

15. I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Date 6-9-86 Lic. Class B-1 Lic. No. 463682 Contractor's Signature Marat Drian

Contractor's Mailing Address

OWNER-BUILDER DECLARATION

16. I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner's Signature _____

WORKERS' COMPENSATION DECLARATION

17. I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. F3785 Insurance Company FAIRMONT

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Los Angeles City Dept. of Bldg. & Safety.

Date 6-9-86 Applicant's Signature Marat Drian

Applicant's Mailing Address

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

18. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant's Signature _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

19. I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

20. I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

I realize that this permit is an application for inspection, that it does not approve or authorize the work specified herein, that it does not authorize or permit any violation or failure to comply with any applicable law, that neither the city of Los Angeles nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein or the condition of the property or soil upon which such work is performed. (See Sec. 91.0202 LAMC)

Signed Marat Drian (Owner or agent having property owner's consent) — Position — Date 6-9-86

1 1 3 0 0 3 0 4 3 5

No dedication req'd.

Improvements to be deferred (26209e)

4800 sf commercial @ 143.75/1000 sf

M. Clarkson 3/12/86

Signature 5/13/86

Granted 5/13/86

690.00

Butcher 5/13/86

THE COMMUNITY REDEVELOPMENT AGENCY
OF THE CITY OF LOS ANGELES, CALIFORNIA

THESE PLANS ARE APPROVED AS BEING IN COMPLIANCE WITH APPLICABLE REDEVELOPMENT PLANS.

PROJECT CBD PARCEL

BY

TITLE Civil Engineer DATE 5/30/86

50.06

LOT LINE

ZONE

50'-0"

115'-2"

96'-0"

115'-2"

TYPE III 1 STORY 4406 sq.ft.

50.11

MAIN ST.

Address of Building 1147 S. Main St. 2 5 0 1 1 0 0 1 8 5

CITY OF LOS ANGELES
CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Law—for following occupancies:

Issued 7/23/87 Permit No. and Year LA38908/86 & LA50401/86

One story, type-III-N, 50'x96', Retail Stores,
No required parking, (Central City),
MX/ZI940/B2 occupancy
Subject to any other Affidavits or Building and Zoning Code Modifications.

Owner Mr. Israel Feit

Owner's Address 1325 S. Olive St.
L.A. Ca.

5000630200500004056

R. Lane

BY R. Lane/bm

Form B-95b

Address of Building 1151 S. Main St. 0 1 0 0 1 8 6

CITY OF LOS ANGELES
CERTIFICATE OF OCCUPANCY

Note: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained or made known to the undersigned, the vacant land, building or portion of a building described below and located at the above address complies with the applicable construction requirements (Chapter 9) and/or the applicable zoning requirements (Chapter 1) of the Los Angeles Municipal Code for the use, or occupancy group in which it is classified *

Issued 7/24/87 Permit No. and Year LA36909/86 & LA50400/86

One story, type-IIIN, 50'x96', Retail Stores,
No required parking(Central City).
ZI 940. B2 occupancy.

* ALSO SUBJECT TO ANY AFFIDAVITS OR BUILDING AND ZONING CODE MODIFICATIONS WHEATHER LISTED ABOVE OR NOT.

Owner

Owner's Address
Mr. Israel Feit
1325 S. Olive St.
L.A. Ca.

B & S B-95a (R 5/86) 5000630200500004051

BY R. Lane/bm

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

1147-1151 S Main
1147-1151 S Main Street
LOS ANGELES, CA 90015

Inquiry Number: 5471372.2s
October 31, 2018

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1147-1151 S MAIN STREET
LOS ANGELES, CA 90015

COORDINATES

Latitude (North):	34.0382900 - 34° 2' 17.84''
Longitude (West):	118.2592120 - 118° 15' 33.16''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	383760.6
UTM Y (Meters):	3766922.0
Elevation:	241 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012
East Map:	5630795 LOS ANGELES, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1147-1151 S MAIN STREET
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MOORE PFEIF	1151 S MAIN ST	EDR Hist Auto		TP
A2	GUARANTEED AUTO SERV	1156 S MAIN ST	EDR Hist Auto	Higher	83, 0.016, East
A3	CROWN LAUNDRY CO	1191/2 S MAIN ST	EDR Hist Cleaner	Lower	87, 0.016, South
A4	WITTENBERG DAVID	1135 N MAINE AVE	EDR Hist Auto	Higher	108, 0.020, ENE
A5	STATION #23	1131 S MAIN	EDR Hist Auto	Higher	144, 0.027, NE
A6	RYDER TRUCK RENTAL	100 W 12TH ST	HIST UST	Lower	167, 0.032, South
A7	CITY OF LA - PW - PU	1149 S BROADWAY ST	UST	Higher	192, 0.036, NW
A8	ANACOMP INC	1149 S BROADWAY ST	RCRA NonGen / NLR, FINDS, ECHO, HAZNET	Higher	192, 0.036, NW
A9	MFS INTELENET	1149 S BROADWAY	UST	Higher	192, 0.036, NW
B10	ASSELIN ANDRE	1201 S BROADWAY	EDR Hist Auto	Higher	240, 0.045, West
C11	FC BROADWAY AND HILL	1201 S MAIN ST	SWEEPS UST, CA FID UST, HAZNET	Lower	276, 0.052, SSW
C12	LOS ANGELES HERALD E	1201 S MAIN ST # 19	HIST UST	Lower	276, 0.052, SSW
C13	LOS ANGELES HERALD E	1201-19 S MAIN STREE	HIST UST	Lower	276, 0.052, SSW
D14	NATIONAL CLEANERS IN	1114 S MAIN ST	EDR Hist Cleaner	Higher	278, 0.053, ENE
B15	FC BROADWAY AND HILL	1201 S MAIN STREET	ENVIROSTOR, VCP	Lower	287, 0.054, SW
E16	HERALD EXAMINER BUIL	1111 S BROADWAY	RCRA-LQG, FINDS, ECHO	Higher	331, 0.063, NNW
E17	BONE DEEP - HERRALD	1111 S BROADWAY	RCRA NonGen / NLR	Higher	331, 0.063, NNW
E18	LOS ANGELES HERALD E	1111 S BROADWAY	SWEEPS UST, CA FID UST	Higher	331, 0.063, NNW
E19	LOS ANGELES HERALD E	1111 S BROADWAY	HIST UST	Higher	331, 0.063, NNW
C20	HALL E V	1215 S MAIN ST	EDR Hist Auto	Lower	368, 0.070, SSW
F21	WESTERN AUTO WORKS	1141 S LOS ANGELES S	EDR Hist Auto	Lower	380, 0.072, SE
C22	BOHNSTEDT H J	1220 S MAIN ST	EDR Hist Auto	Lower	391, 0.074, SSW
F23	RUBINA	1133 S LOS ANGELES S	EDR Hist Cleaner	Lower	393, 0.074, ESE
F24	HAGGERTY W P	118 E 12TH ST	EDR Hist Auto	Lower	395, 0.075, SSE
G25	FARRER M P	111 W 11TH ST	EDR Hist Cleaner	Higher	417, 0.079, NE
C26	KIM PYUNG KIL	1223 S MAIN ST	EDR Hist Cleaner	Lower	419, 0.079, SSW
D27	SUPER CLEANERS	1115 S LA CLENEGA	RCRA-SQG, FINDS, ECHO	Lower	427, 0.081, East
D28	SCHLOSSBERG MORRIS	1109 S LOS ANGELES S	EDR Hist Auto	Lower	428, 0.081, East
E29	FC BROADWAY AND HILL	1108 S HILL STREET	ENVIROSTOR, VCP, HAZNET	Higher	434, 0.082, NNW
D30	WONG CHUNG	1111/2 S LOS ANGELES	EDR Hist Cleaner	Lower	437, 0.083, East
E31	A AND B AUTO BODY WO	1101 S BROADWAY	RCRA-SQG, FINDS, ECHO	Higher	441, 0.084, North
F32	SINCLAIR WILLARD	1201 S LOS ANGELES S	EDR Hist Auto	Lower	449, 0.085, SSE
33	BELL H R	1207 S LA ALAMEDA	EDR Hist Auto	Lower	488, 0.092, SSE
F34	BORKENSTEIN SOL	1144 S LOS ANGELES S	EDR Hist Auto	Lower	493, 0.093, SE
E35	HOWIE A S	1102 S HILL ST	EDR Hist Auto	Higher	498, 0.094, NNW
F36	FISH F J	1156 S LOS ANGELES S	EDR Hist Auto	Lower	501, 0.095, SE
F37	COHEN IRVING	1142 S LOS ANGELES S	EDR Hist Auto	Lower	509, 0.096, SE
F38	WESTERN MOTOR SERVIC	1136 S LOS ANGELES S	EDR Hist Auto	Lower	509, 0.096, SE
E39	ROLDAN ALF	1091/2 S BROADWAY	EDR Hist Cleaner	Higher	509, 0.096, North

MAPPED SITES SUMMARY

Target Property Address:
1147-1151 S MAIN STREET
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	DAVIS EPHRAIM	1063 S BROADWAY	EDR Hist Cleaner	Higher	536, 0.102, North
H41	ASHENFELTER F D	1108 N LOS ANGELES	EDR Hist Auto	Lower	548, 0.104, East
I42	PETERSON G A	115 W PICO BLVD	EDR Hist Cleaner	Lower	555, 0.105, SW
J43	FOWLER L D	1129 S HILL ST	EDR Hist Auto	Higher	559, 0.106, NW
J44	KELLEY BROS	1127 S HILL ST	EDR Hist Auto	Higher	576, 0.109, NW
K45	TRANSAMERICA REALTY	150 W 12TH ST	SWEEPS UST, CA FID UST	Higher	580, 0.110, WNW
E46	ASSOCIATED PRESS	1111 S HILL ST	RCRA-SQG, FINDS, ECHO	Higher	586, 0.111, NNW
H47	BECKER CHESROWN	1100 S LOS ANGELES S	EDR Hist Auto	Lower	592, 0.112, East
K48	SKLAR ISEDORE	159 W 12TH ST	EDR Hist Cleaner	Higher	594, 0.112, WNW
K49	MORWAY STEPH	217 W 12TH ST	EDR Hist Auto	Higher	595, 0.113, WNW
H50	GIBSON T M	100 S LOS ANGELES ST	EDR Hist Auto	Lower	600, 0.114, East
K51	EKLUND FRANK	1216 S HILL ST	EDR Hist Auto	Higher	601, 0.114, West
K52	SIMONIN RENE	1207 S HILL ST	EDR Hist Auto	Higher	615, 0.116, West
H53	KELLEY BROS	1041 S LOS ANGELES S	EDR Hist Auto	Higher	628, 0.119, ENE
I54	DUNCAN ZACHARY	118 W PICO BLVD	EDR Hist Auto	Lower	630, 0.119, SW
I55	CALIFORNIA CYLINDER	114 W PICO BLVD	EDR Hist Auto	Lower	652, 0.123, SW
I56	POPHAM H H	147 W PICO BLVD	EDR Hist Auto	Lower	653, 0.124, WSW
L57	PHELEN FRANK	1050 S HILL ST	EDR Hist Auto	Higher	653, 0.124, North
M58	TRANSAMERICA OCCIDEN	150 W PICO BLVD	SWEEPS UST, CA FID UST	Lower	694, 0.131, WSW
J59	TRANSAMERICA CORP.	1149 S HILL ST	UST	Higher	716, 0.136, WNW
J60	OCCUPANT	1149 S HILL ST	SWEEPS UST, CA FID UST, WIP	Higher	716, 0.136, WNW
I61	STANDARD BRANDS PAIN	124 W PICO BLVD	SWEEPS UST, CA FID UST	Lower	735, 0.139, SW
I62	STANDARD BRANDS PAIN	124 W PICO BLVD	HIST UST	Lower	735, 0.139, SW
H63	M KRADIN INC	224 E 11TH ST	RCRA-SQG, FINDS, ECHO	Lower	785, 0.149, ESE
N64	TRANSAMERICA OCCIDEN	1150 S OLIVE ST	UST	Higher	869, 0.165, NW
N65	TRANSAMERICA OCCIDEN	1150 S OLIVE ST	SWEEPS UST, CA FID UST, EMI	Higher	869, 0.165, NW
M66	NASCO PETROLEUM LLC	1325 S BROADWAY	RCRA-SQG, FINDS, ECHO	Lower	879, 0.166, SW
M67		1325 S BROADWAY	AST	Lower	879, 0.166, SW
M68	NASCO PETROLUEM, LLC	1325 S BROADWAY	AST	Lower	879, 0.166, SW
L69	MARK GABAY	1022 S HILL ST	SWEEPS UST, CA FID UST	Higher	914, 0.173, North
O70	DISTRIBUTING STATION	1027 SANTEE STREET	RCRA-LQG	Lower	963, 0.182, East
O71	DISTRIBUTING STATION	1027 SANTEE ST	AST	Lower	963, 0.182, East
N72	TRANSAMERICA CENTER/	1133 S OLIVE ST	UST	Higher	969, 0.184, NW
N73	SERVICE STATION 2686	1133 S OLIVE ST	HIST UST	Higher	969, 0.184, NW
N74	TRANSAMERICA OCCIDEN	1133 S OLIVE ST	SWEEPS UST, HIST UST, CA FID UST	Higher	969, 0.184, NW
P75	GRAVITY ACTIVEWEAR I	1333 S MAIN	RCRA-SQG, FINDS, ECHO	Lower	985, 0.187, SSW
P76		1350 S BROADWAY	AST	Lower	1077, 0.204, SW
77	GORDON H JACK INC	1330 SO LOS ANGELES	RCRA NonGen / NLR, FINDS, ECHO	Lower	1142, 0.216, South
78	BECK DAVE & CO INC	1360 S BROADWAY	RCRA-SQG, FINDS, ECHO	Lower	1204, 0.228, SW

MAPPED SITES SUMMARY

Target Property Address:
1147-1151 S MAIN STREET
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q79	CR AND A CUSTOM INC	312 W PICO BLVD	RCRA-SQG, HAZNET	Lower	1232, 0.233, West
Q80	THE FEIT CO	1325 S OLIVE ST	AST	Lower	1279, 0.242, West
81	GOODYEAR SERVICE CEN	940 S HILL ST	HIST UST	Higher	1282, 0.243, NNE
82	LA DEPARTMENT WATER	1324 S WALL ST	LUST, FINDS	Lower	1705, 0.323, SSE
83	SHELL SERVICE STATIO	504 OLYMPIC BLVD. W.	LUST	Higher	1714, 0.325, NNW
R84	CAL ST, GEN SERV DEP	1525 S BROADWAY	LUST, EMI	Lower	1794, 0.340, SW
85	CITY OF LOS ANGELES	1450 GRAND	CPS-SLIC	Lower	1998, 0.378, WSW
86	PROPERTY UNDER CONST	1050-1070 FLOWER ST.	LUST	Higher	2033, 0.385, NW
R87	MOBIL #11-H3K	1600 HILL ST S	LUST	Lower	2060, 0.390, SW
88	ARCO #5033	1151 S FLOWER ST	LUST	Higher	2181, 0.413, NW
89	G & P RECYCLING CENT	110 E 17TH ST	SWRCY	Lower	2246, 0.425, SSW
90	LAUSD - SAFETY SECTI	1425 S SAN PEDRO ST	LUST	Lower	2362, 0.447, SE
91	UNOCAL #3300	730 OLYMPIC BLVD W	LUST, EMI, HIST CORTESE	Higher	2607, 0.494, NNW
92	LAUSD MASTER AGREEME	1449 SOUTH SAN PEDRO	ENVIROSTOR, SCH	Lower	2886, 0.547, SSE
93	UNITED BUILDING ASSO	707 S BROADWAY #411	ENVIROSTOR	Higher	2889, 0.547, NE
94	JOHNSON BRONZE COMPA	1818 S. GRAND AVENUE	ENVIROSTOR	Lower	2898, 0.549, WSW
S95	JEWELRY DESIGN CENTE	404 W. 7TH STREET #2	ENVIROSTOR	Higher	3030, 0.574, NNE
96	1910-1918 S. LOS ANG	200-224 E. WASHINGTO	ENVIROSTOR, VCP	Lower	3122, 0.591, SSW
S97	LOS ANGELES UNITED I	650 S. HILL STREET #	ENVIROSTOR	Higher	3248, 0.615, NNE
T98	ATLAS PRECIOUS METAL	640 S HILL ST	Financial Assurance, HAZNET, ICE, HWP	Higher	3273, 0.620, NNE
T99	M & M HOLDING, LLC	629 S. HILL STREET #	ENVIROSTOR	Higher	3421, 0.648, NNE
100	ROYAL PLATING CO	787 E 15TH ST	RCRA-SQG, ENVIROSTOR, UST, VCP, SWEEPS UST, HIST...	Lower	3688, 0.698, SSE
101	WEST SIXTH & BROADWA	314 W. SIXTH STREET	ENVIROSTOR, EMI	Higher	3691, 0.699, NE
102	PARK CENTRAL BUILDIN	412 W 6TH ST	RCRA-SQG, ENVIROSTOR, FINDS, ECHO	Higher	3699, 0.701, NNE
103	CENTRAL REGION 9TH S	8TH ST./TOWNE AVE./9	ENVIROSTOR, SCH	Higher	3723, 0.705, ESE
104	ACE PLATING CO., INC	719 TOWNE AVENUE	ENVIROSTOR, CPS-SLIC, CHMIRS	Higher	4003, 0.758, East
105	SUNGRO PRODUCTS LLC	810 18TH	ENVIROSTOR, NPDES, CIWQS	Lower	4392, 0.832, SSE
106	SOUTH CENTRAL AREA N	231 EAST 23RD STREET	ENVIROSTOR, SCH	Lower	4578, 0.867, SSW
107	JEFFRIES BANKNOTE CO	1330 WEST PICO BLVD	ENVIROSTOR	Lower	4660, 0.883, WNW
108	BELMONT NEW PRIMARY	927-937 BLAINE STREE	ENVIROSTOR, SCH	Higher	4743, 0.898, NW
109	ORTHOPEDIC HOSPITAL	WEST ADAMS BOULEVARD	ENVIROSTOR, SCH	Lower	4776, 0.905, SW
110	TRINITY PRIMARY SITE	TRINITY STREET/23RD	ENVIROSTOR, SCH	Lower	4821, 0.913, South
111	BELMONT PRIMARY CENT	950 SOUTH ALBANY STR	ENVIROSTOR, SCH	Higher	4946, 0.937, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
MOORE PFEIF 1151 S MAIN ST LOS ANGELES, CA	EDR Hist Auto	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List
US INST CONTROL ---- Sites with Institutional Controls

Federal ERNS list

ERNS ---- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---- Waste Management Unit Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register

AOCONCERN San Gabriel Valley Areas of Concern
HIST Cal-Sites Historical Calsites Database
SCH School Property Evaluation Program
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
US CDL National Clandestine Laboratory Register
CERS HAZ WASTE CERS HAZ WASTE

Local Lists of Registered Storage Tanks

CERS TANKS California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS Environmental Liens Listing
LIENS 2 CERCLA Lien Information
DEED Deed Restriction Listing

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
CHMIRS California Hazardous Material Incident Report System
LDS Land Disposal Sites Listing
MCS Military Cleanup Sites Listing
SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS Formerly Used Defense Sites
DOD Department of Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program

UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
ECHO ---- Enforcement & Compliance History Information
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
Cortese ---- "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings ---- CUPA Resources List
DRYCLEANERS ---- Cleaner Facilities
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
HAZNET ---- Facility and Manifest Data
ICE ---- ICE
LOS ANGELES CO. HMS ---- HMS: Street Number List
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
LA Co. Site Mitigation ---- Site Mitigation List
UIC ---- UIC Listing
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
CIWQS ---- California Integrated Water Quality System
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
CERS ---- CERS
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
UIC GEO ---- UIC GEO (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
PROJECT ---- PROJECT (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HERALD EXAMINER BUIL EPA ID:: CAR000257261	***1111 S BROADWAY***	***NNW 0 - 1/8 (0.063 mi.)***	***E16***	***18***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DISTRIBUTING STATION EPA ID:: CAC002645916	1027 SANTEE STREET	E 1/8 - 1/4 (0.182 mi.)	O70	52

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 8 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A AND B AUTO BODY WO EPA ID:: CAD983633009	***1101 S BROADWAY***	***N 0 - 1/8 (0.084 mi.)***	***E31***	***31***
ASSOCIATED PRESS	***1111 S HILL ST***	***NNW 0 - 1/8 (0.111 mi.)***	***E46***	***36***

EPA ID:: CAD982522054

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPER CLEANERS EPA ID:: CAD981622335	***1115 S LA CLENEGA***	***E 0 - 1/8 (0.081 mi.)***	***D27***	***25***
M KRADIN INC EPA ID:: CAD981368673	***224 E 11TH ST***	***ESE 1/8 - 1/4 (0.149 mi.)***	***H63***	***43***
NASCO PETROLEUM LLC EPA ID:: CAR000243162	***1325 S BROADWAY***	***SW 1/8 - 1/4 (0.166 mi.)***	***M66***	***47***
GRAVITY ACTIVEWEAR I EPA ID:: CAD983656315	***1333 S MAIN***	***SSW 1/8 - 1/4 (0.187 mi.)***	***P75***	***57***
BECK DAVE & CO INC EPA ID:: CAD028457216	***1360 S BROADWAY***	***SW 1/8 - 1/4 (0.228 mi.)***	***78***	***60***
CR AND A CUSTOM INC EPA ID:: CAR000205021	***312 W PICO BLVD***	***W 1/8 - 1/4 (0.233 mi.)***	***Q79***	***62***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/30/2018 has revealed that there are 21 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Facility Id: 60002032 Status: No Further Action	***1108 S HILL STREET***	***NNW 0 - 1/8 (0.082 mi.)***	***E29***	***27***
UNITED BUILDING ASSO Facility Id: 71003260 Status: Refer: Other Agency	707 S BROADWAY #411	NE 1/2 - 1 (0.547 mi.)	93	90
JEWELRY DESIGN CENTE Facility Id: 71003145 Status: Refer: Other Agency	404 W. 7TH STREET #2	NNE 1/2 - 1 (0.574 mi.)	S95	92
LOS ANGELES UNITED I Facility Id: 71003114 Status: Refer: Other Agency	650 S. HILL STREET #	NNE 1/2 - 1 (0.615 mi.)	S97	95
M & M HOLDING, LLC Facility Id: 71003306	629 S. HILL STREET #	NNE 1/2 - 1 (0.648 mi.)	T99	103

Status: Refer: Other Agency

WEST SIXTH & BROADWA	***314 W. SIXTH STREET***	***NE 1/2 - 1 (0.699 mi.)***	***101***	***114***
Facility Id: 71003112				
Status: Refer: Other Agency				
PARK CENTRAL BUILDIN	***412 W 6TH ST***	***NNE 1/2 - 1 (0.701 mi.)***	***102***	***116***
Facility Id: 71003138				
Status: Refer: Other Agency				
CENTRAL REGION 9TH S	***8TH ST./TOWNE AVE./9***	***ESE 1/2 - 1 (0.705 mi.)***	***103***	***120***
Facility Id: 60001149				
Status: Certified				
ACE PLATING CO., INC	***719 TOWNE AVENUE***	***E 1/2 - 1 (0.758 mi.)***	***104***	***127***
Facility Id: 71002245				
Status: Inactive - Needs Evaluation				
BELMONT NEW PRIMARY	***927-937 BLAINE STREE***	***NW 1/2 - 1 (0.898 mi.)***	***108***	***143***
Facility Id: 19750090				
Status: Inactive - Needs Evaluation				
BELMONT PRIMARY CENT	***950 SOUTH ALBANY STR***	***NW 1/2 - 1 (0.937 mi.)***	***111***	***151***
Facility Id: 19590009				
Status: Certified				

Lower Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL	***1201 S MAIN STREET***	***SW 0 - 1/8 (0.054 mi.)***	***B15***	***16***
Facility Id: 60002033				
Status: No Further Action				
LAUSD MASTER AGREEME	***1449 SOUTH SAN PEDRO***	***SSE 1/2 - 1 (0.547 mi.)***	***92***	***86***
Facility Id: 19820019				
Status: Active				
JOHNSON BRONZE COMPA	1818 S. GRAND AVENUE	WSW 1/2 - 1 (0.549 mi.)	94	91
Facility Id: 19340506				
Status: Refer: Other Agency				
1910-1918 S. LOS ANG	***200-224 E. WASHINGTO***	***SSW 1/2 - 1 (0.591 mi.)***	***96***	***93***
Facility Id: 60002663				
Status: Active				
ROYAL PLATING CO	***787 E 15TH ST***	***SSE 1/2 - 1 (0.698 mi.)***	***100***	***104***
Facility Id: 19340770				
Status: Certified O&M - Land Use Restrictions Only				
SUNGRO PRODUCTS LLC	***810 18TH***	***SSE 1/2 - 1 (0.832 mi.)***	***105***	***130***
Facility Id: 19281202				
Status: Refer: Other Agency				
SOUTH CENTRAL AREA N	***231 EAST 23RD STREET***	***SSW 1/2 - 1 (0.867 mi.)***	***106***	***138***
Facility Id: 19590012				
Status: No Further Action				
JEFFRIES BANKNOTE CO	1330 WEST PICO BLVD	WNW 1/2 - 1 (0.883 mi.)	107	142
Facility Id: 19270326				
Status: Refer: Other Agency				
ORTHOPEDIC HOSPITAL	***WEST ADAMS BOULEVARD***	***SW 1/2 - 1 (0.905 mi.)***	***109***	***145***
Facility Id: 19230002				
Status: Certified				
TRINITY PRIMARY SITE	***TRINITY STREET/23RD***	***S 1/2 - 1 (0.913 mi.)***	***110***	***149***

Facility Id: 19880058
Status: Inactive - Withdrawn

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO	504 OLYMPIC BLVD. W.	NNW 1/4 - 1/2 (0.325 mi.)	83	69
Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Global Id: T0603789214				
PROPERTY UNDER CONST	1050-1070 FLOWER ST.	NW 1/4 - 1/2 (0.385 mi.)	86	76
Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Global Id: T0603519348				
ARCO #5033	1151 S FLOWER ST	NW 1/4 - 1/2 (0.413 mi.)	88	80
Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Global Id: T0603708034				
UNOCAL #3300	***730 OLYMPIC BLVD W***	***NNW 1/4 - 1/2 (0.494 mi.)***	***91***	***83***
Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed Facility Id: 900150070 Status: Case Closed Global Id: T0603700550 Global ID: T0603700550				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA DEPARTMENT WATER	***1324 S WALL ST***	***SSE 1/4 - 1/2 (0.323 mi.)***	***82***	***66***
Database: LUST, Date of Government Version: 09/10/2018 Status: Open - Site Assessment Global Id: T0603790000				
CAL ST, GEN SERV DEP	***1525 S BROADWAY***	***SW 1/4 - 1/2 (0.340 mi.)***	***R84***	***73***
Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Global Id: T0603735696				
MOBIL #11-H3K	1600 HILL ST S	SW 1/4 - 1/2 (0.390 mi.)	R87	78
Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed Facility Id: 900150098 Status: Case Closed				

Global Id: T0603700552
Global ID: T0603700552

LAUSD - SAFETY SECTI	1425 S SAN PEDRO ST	SE 1/4 - 1/2 (0.447 mi.)	90	82

Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T0603788360

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LOS ANGELES	1450 GRAND	WSW 1/4 - 1/2 (0.378 mi.)	85	75

Database: SLIC REG 4, Date of Government Version: 11/17/2004
Database: CPS-SLIC, Date of Government Version: 09/10/2018
Facility Status: Completed - Case Closed
Facility Status: Site Assessment
Global Id: SLT4L1501772

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LA - PW - PU	1149 S BROADWAY ST	NW 0 - 1/8 (0.036 mi.)	A7	10

Database: UST, Date of Government Version: 09/10/2018
Facility Id: FA0036204

MFS INTELENET	1149 S BROADWAY	NW 0 - 1/8 (0.036 mi.)	A9	12

Database: UST, Date of Government Version: 09/10/2018
Facility Id: 24767

TRANSAMERICA CORP.	1149 S HILL ST	WNW 1/8 - 1/4 (0.136 mi.)	J59	41

Database: UST, Date of Government Version: 09/10/2018
Facility Id: 24768

TRANSAMERICA OCCIDEN	1150 S OLIVE ST	NW 1/8 - 1/4 (0.165 mi.)	N64	45

Database: UST, Date of Government Version: 09/10/2018
Facility Id: FA0033990

TRANSAMERICA CENTER/	1133 S OLIVE ST	NW 1/8 - 1/4 (0.184 mi.)	N72	55

Database: UST, Date of Government Version: 09/10/2018
Facility Id: FA0033208

Facility Id: 24766

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 5 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1325 S BROADWAY	SW 1/8 - 1/4 (0.166 mi.)	M67	49
Database: AST, Date of Government Version: 07/06/2016				
NASCO PETROLUEM, LLC	1325 S BROADWAY	SW 1/8 - 1/4 (0.166 mi.)	M68	51
Database: AST, Date of Government Version: 07/06/2016				
DISTRIBUTING STATION	1027 SANTEE ST	E 1/8 - 1/4 (0.182 mi.)	O71	54
Database: AST, Date of Government Version: 07/06/2016				
Not reported	1350 S BROADWAY	SW 1/8 - 1/4 (0.204 mi.)	P76	58
Database: AST, Date of Government Version: 07/06/2016				
THE FEIT CO	1325 S OLIVE ST	W 1/8 - 1/4 (0.242 mi.)	Q80	65
Database: AST, Date of Government Version: 07/06/2016				

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 07/30/2018 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL	***1108 S HILL STREET***	***NNW 0 - 1/8 (0.082 mi.)***	***E29***	***27***
Status: No Further Action				
Facility Id: 60002032				

Lower Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL	***1201 S MAIN STREET***	***SW 0 - 1/8 (0.054 mi.)***	***B15***	***16***
Status: No Further Action				
Facility Id: 60002033				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 09/10/2018 has revealed that there is 1

SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
G & P RECYCLING CENT Cert Id: RC203217.001	110 E 17TH ST	SSW 1/4 - 1/2 (0.425 mi.)	89	82

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 9 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES HERALD E Comp Number: 3778	***1111 S BROADWAY***	***NNW 0 - 1/8 (0.063 mi.)***	***E18***	***22***
TRANSAMERICA REALTY Comp Number: 7466	***150 W 12TH ST***	***WNW 0 - 1/8 (0.110 mi.)***	***K45***	***35***
OCCUPANT Status: A Comp Number: 6072	***1149 S HILL ST***	***WNW 1/8 - 1/4 (0.136 mi.)***	***J60***	***41***
TRANSAMERICA OCCIDEN Status: A Comp Number: 5211	***1150 S OLIVE ST***	***NW 1/8 - 1/4 (0.165 mi.)***	***N65***	***45***
MARK GABAY Comp Number: 6349	***1022 S HILL ST***	***N 1/8 - 1/4 (0.173 mi.)***	***L69***	***52***
TRANSAMERICA OCCIDEN Status: A Comp Number: 6073	***1133 S OLIVE ST***	***NW 1/8 - 1/4 (0.184 mi.)***	***N74***	***56***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Comp Number: 663	***1201 S MAIN ST***	***SSW 0 - 1/8 (0.052 mi.)***	***C11***	***13***
TRANSAMERICA OCCIDEN Comp Number: 7184	***150 W PICO BLVD***	***WSW 1/8 - 1/4 (0.131 mi.)***	***M58***	***40***
STANDARD BRANDS PAIN Comp Number: 1062	***124 W PICO BLVD***	***SW 1/8 - 1/4 (0.139 mi.)***	***I61***	***42***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 8 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES HERALD E	1111 S BROADWAY	NNW 0 - 1/8 (0.063 mi.)	E19	22

Facility Id: 00000065237				
SERVICE STATION 2686 Facility Id: 00000007907	1133 S OLIVE ST	NW 1/8 - 1/4 (0.184 mi.)	N73	55
TRANSAMERICA OCCIDEN	***1133 S OLIVE ST***	***NW 1/8 - 1/4 (0.184 mi.)***	***N74***	***56***
GOODYEAR SERVICE CEN Facility Id: 00000029515	940 S HILL ST	NNE 1/8 - 1/4 (0.243 mi.)	81	66

Lower Elevation	Address	Direction / Distance	Map ID	Page
RYDER TRUCK RENTAL Facility Id: 00000066917	100 W 12TH ST	S 0 - 1/8 (0.032 mi.)	A6	10
LOS ANGELES HERALD E Facility Id: 00000005590 Facility Id: 00000065238	1201 S MAIN ST # 19	SSW 0 - 1/8 (0.052 mi.)	C12	14
LOS ANGELES HERALD E	1201-19 S MAIN STREE	SSW 0 - 1/8 (0.052 mi.)	C13	15
STANDARD BRANDS PAIN Facility Id: 00000016999	124 W PICO BLVD	SW 1/8 - 1/4 (0.139 mi.)	I62	43

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 9 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES HERALD E Facility Id: 19039847 Status: I	***1111 S BROADWAY***	***NNW 0 - 1/8 (0.063 mi.)***	***E18***	***22***
TRANSAMERICA REALTY Facility Id: 19010041 Status: I	***150 W 12TH ST***	***WNW 0 - 1/8 (0.110 mi.)***	***K45***	***35***
OCCUPANT Facility Id: 19027841 Status: A	***1149 S HILL ST***	***WNW 1/8 - 1/4 (0.136 mi.)***	***J60***	***41***
TRANSAMERICA OCCIDEN Facility Id: 19020393 Status: A	***1150 S OLIVE ST***	***NW 1/8 - 1/4 (0.165 mi.)***	***N65***	***45***
MARK GABAY Facility Id: 19007503 Status: A	***1022 S HILL ST***	***N 1/8 - 1/4 (0.173 mi.)***	***L69***	***52***
TRANSAMERICA OCCIDEN Facility Id: 19038113 Status: A	***1133 S OLIVE ST***	***NW 1/8 - 1/4 (0.184 mi.)***	***N74***	***56***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Facility Id: 19054181 Status: I	***1201 S MAIN ST***	***SSW 0 - 1/8 (0.052 mi.)***	***C11***	***13***
TRANSAMERICA OCCIDEN	***150 W PICO BLVD***	***WSW 1/8 - 1/4 (0.131 mi.)***	***M58***	***40***

Facility Id: 19056453
Status: A

STANDARD BRANDS PAIN	***124 W PICO BLVD***	***SW 1/8 - 1/4 (0.139 mi.)***	***I61***	***42***
Facility Id: 19054204 Status: I				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANACOMP INC EPA ID:: CAD983673419	***1149 S BROADWAY ST***	***NW 0 - 1/8 (0.036 mi.)***	***A8***	***10***
BONE DEEP - HERRALD EPA ID:: CAP000194159	1111 S BROADWAY	NNW 0 - 1/8 (0.063 mi.)	E17	20

Lower Elevation	Address	Direction / Distance	Map ID	Page
GORDON H JACK INC EPA ID:: CAD990842619	***1330 SO LOS ANGELES***	***S 1/8 - 1/4 (0.216 mi.)***	***77***	***59***

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #3300 Reg Id: 900150070	***730 OLYMPIC BLVD W***	***NNW 1/4 - 1/2 (0.494 mi.)***	***91***	***83***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/20/2018 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS PRECIOUS METAL	***640 S HILL ST***	***NNE 1/2 - 1 (0.620 mi.)***	***T98***	***96***

EPA Id: CAL000098454
Cleanup Status: OPERATING PERMIT

WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there is 1 WIP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OCCUPANT	***1149 S HILL ST***	***WNW 1/8 - 1/4 (0.136 mi.)***	***J60***	***41***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 29 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GUARANTEED AUTO SERV	1156 S MAIN ST	E 0 - 1/8 (0.016 mi.)	A2	9
WITTENBERG DAVID	1135 N MAINE AVE	ENE 0 - 1/8 (0.020 mi.)	A4	9
STATION #23	1131 S MAIN	NE 0 - 1/8 (0.027 mi.)	A5	9
ASSELIN ANDRE	1201 S BROADWAY	W 0 - 1/8 (0.045 mi.)	B10	13
HOWIE A S	1102 S HILL ST	NNW 0 - 1/8 (0.094 mi.)	E35	33
FOWLER L D	1129 S HILL ST	NW 0 - 1/8 (0.106 mi.)	J43	35
KELLEY BROS	1127 S HILL ST	NW 0 - 1/8 (0.109 mi.)	J44	35
MORWAY STEPH	217 W 12TH ST	WNW 0 - 1/8 (0.113 mi.)	K49	38
EKLUND FRANK	1216 S HILL ST	W 0 - 1/8 (0.114 mi.)	K51	39
SIMONIN RENE	1207 S HILL ST	W 0 - 1/8 (0.116 mi.)	K52	39
KELLEY BROS	1041 S LOS ANGELES S	ENE 0 - 1/8 (0.119 mi.)	H53	39
PHELEN FRANK	1050 S HILL ST	N 0 - 1/8 (0.124 mi.)	L57	40

Lower Elevation	Address	Direction / Distance	Map ID	Page
HALL E V	1215 S MAIN ST	SSW 0 - 1/8 (0.070 mi.)	C20	23
WESTERN AUTO WORKS	1141 S LOS ANGELES S	SE 0 - 1/8 (0.072 mi.)	F21	23
BOHNSTEDT H J	1220 S MAIN ST	SSW 0 - 1/8 (0.074 mi.)	C22	24
HAGGERTY W P	118 E 12TH ST	SSE 0 - 1/8 (0.075 mi.)	F24	24
SCHLOSSBERG MORRIS	1109 S LOS ANGELES S	E 0 - 1/8 (0.081 mi.)	D28	27
SINCLAIR WILLARD	1201 S LOS ANGELES S	SSE 0 - 1/8 (0.085 mi.)	F32	32
BELL H R	1207 S LA ALAMEDA	SSE 0 - 1/8 (0.092 mi.)	33	33
BORKENSTEIN SOL	1144 S LOS ANGELES S	SE 0 - 1/8 (0.093 mi.)	F34	33

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
FISH F J	1156 S LOS ANGELES S	SE 0 - 1/8 (0.095 mi.)	F36	33
COHEN IRVING	1142 S LOS ANGELES S	SE 0 - 1/8 (0.096 mi.)	F37	34
WESTERN MOTOR SERVIC	1136 S LOS ANGELES S	SE 0 - 1/8 (0.096 mi.)	F38	34
ASHENFELTER F D	1108 N LOS ANGELES	E 0 - 1/8 (0.104 mi.)	H41	34
BECKER CHESROWN	1100 S LOS ANGELES S	E 0 - 1/8 (0.112 mi.)	H47	38
GIBSON T M	100 S LOS ANGELES ST	E 0 - 1/8 (0.114 mi.)	H50	38
DUNCAN ZACHARY	118 W PICO BLVD	SW 0 - 1/8 (0.119 mi.)	I54	39
CALIFORNIA CYLINDER	114 W PICO BLVD	SW 0 - 1/8 (0.123 mi.)	I55	40
POPHAM H H	147 W PICO BLVD	WSW 0 - 1/8 (0.124 mi.)	I56	40

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 10 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATIONAL CLEANERS IN	1114 S MAIN ST	ENE 0 - 1/8 (0.053 mi.)	D14	15
FARRER M P	111 W 11TH ST	NE 0 - 1/8 (0.079 mi.)	G25	24
ROLDAN ALF	1091/2 S BROADWAY	N 0 - 1/8 (0.096 mi.)	E39	34
DAVIS EPHRAIM	1063 S BROADWAY	N 0 - 1/8 (0.102 mi.)	G40	34
SKLAR ISEDORE	159 W 12TH ST	WNW 0 - 1/8 (0.112 mi.)	K48	38

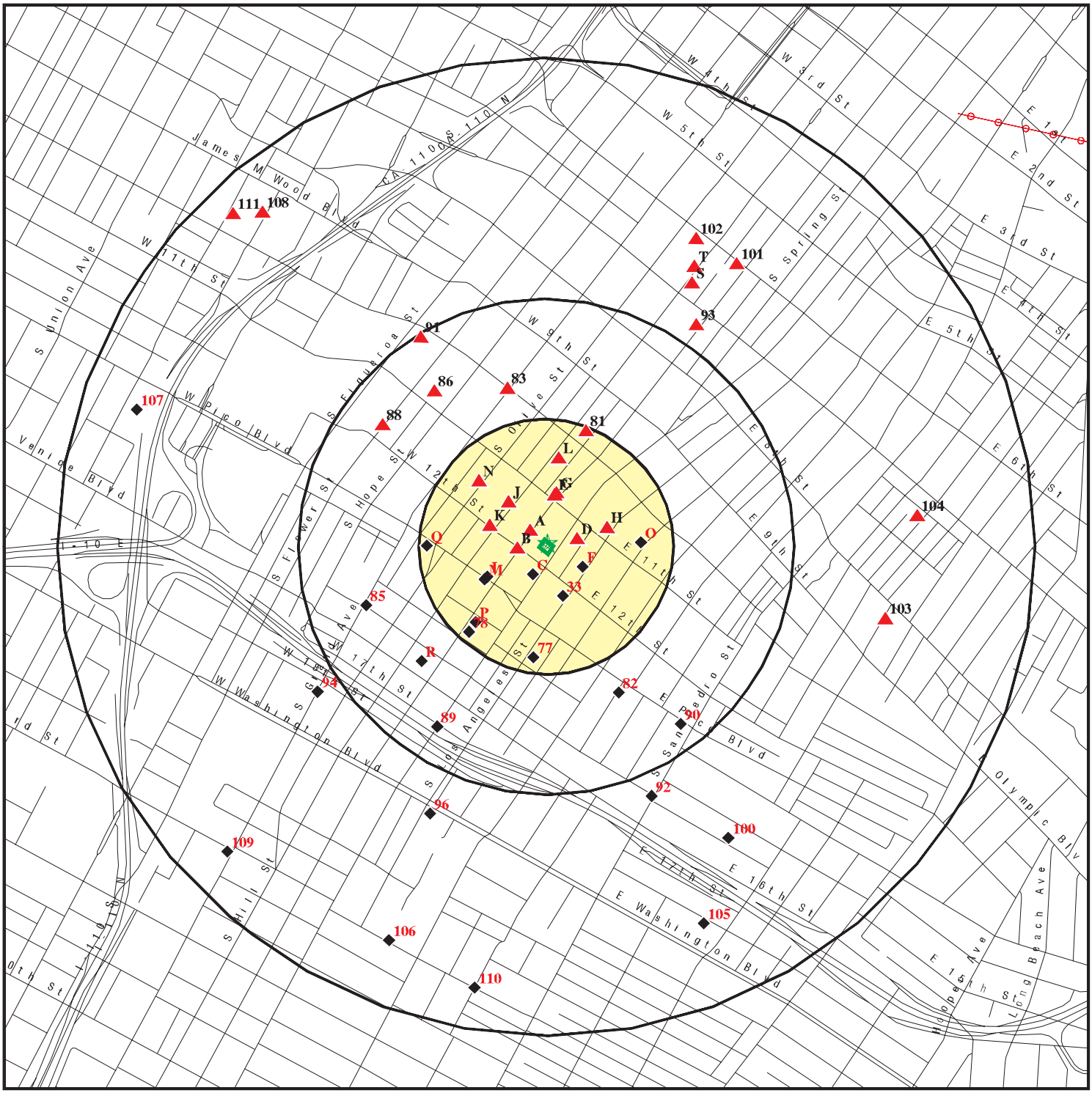
Lower Elevation	Address	Direction / Distance	Map ID	Page
CROWN LAUNDRY CO	1191/2 S MAIN ST	S 0 - 1/8 (0.016 mi.)	A3	9
RUBINA	1133 S LOS ANGELES S	ESE 0 - 1/8 (0.074 mi.)	F23	24
KIM PYUNG KIL	1223 S MAIN ST	SSW 0 - 1/8 (0.079 mi.)	C26	25
WONG CHUNG	1111/2 S LOS ANGELES	E 0 - 1/8 (0.083 mi.)	D30	31
PETERSON G A	115 W PICO BLVD	SW 0 - 1/8 (0.105 mi.)	I42	35

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
411 S MAIN ST & 410 S SPING ST	ENF

OVERVIEW MAP - 5471372.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

Areas of Concern

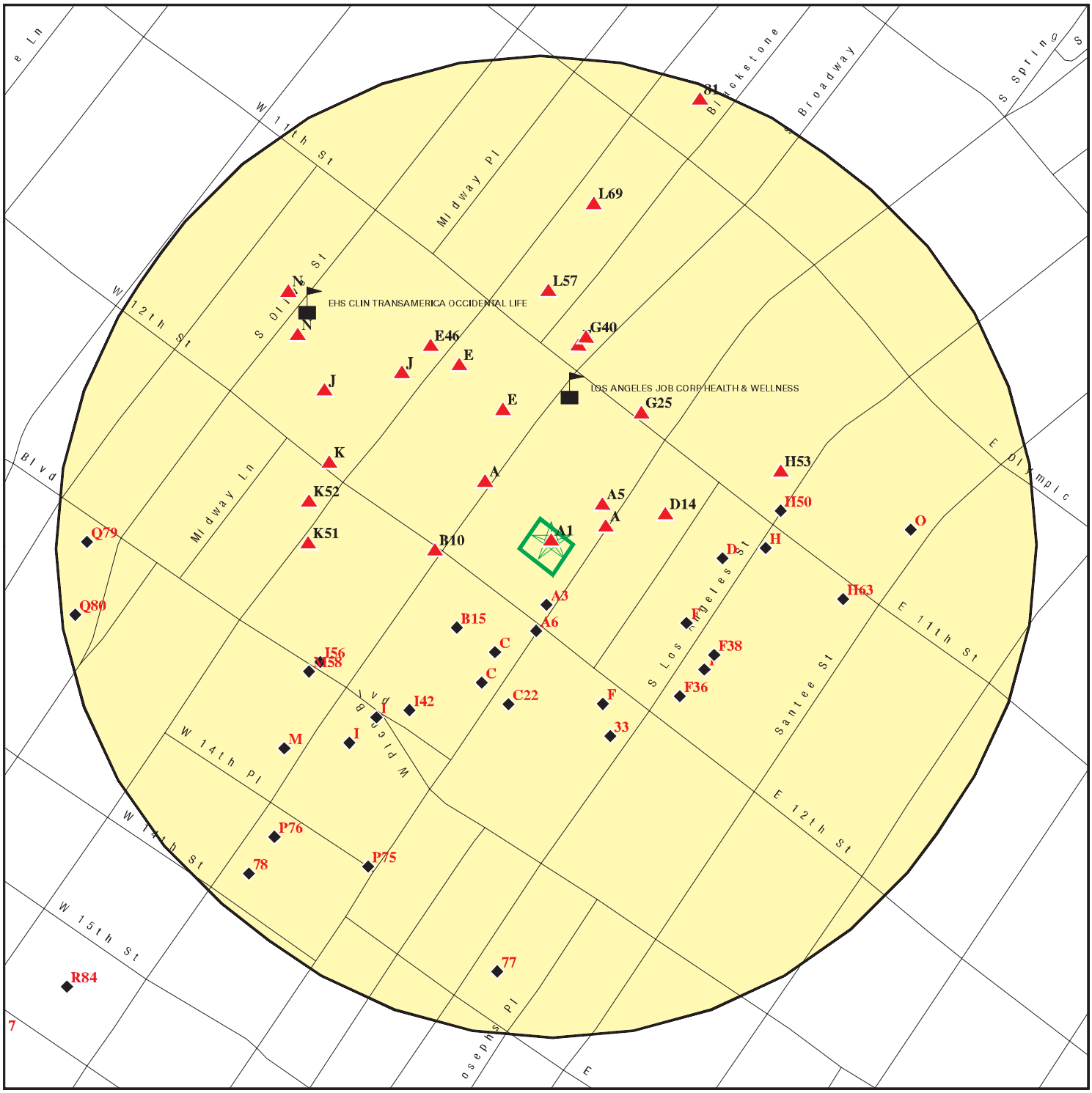
N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1147-1151 S Main	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	1147-1151 S Main Street LOS ANGELES CA 90015	CONTACT:	Max Mcbride
LAT/LONG:	34.03829 / 118.259212	INQUIRY #:	5471372.2s
		DATE:	October 31, 2018 9:47 pm

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DETAIL MAP - 5471372.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1147-1151 S Main	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 1147-1151 S Main Street LOS ANGELES CA 90015	CONTACT: Max Mcbride
LAT/LONG: 34.03829 / 118.259212	INQUIRY #: 5471372.2s DATE: October 31, 2018 9:49 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	1	NR	NR	NR	2
RCRA-SQG	0.250		3	5	NR	NR	NR	8
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		2	0	0	19	NR	21
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	8	NR	NR	8

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	3	NR	NR	NR	5
AST	0.250		0	5	NR	NR	NR	5
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		2	0	0	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		3	6	NR	NR	NR	9
HIST UST	0.250		4	4	NR	NR	NR	8
CA FID UST	0.250		3	6	NR	NR	NR	9
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	1	NR	NR	NR	3
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	1	NR	NR	NR	1
CIWQS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125	1	29	NR	NR	NR	NR	30
EDR Hist Cleaner	0.125		10	NR	NR	NR	NR	10
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	61	32	11	20	0	125

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property
MOORE PFEIF
1151 S MAIN ST
LOS ANGELES, CA
EDR Hist Auto
1009082418
N/A

Site 1 of 9 in cluster A

Actual: 241 ft.

EDR Hist Auto

Year:	Name:	Type:
1942	MOORE PFEIF	AUTOMOBILE REPAIRING

A2
East
< 1/8
0.016 mi.
83 ft.
GUARANTEED AUTO SERVICE
1156 S MAIN ST
LOS ANGELES, CA
EDR Hist Auto
1009078158
N/A

Site 2 of 9 in cluster A

Relative: Higher

EDR Hist Auto

Actual: 241 ft.

Year:	Name:	Type:
1929	GUARANTEED AUTO SERVICE	AUTOMOBILE REPAIRING AND SERVICE STATIONS

A3
South
< 1/8
0.016 mi.
87 ft.
CROWN LAUNDRY CO
1191/2 S MAIN ST
LOS ANGELES, CA
EDR Hist Cleaner
1009191416
N/A

Site 3 of 9 in cluster A

Relative: Lower

EDR Hist Cleaner

Actual: 240 ft.

Year:	Name:	Type:
1937	CROWN LAUNDRY CO	LAUNDRIES STEAM

A4
ENE
< 1/8
0.020 mi.
108 ft.
WITTENBERG DAVID
1135 N MAINE AVE
LOS ANGELES, CA
EDR Hist Auto
1009080272
N/A

Site 4 of 9 in cluster A

Relative: Higher

EDR Hist Auto

Actual: 241 ft.

Year:	Name:	Type:
1933	WITTENBERG DAVID	GASOLINE AND OIL SERVICE STATIONS

A5
NE
< 1/8
0.027 mi.
144 ft.
STATION #23
1131 S MAIN
LOS ANGELES, CA 90015
EDR Hist Auto
1022232037
N/A

Site 5 of 9 in cluster A

Relative: Higher

EDR Hist Auto

Actual: 242 ft.

Year:	Name:	Type:
1986	STATION #23	Gasoline Service Stations

A6 **RYDER TRUCK RENTAL** **HIST UST** **U001560628**
South **100 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.032 mi.
167 ft. **Site 6 of 9 in cluster A**

Relative: **Lower**
Actual: **239 ft.**

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000066917
Facility Type:	Other
Other Type:	TRUCK LEASING & RENT
Contact Name:	BOB WARE
Telephone:	2137480911
Owner Name:	HERALD EXAMINER
Owner Address:	1201 SOUTH MAIN
Owner City,St,Zip:	LOS ANGELES, CA 90015
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	4
Container Construction Thickness:	X
Leak Detection:	None

A7 **CITY OF LA - PW - PUBLIC WORKS BLDG** **UST** **U004264417**
NW **1149 S BROADWAY ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.036 mi.
192 ft. **Site 7 of 9 in cluster A**

Relative: **Higher**
Actual: **243 ft.**

UST:

Facility ID:	FA0036204
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.03868
Longitude:	-118.25989

A8 **ANACOMP INC** **RCRA NonGen / NLR** **1000857889**
NW **1149 S BROADWAY ST** **FINDS** **CAD983673419**
< 1/8 **LOS ANGELES, CA 90015** **ECHO**
0.036 mi. **HAZNET**
192 ft. **Site 8 of 9 in cluster A**

Relative: **Higher**
Actual: **243 ft.**

RCRA NonGen / NLR:

Date form received by agency:	08/17/1995
Facility name:	ANACOMP INC
Facility address:	1149 S BROADWAY ST STE B 226 BROADWAY BLDG LOS ANGELES, CA 90015
EPA ID:	CAD983673419
Contact:	TONY WEAVER
Contact address:	PO BOX 40888 INDIANAPOLIS, IN 46240-0888
Contact country:	US

ANACOMP INC (Continued) **1000857889**

Contact telephone: 317-844-9666
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ANACOMP INC
Owner/operator address: P O BOX 40388
INDIANAPOLIS, IN 46240
Owner/operator country: Not reported
Owner/operator telephone: 317-844-9666
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002902967

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110059795495

Environmental Interest/Information System
STATE MASTER

ICIS (Integrated Compliance Information System) is the Integrated

ANACOMP INC (Continued) **1000857889**

Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000857889
Registry ID:	110002902967
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002902967

HAZNET:

envid:	1000857889
Year:	1995
GEPAID:	CAD983673419
Contact:	ANACOMP INC
Telephone:	6196799797
Mailing Name:	Not reported
Mailing Address:	11075 KNOTT AVE STE B
Mailing City,St,Zip:	CYPRESS, CA 906300000
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1251
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

A9 **MFS INTELENET** **UST** **U003780587**
NW **1149 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.036 mi.
192 ft. **Site 9 of 9 in cluster A**

Relative:
Higher

Actual:
243 ft.

UST:

Facility ID:	24767
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.039896
Longitude:	-118.2588238

B10 **ASSELIN ANDRE** **EDR Hist Auto** **1009080021**
West **1201 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA**
0.045 mi.
240 ft. **Site 1 of 2 in cluster B**

Relative: EDR Hist Auto
Higher

Actual:
241 ft.

Year:	Name:	Type:
1929	ASSELIN ANDRE	AUTOMOBILE REPAIRING AND SERVICE STATIONS
1933	RICHARDS COWAN	GASOLINE AND OIL SERVICE STATIONS

C11 **FC BROADWAY AND HILL, LLC** **SWEEPS UST** **S101629310**
SSW **1201 S MAIN ST** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015** **HAZNET**
0.052 mi.
276 ft. **Site 1 of 6 in cluster C**

Relative: SWEEPS UST:
Lower

Actual:
239 ft.

Status:	Not reported
Comp Number:	663
Number:	Not reported
Board Of Equalization:	44-011326
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000663-000001
Tank Status:	Not reported
Capacity:	9950
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	19054181
Regulated By:	UTNKI
Regulated ID:	00005590
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137448000
Mail To:	Not reported
Mailing Address:	959 8TH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

HAZNET:

envid:	S101629310
Year:	2015
GEPAID:	CAC002822902

FC BROADWAY AND HILL, LLC (Continued) **S101629310**

Contact:	KENNETH C. YASMER
Telephone:	2134162272
Mailing Name:	Not reported
Mailing Address:	949 S HOPE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151454
Gen County:	Los Angeles
TSD EPA ID:	AZC950823111
TSD County:	99
Waste Category:	Other organic solids
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	257.8968
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

C12 **LOS ANGELES HERALD EXAMINER** **HIST UST** **U001560617**
SSW **1201 S MAIN ST # 19** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.052 mi.
276 ft. **Site 2 of 6 in cluster C**

Relative: **Lower**

Actual: **239 ft.**

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000065238
Facility Type:	Other
Other Type:	NEWSPAPER
Contact Name:	BOB WARE
Telephone:	2137448000
Owner Name:	THE HEARST CORPORATION
Owner Address:	959 EIGHTH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Total Tanks:	0001
Tank Num:	001
Container Num:	9,950
Year Installed:	1964
Tank Capacity:	00009950
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	001
Container Num:	9950
Year Installed:	1964
Tank Capacity:	00009950
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

C13 **LOS ANGELES HERALD EXAMINER** **HIST UST** **S118412459**
SSW **1201-19 S MAIN STREET** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.052 mi.
276 ft. **Site 3 of 6 in cluster C**

Relative: **Lower**

Actual: **239 ft.**

HIST UST:

File Number:	00026D9A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026D9A.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

D14 **NATIONAL CLEANERS INC** **EDR Hist Cleaner** **1020047142**
ENE **1114 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.053 mi.
278 ft. **Site 1 of 4 in cluster D**

Relative: **Higher**

Actual: **241 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
2001	NATIONAL CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2002	NATIONAL CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2003	NATIONAL CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2004	NATIONAL CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2005	NATIONAL CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2006	NATIONAL CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2007	NATIONAL CLEANERS INC	Drycleaning Plants, Except Rugs, NEC

B15 **FC BROADWAY AND HILL 1201 SOUTH MAIN** **ENVIROSTOR** **S117038679**
SW **1201 S MAIN STREET** **VCP** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.054 mi.
287 ft. **Site 2 of 2 in cluster B**

Relative:
Lower

Actual:
239 ft.

ENVIROSTOR:

Facility ID:	60002033
Status:	No Further Action
Status Date:	04/14/2017
Site Code:	301671-11
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1.1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.03762
Longitude:	-118.2600
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE, VEHICLE MAINTENANCE
Potential COC:	Benzene TPH-gas Toluene Xylenes TPH-gas Ethylbenzene Xylenes
Confirmed COC:	30003-NO TPH-gas 30593-NO 30550-NO TPH-gas Ethylbenzene Xylenes
Potential Description:	SV
Alias Name:	301671-11
Alias Type:	Project Code (Site Code)
Alias Name:	60002033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/09/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/20/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan

FC BROADWAY AND HILL 1201 SOUTH MAIN (Continued) **S117038679**

Completed Date: 02/10/2015
Comments: Risk Management Plan

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60002033
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Haissam Salloum
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Site Code: 301671-11
Assembly: 53
Senate: 30
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 04/14/2017
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.03762 / -118.2600
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE, VEHICLE MAINTENANCE
Potential COC: 30003, 30025, 30550, 30593, 30025, 30272, 30593
Confirmed COC: 30003-NO,30025,30593-NO,30550-NO,, ,30025,30272,30593
Potential Description: SV
Alias Name: 301671-11
Alias Type: Project Code (Site Code)
Alias Name: 60002033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 07/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/20/2014
Comments: Not reported

FC BROADWAY AND HILL 1201 SOUTH MAIN (Continued) **S117038679**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	02/10/2015
Comments:	Risk Management Plan
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

E16 **HERALD EXAMINER BUILDING** **RCRA-LQG** **1018273596**
NNW **1111 S BROADWAY** **FINDS** **CAR000257261**
< 1/8 **LOS ANGELES, CA 90015** **ECHO**
0.063 mi.
331 ft. **Site 1 of 9 in cluster E**

Relative:
Higher

Actual:
244 ft.

RCRA-LQG:

Date form received by agency:	12/18/2015
Facility name:	HERALD EXAMINER BUILDING
Facility address:	1111 S BROADWAY LOS ANGELES, CA 90015
EPA ID:	CAR000257261
Mailing address:	MADISON AVE 23RD FLR NEW YORK, NY 10065
Contact:	MICHAEL FISCHER
Contact address:	BEACH AVE 301 MARINA DEL REY, CA 90292
Contact country:	US
Contact telephone:	310-775-0512
Telephone ext.:	1
Contact email:	MRISCHER@GEORGETOWNCO.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

HERALD EXAMINER BUILDING (Continued) **1018273596**

Owner/Operator Summary:

Owner/operator name:	BROADWAY ELEVENTH OWNERS LLC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/25/2015
Owner/Op end date:	Not reported

Owner/operator name:	BROADWAY ELEVENTH OWNERS LLC
Owner/operator address:	MADISON AVE 23RD FLR
	NEW YORK, NY 10065
Owner/operator country:	US
Owner/operator telephone:	212-755-2323
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/25/2015
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	151
. Waste name:	Asbestos-containing waste

. Waste code:	181
. Waste name:	Other inorganic solid waste

. Waste code:	261
. Waste name:	Polychlorinated biphenyls and material containing PCB’s

. Waste code:	352
. Waste name:	Other organic solids

HERALD EXAMINER BUILDING (Continued) **1018273596**

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

FINDS:

Registry ID: 110067265364

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1018273596
Registry ID: 110067265364
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067265364

E17
NNW
< 1/8
0.063 mi.
331 ft.

BONE DEEP - HERRALD EXAMINER **RCRA NonGen / NLR** **1011861571**
1111 S BROADWAY **CAP000194159**
LOS ANGELES, CA 90015

Site 2 of 9 in cluster E

Relative: Higher

Actual: 244 ft.

RCRA NonGen / NLR:
Date form received by agency: 09/22/2008
Facility name: BONE DEEP - HERRALD EXAMINER
Facility address: 1111 S BROADWAY
LOS ANGELES, CA 90015
EPA ID: CAP000194159
Mailing address: 10202 W WASHINGTON BLVD
COHN 274
CULVER CITY, CA 90232
Contact: CAROL L REYNOLDS
Contact address: 10202 W WASHINGTON BLVD COHN 274
CULVER CITY, CA 90232
Contact country: US
Contact telephone: 310-244-8866
Contact email: CAROL_REYNOLDS@SPE.SONY.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: STAGE 6 FILMS INC SCREEN GEMS
Owner/operator address: Not reported

BONE DEEP - HERRALD EXAMINER (Continued) **1011861571**

Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/21/2008
Owner/Op end date: Not reported

Owner/operator name: THE HEARST CORP
Owner/operator address: NO 5 THIRD ST STE 200
SAN FRANCISCO, CA 94103
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1913
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/28/2008
Site name: BONE DEEP - HERRALD EXAMINER
Classification: Small Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

E18 **LOS ANGELES HERALD EXAMINER** **SWEEPS UST** **S101617170**
NNW **1111 S BROADWAY** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.063 mi.
331 ft. **Site 3 of 9 in cluster E**

Relative:
Higher

Actual:
244 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	3778
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

CA FID UST:

Facility ID:	19039847
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137448219
Mail To:	Not reported
Mailing Address:	1111 S BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

E19 **LOS ANGELES HERALD EXAMINER** **HIST UST** **U001560616**
NNW **1111 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.063 mi.
331 ft. **Site 4 of 9 in cluster E**

Relative:
Higher

Actual:
244 ft.

HIST UST:

File Number:	00028B8C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028B8C.pdf
Region:	STATE
Facility ID:	00000065237
Facility Type:	Other
Other Type:	NEWSPAPER
Contact Name:	RAY WILLIS
Telephone:	2137448219
Owner Name:	THE HEARST CORPORATION

LOS ANGELES HERALD EXAMINER (Continued) **U001560616**

Owner Address:	959 EIGHTH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Total Tanks:	0002
Tank Num:	001
Container Num:	41993 A
Year Installed:	1948
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	41993 B
Year Installed:	1948
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test

Click here for Geo Tracker PDF:

C20 **HALL E V** **EDR Hist Auto** **1009079228**
SSW **1215 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.070 mi.
368 ft. **Site 4 of 6 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
238 ft. 1924 HALL E V AUTOMOBILE REPAIRING

F21 **WESTERN AUTO WORKS** **EDR Hist Auto** **1009079732**
SE **1141 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.072 mi.
380 ft. **Site 1 of 8 in cluster F**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
239 ft. 1924 WESTERN AUTO WORKS AUTOMOBILE REPAIRING

C22 **BOHNSTEDT H J** **EDR Hist Auto** **1009081071**
SSW **1220 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.074 mi.
391 ft. **Site 5 of 6 in cluster C**

Relative: EDR Hist Auto
Lower

Actual:
237 ft.

Year:	Name:	Type:
1933	BOHNSTEDT H J	AUTOMOBILE REPAIRING

F23 **RUBINA** **EDR Hist Cleaner** **1020078531**
ESE **1133 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.074 mi.
393 ft. **Site 2 of 8 in cluster F**

Relative: EDR Hist Cleaner
Lower

Actual:
239 ft.

Year:	Name:	Type:
2002	RUBINA	Drycleaning Plants, Except Rugs, NEC
2003	RUBINA	Drycleaning Plants, Except Rugs, NEC
2004	RUBINA	Drycleaning Plants, Except Rugs, NEC
2005	RUBINA	Drycleaning Plants, Except Rugs, NEC
2006	RUBINA	Drycleaning Plants, Except Rugs, NEC
2007	RUBINA	Drycleaning Plants, Except Rugs, NEC
2008	RUBINA	Drycleaning Plants, Except Rugs, NEC
2009	RUBINA	Drycleaning Plants, Except Rugs, NEC
2010	RUBINA	Drycleaning Plants, Except Rugs, NEC
2011	RUBINA	Drycleaning Plants, Except Rugs, NEC
2012	RUBINA	Drycleaning Plants, Except Rugs, NEC
2013	RUBINA	Drycleaning Plants, Except Rugs, NEC

F24 **HAGGERTY W P** **EDR Hist Auto** **1009079961**
SSE **118 E 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.075 mi.
395 ft. **Site 3 of 8 in cluster F**

Relative: EDR Hist Auto
Lower

Actual:
237 ft.

Year:	Name:	Type:
1933	HAGGERTY W P	AUTOMOBILE REPAIRING

G25 **FARRER M P** **EDR Hist Cleaner** **1009186301**
NE **111 W 11TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.079 mi.
417 ft. **Site 1 of 2 in cluster G**

Relative: EDR Hist Cleaner
Higher

Actual:
243 ft.

Year:	Name:	Type:
1929	KENDALL F J	CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933	STANLEY FARRER	CLOTHES PRESSERS AND CLEANERS
1937	FARRER M P	CLOTHES PRESSERS AND CLEANERS

C26 **KIM PYUNG KIL** **EDR Hist Cleaner** **1020019555**
SSW **1223 S MAIN ST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.079 mi.
419 ft. **Site 6 of 6 in cluster C**

Relative: EDR Hist Cleaner
Lower

Actual: **237 ft.**

Year:	Name:	Type:
2004	KIM PYUNG KIL	Drycleaning Plants, Except Rugs
2005	KIM PYUNG KIL	Drycleaning Plants, Except Rugs
2006	KIM PYUNG KIL	Drycleaning Plants, Except Rugs
2007	KIM PYUNG KIL	Drycleaning Plants, Except Rugs
2008	KIM PYUNG KIL	Drycleaning Plants, Except Rugs

D27 **SUPER CLEANERS** **RCRA-SQG** **1000210233**
East **1115 S LA CLENEGA** **FINDS** **CAD981622335**
< 1/8 **LOS ANGELES, CA 90035** **ECHO**
0.081 mi.
427 ft. **Site 2 of 4 in cluster D**

Relative: RCRA-SQG:
Lower

Actual: **240 ft.**

Date form received by agency:	09/01/1996
Facility name:	SUPER CLEANERS
Facility address:	1115 S LA CLENEGA LOS ANGELES, CA 90035
EPA ID:	CAD981622335
Mailing address:	1415 S LA CIENEGA LOS ANGELES, CA 90035
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	FELIX AARON
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED

SUPER CLEANERS (Continued) **1000210233**

NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/27/1986
Site name: SUPER CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002727354

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000210233
Registry ID: 110002727354
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002727354

D28 **SCHLOSSBERG MORRIS** **EDR Hist Auto** **1009079594**
East **1109 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.081 mi.
428 ft. **Site 3 of 4 in cluster D**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
240 ft. 1924 SCHLOSSBERG MORRIS AUTOMOBILE REPAIRING

E29 **FC BROADWAY AND HILL 1108 SOUTH HILL** **ENVIROSTOR** **S117038678**
NNW **1108 S HILL STREET** **VCP** **N/A**
< 1/8 **LOS ANGELES, CA 90015** **HAZNET**
0.082 mi.
434 ft. **Site 5 of 9 in cluster E**

Relative: ENVIROSTOR:
Higher

Actual:
245 ft.

Facility ID:	60002032
Status:	No Further Action
Status Date:	04/14/2017
Site Code:	301670-11
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1.06
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.03961
Longitude:	-118.2600
APN:	NONE SPECIFIED
Past Use:	UNDERGROUND STORAGE TANKS
Potential COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE Ethylbenzene Naphthalene Xylenes
Confirmed COC:	Tetrachloroethylene (PCE Naphthalene Ethylbenzene Xylenes Trichloroethylene (TCE
Potential Description:	SOIL, SV
Alias Name:	301670-11
Alias Type:	Project Code (Site Code)
Alias Name:	60002032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/09/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 12/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/10/2015
Comments: Risk Management Plan

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60002032
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.06
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Haissam Salloum
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Site Code: 301670-11
Assembly: 53
Senate: 30
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 04/14/2017
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.03961 / -118.2600
APN: NONE SPECIFIED
Past Use: UNDERGROUND STORAGE TANKS
Potential COC: 30022, 30027, 30272, 30484, 30593
Confirmed COC: 30022,30484,30272,30593,30027
Potential Description: SOIL, SV
Alias Name: 301670-11
Alias Type: Project Code (Site Code)
Alias Name: 60002032
Alias Type: Envirostor ID Number

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/09/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/09/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	02/10/2015
Comments:	Risk Management Plan

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

HAZNET:

envid:	S117038678
Year:	2015
GEPAID:	CAC002822899
Contact:	KENNETH C. YASMER
Telephone:	2134162272
Mailing Name:	Not reported
Mailing Address:	949 S HOPE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151454
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCBs
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.12563
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S117038678

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

Year:	2015
GEPAID:	CAC002822899
Contact:	KENNETH C. YASMER
Telephone:	2134162272
Mailing Name:	Not reported
Mailing Address:	949 S HOPE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151454
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Liquids with pH <= 2
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.004
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S117038678
Year:	2015
GEPAID:	CAC002822899
Contact:	KENNETH C. YASMER
Telephone:	2134162272
Mailing Name:	Not reported
Mailing Address:	949 S HOPE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151454
Gen County:	Los Angeles
TSD EPA ID:	AZC950823111
TSD County:	99
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	3.68
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S117038678
Year:	2015
GEPAID:	CAC002822899
Contact:	KENNETH C. YASMER
Telephone:	2134162272
Mailing Name:	Not reported
Mailing Address:	949 S HOPE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151454
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.135
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

D30 **WONG CHUNG** **EDR Hist Cleaner** **1009190295**
East **1111/2 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.083 mi.
437 ft. **Site 4 of 4 in cluster D**

Relative: EDR Hist Cleaner
Lower

Actual: **240 ft.**

Year:	Name:	Type:
1924	WONG CHUNG	LAUNDRIES ORIENTAL
1929	WONG CHUNG	LAUNDRIES ORIENTAL
1942	WONG CHONG	LAUNDRIES ORIENTAL

E31 **A AND B AUTO BODY WORKS** **RCRA-SQG** **1000686077**
North **1101 S BROADWAY** **FINDS** **CAD983633009**
< 1/8 **LOS ANGELES, CA 90061** **ECHO**
0.084 mi.
441 ft. **Site 6 of 9 in cluster E**

Relative: RCRA-SQG:
Higher

Actual: **245 ft.**

Date form received by agency:	04/22/1992
Facility name:	A AND B AUTO BODY WORKS
Facility address:	1101 S BROADWAY LOS ANGELES, CA 90061
EPA ID:	CAD983633009
Mailing address:	S BROADWAY LOS ANGELES, CA 90061
Contact:	JAMES PRICE
Contact address:	1101 S BROADWAY LOS ANGELES, CA 90061
Contact country:	US
Contact telephone:	213-754-2853
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	A AND B AUTO BODY WORKS
Owner/operator address:	1101 S BROADWAY LOS ANGELES, CA 90061
Owner/operator country:	Not reported
Owner/operator telephone:	213-754-2853
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

A AND B AUTO BODY WORKS (Continued) **1000686077**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002874033

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000686077
Registry ID:	110002874033
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002874033

F32 **SINCLAIR WILLARD** **EDR Hist Auto** **1009080643**
SSE **1201 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.085 mi.
449 ft. **Site 4 of 8 in cluster F**

Relative: EDR Hist Auto
Lower

Actual:
237 ft.

Year:	Name:	Type:
1937	SINCLAIR WILLARD	GASOLINE AND OIL SERVICE STATIONS
1942	SINCLAIR WILLARD	GASOLINE AND OIL SERVICE STATIONS

33
SSE
< 1/8
0.092 mi.
488 ft.

BELL H R
1207 S LA ALAMEDA AVE
WATTS, CA

EDR Hist Auto **1009019930**
N/A

Relative:
Lower

EDR Hist Auto

Actual:
236 ft.

Year:	Name:	Type:
1928	BELL H R	GASOLINE AND OIL SERVICE STATIONS

F34
SE
< 1/8
0.093 mi.
493 ft.

BORKENSTEIN SOL
1144 S LOS ANGELES ST
LOS ANGELES, CA
Site 5 of 8 in cluster F

EDR Hist Auto **1009076240**
N/A

Relative:
Lower

EDR Hist Auto

Actual:
238 ft.

Year:	Name:	Type:
1924	BORKENSTEIN SOL	AUTOMOBILE REPAIRING

E35
NNW
< 1/8
0.094 mi.
498 ft.

HOWIE A S
1102 S HILL ST
LOS ANGELES, CA
Site 7 of 9 in cluster E

EDR Hist Auto **1009080178**
N/A

Relative:
Higher

EDR Hist Auto

Actual:
245 ft.

Year:	Name:	Type:
1929	HOWIE A S	GASOLINE AND OIL SERVICE STATION
1937	HOWIE A S	GASOLINE AND OIL SERVICE STATIONS

F36
SE
< 1/8
0.095 mi.
501 ft.

FISH F J
1156 S LOS ANGELES ST
LOS ANGELES, CA
Site 6 of 8 in cluster F

EDR Hist Auto **1009080174**
N/A

Relative:
Lower

EDR Hist Auto

Actual:
237 ft.

Year:	Name:	Type:
1929	FISH F J	GASOLINE AND OIL SERVICE STATION
1933	ANTHONY A E	GASOLINE AND OIL SERVICE STATIONS
1937	ANTHONY ALBT	GASOLINE AND OIL SERVICE STATIONS
1942	FISH E J	GASOLINE AND OIL SERVICE STATIONS

F37 **COHEN IRVING** **EDR Hist Auto** **1009080790**
SE **1142 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.096 mi.
509 ft. **Site 7 of 8 in cluster F**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
238 ft. 1937 COHEN IRVING AUTOMOBILE REPAIRING

F38 **WESTERN MOTOR SERVICE CO** **EDR Hist Auto** **1009078491**
SE **1136 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.096 mi.
509 ft. **Site 8 of 8 in cluster F**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
238 ft. 1924 GOODWIN H C AUTOMOBILE REPAIRING
1929 WESTERN MOTOR SERVICE CO AUTOMOBILE REPAIRING AND SERVICE STATIONS

E39 **ROLDAN ALF** **EDR Hist Cleaner** **1009190498**
North **1091/2 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA**
0.096 mi.
509 ft. **Site 8 of 9 in cluster E**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
244 ft. 1933 ROLDAN ALF LAUNDRIES HAND

G40 **DAVIS EPHRAIM** **EDR Hist Cleaner** **1009185209**
North **1063 S BROADWAY** **N/A**
< 1/8 **LOS ANGELES, CA**
0.102 mi.
536 ft. **Site 2 of 2 in cluster G**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
245 ft. 1929 DAVIS EPHRAIM CLOTHES PRESSERS CLEANERS AND REPAIRERS

H41 **ASHENFELTER F D** **EDR Hist Auto** **1009093568**
East **1108 N LOS ANGELES ST** **N/A**
< 1/8 **ORANGE COUNTY, CA**
0.104 mi.
548 ft. **Site 1 of 5 in cluster H**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
240 ft. 1930 ASHENFELTER F D AUTO REPAIRING

I42 **PETERSON G A** **EDR Hist Cleaner** **1009189328**
SW **115 W PICO BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.105 mi.
555 ft. **Site 1 of 6 in cluster I**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
237 ft. 1929 PETERSON G A CLOTHES PRESSERS CLEANERS AND REPAIRERS
1929 PETERSON G A CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933 PETERSON G A CLOTHES PRESSERS AND CLEANERS

J43 **FOWLER L D** **EDR Hist Auto** **1009081697**
NW **1129 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.106 mi.
559 ft. **Site 1 of 4 in cluster J**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
244 ft. 1937 FOWLER L D GASOLINE AND OIL SERVICE STATIONS

J44 **KELLEY BROS** **EDR Hist Auto** **1009082564**
NW **1127 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.109 mi.
576 ft. **Site 2 of 4 in cluster J**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
245 ft. 1937 KELLEY BROS AUTOMOBILE REPAIRING

K45 **TRANSAMERICA REALTY SERVICES** **SWEEPS UST** **S101584268**
WNW **150 W 12TH ST** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.110 mi.
580 ft. **Site 1 of 5 in cluster K**

Relative: SWEEPS UST:
Higher

Actual:
242 ft.

Status:	Not reported
Comp Number:	7466
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported

TRANSAMERICA REALTY SERVICES (Continued) **S101584268**

Number Of Tanks: 0

CA FID UST:
Facility ID: 19010041
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 150 W 12TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

E46 **ASSOCIATED PRESS** **RCRA-SQG 1000327991**
NNW **1111 S HILL ST** **FINDS CAD982522054**
< 1/8 **LOS ANGELES, CA 90015** **ECHO**
0.111 mi.
586 ft. **Site 9 of 9 in cluster E**

Relative:
Higher

Actual:
245 ft.

RCRA-SQG:
Date form received by agency: 11/27/1989
Facility name: ASSOCIATED PRESS
Facility address: 1111 S HILL ST
LOS ANGELES, CA 90015
EPA ID: CAD982522054
Contact: ENVIRONMENTAL MANAGER
Contact address: 1111 S HILL ST
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: 213-746-1200
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ASSOCIATED PRESS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

ASSOCIATED PRESS (Continued) **1000327991**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002841051

Environmental Interest/Information System
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000327991
Registry ID: 110002841051
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002841051

H47 **BECKER CHESROWN** **EDR Hist Auto** **1009079225**
East **1100 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.112 mi.
592 ft. **Site 2 of 5 in cluster H**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
240 ft. 1924 BECKER CHESROWN AUTOMOBILE SERVICE STATIONS
1933 GIBSON T M GASOLINE AND OIL SERVICE STATIONS
1937 GIBSON T M GASOLINE AND OIL SERVICE STATIONS
1942 MAHAN G W GASOLINE AND OIL SERVICE STATIONS

K48 **SKLAR ISEDORE** **EDR Hist Cleaner** **1009189552**
WNW **159 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.112 mi.
594 ft. **Site 2 of 5 in cluster K**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
243 ft. 1929 SKLAR ISEDORE CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933 SKLAR ISAAC CLOTHES PRESSERS AND CLEANERS

K49 **MORWAY STEPH** **EDR Hist Auto** **1009079434**
WNW **217 W 12TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.113 mi.
595 ft. **Site 3 of 5 in cluster K**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
243 ft. 1933 MORWAY STEPH AUTOMOBILE REPAIRING

H50 **GIBSON T M** **EDR Hist Auto** **1009078548**
East **100 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.114 mi.
600 ft. **Site 3 of 5 in cluster H**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
240 ft. 1929 GIBSON T M GASOLINE AND OIL SERVICE STATION

K51 **EKLUND FRANK** **EDR Hist Auto** **1009081401**
West **1216 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.114 mi.
601 ft. **Site 4 of 5 in cluster K**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
241 ft. 1933 EKLUND FRANK AUTOMOBILE REPAIRING

K52 **SIMONIN RENE** **EDR Hist Auto** **1009081752**
West **1207 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.116 mi.
615 ft. **Site 5 of 5 in cluster K**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
242 ft. 1933 KEMP B V AUTOMOBILE REPAIRING
1933 SIMONIN RENE AUTOMOBILE REPAIRING
1942 KEMP B V AUTOMOBILE REPAIRING

H53 **KELLEY BROS** **EDR Hist Auto** **1009080493**
ENE **1041 S LOS ANGELES ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.119 mi.
628 ft. **Site 4 of 5 in cluster H**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
241 ft. 1924 KELLEY BROS AUTOMOBILE REPAIRING

I54 **DUNCAN ZACHARY** **EDR Hist Auto** **1009076891**
SW **118 W PICO BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.119 mi.
630 ft. **Site 2 of 6 in cluster I**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
236 ft. 1924 DUNCAN ZACHARY AUTOMOBILE REPAIRING

I55 **CALIFORNIA CYLINDER INLAY CO INC** **EDR Hist Auto** **1009077229**
SW **114 W PICO BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.123 mi.
652 ft. **Site 3 of 6 in cluster I**

Relative: EDR Hist Auto
Lower

Actual:
236 ft.

Year:	Name:	Type:
1924	CALIFORNIA CYLINDER INLAY CO IN	AUTOMOBILE REPAIRING
1929	HILLEGAS E K	AUTOMOBILE REPAIRING AND SERVICE STATIONS

I56 **POPHAM H H** **EDR Hist Auto** **1009078103**
WSW **147 W PICO BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.124 mi.
653 ft. **Site 4 of 6 in cluster I**

Relative: EDR Hist Auto
Lower

Actual:
237 ft.

Year:	Name:	Type:
1924	POPHAM H H	AUTOMOBILE REPAIRING
1933	BARNES R E	AUTOMOBILE REPAIRING

L57 **PHELEN FRANK** **EDR Hist Auto** **1009078040**
North **1050 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.124 mi.
653 ft. **Site 1 of 2 in cluster L**

Relative: EDR Hist Auto
Higher

Actual:
246 ft.

Year:	Name:	Type:
1924	PHELEN FRANK	AUTOMOBILE REPAIRING

M58 **TRANSAMERICA OCCIDENTAL LIFE** **SWEEPS UST** **S101588213**
WSW **150 W PICO BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.131 mi.
694 ft. **Site 1 of 4 in cluster M**

Relative: SWEEPS UST:
Lower

Actual:
237 ft.

Status:	Not reported
Comp Number:	7184
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported

TRANSAMERICA OCCIDENTAL LIFE (Continued) **S101588213**

Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19056453
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 150 W PICO BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

J59 **TRANSAMERICA CORP.** **UST** **U003880022**
WNW **1149 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.136 mi.
716 ft. **Site 3 of 4 in cluster J**

Relative: UST:
Higher Facility ID: 24768
Actual: Permitting Agency: LOS ANGELES, CITY OF
244 ft. Latitude: 34.0406283
Longitude: -118.2597308

J60 **OCCUPANT** **SWEEPS UST** **S101585711**
WNW **1149 S HILL ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **WIP**
0.136 mi.
716 ft. **Site 4 of 4 in cluster J**

Relative: SWEEPS UST:
Higher Status: Active
Actual: Comp Number: 6072
244 ft. Number: 9
Board Of Equalization: Not reported
Referral Date: 03-10-93
Action Date: 03-10-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

OCCUPANT (Continued) **S101585711**

CA FID UST:
Facility ID: 19027841
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137422671
Mail To: Not reported
Mailing Address: 1149 S HILL ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

WIP:
Region: 4
File Number: 108.0100
File Status: Not reported
Staff: UNIDENTIFIED
Facility Suite: Not reported

I61 **STANDARD BRANDS PAINT - #1** **SWEEPS UST** **S101617175**
SW **124 W PICO BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.139 mi.
735 ft. **Site 5 of 6 in cluster I**

Relative:
Lower

Actual:
236 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 1062
Number: Not reported
Board Of Equalization: 44-011553
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001062-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: 1

CA FID UST:
Facility ID: 19054204
Regulated By: UTNKI
Regulated ID: 00016999
Cortese Code: Not reported
SIC Code: Not reported

STANDARD BRANDS PAINT - #1 (Continued) **S101617175**

Facility Phone: 2137482933
Mail To: Not reported
Mailing Address: 4300 W 190TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

I62 **STANDARD BRANDS PAINT - 1** **HIST UST** **U001560631**
SW **124 W PICO BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.139 mi.
735 ft. **Site 6 of 6 in cluster I**

Relative: HIST UST:
Lower
File Number: 0002880B
Actual: URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002880B.pdf
236 ft. Region: STATE
Facility ID: 00000016999
Facility Type: Other
Other Type: RETAIL PAINT
Contact Name: WILLIE MENDOZA
Telephone: 2137482933
Owner Name: STANDARD BRANDS PAINT COMPANY
Owner Address: TORRANCE
Owner City,St,Zip: TORRANCE, CA 90509
Total Tanks: 0001

Tank Num: 001
Container Num: SBP-001-1
Year Installed: 1969
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 3/8
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

H63 **M KRADIN INC** **RCRA-SQG** **1000352906**
ESE **224 E 11TH ST** **FINDS** **CAD981368673**
1/8-1/4 **LOS ANGELES, CA 90015** **ECHO**
0.149 mi.
785 ft. **Site 5 of 5 in cluster H**

Relative: RCRA-SQG:
Lower
Date form received by agency: 01/22/1986
Actual: Facility name: M KRADIN INC
239 ft. Facility address: 224 E 11TH ST
LOS ANGELES, CA 90015
EPA ID: CAD981368673

M KRADIN INC (Continued) **1000352906**

Mailing address: E 11TH ST
LOS ANGELES, CA 90015
Contact: ENVIRONMENTAL MANAGER
Contact address: 224 E 11TH ST
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: 213-748-8496
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: KRADIN MARTIN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

M KRADIN INC (Continued) **1000352906**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002682721

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000352906
Registry ID: 110002682721
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002682721

N64 **TRANSAMERICA OCCIDENTAL/ATT** **UST** **U004264402**
NW **1150 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.165 mi.
869 ft. **Site 1 of 5 in cluster N**

Relative: **Higher**
Actual: **244 ft.**

UST:
Facility ID: FA0033990
Permitting Agency: Los Angeles City Fire Department
Latitude: 34.03977
Longitude: -118.26184

N65 **TRANSAMERICA OCCIDENTAL** **SWEEPS UST** **S101585150**
NW **1150 S OLIVE ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **EMI**
0.165 mi.
869 ft. **Site 2 of 5 in cluster N**

Relative: **Higher**
Actual: **244 ft.**

SWEEPS UST:
Status: Active
Comp Number: 5211
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-05-93
Action Date: 04-05-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported

TRANSAMERICA OCCIDENTAL (Continued) **S101585150**

Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19020393
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137422671
Mail To: Not reported
Mailing Address: 1150 S OLIVE ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 74186
Air District Name: SC
SIC Code: 6311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 74186
Air District Name: SC
SIC Code: 6311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

TRANSAMERICA OCCIDENTAL (Continued) **S101585150**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

M66 **NASCO PETROLEUM LLC** **RCRA-SQG** **1016452950**
SW **1325 S BROADWAY** **FINDS** **CAR000243162**
1/8-1/4 **LOS ANGELES, CA 90015** **ECHO**
0.166 mi.
879 ft. **Site 2 of 4 in cluster M**

Relative:
Lower

Actual:
235 ft.

RCRA-SQG:
Date form received by agency: 12/03/2013
Facility name: NASCO PETROLEUM LLC
Facility address: 1325 S BROADWAY
LOS ANGELES, CA 90015
EPA ID: CAR000243162
Contact: JIM L SLINKARD
Contact address: 1325 S BROADWAY
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: 213-748-3420
Contact email: JSLINKARD@NASCOPETROLEUM.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DELCO PETROLEUM CALIFORNIA LLC
Owner/operator address: 25431 CABOT RD STE 107
LAGUNA HILLS, CA 92653
Owner/operator country: US
Owner/operator telephone: 949-461-5210
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/2013
Owner/Op end date: Not reported

Owner/operator name: NASCO PETROLEUM LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/01/2013
Owner/Op end date: Not reported

NASCO PETROLEUM LLC (Continued) **1016452950**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 241
. Waste name: Tank bottom waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 341
. Waste name: Organic liquids (nonsolvents) with halogens

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

NASCO PETROLEUM LLC (Continued) **1016452950**

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110056511163

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016452950
Registry ID: 110056511163
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056511163

M67 **AST** **A100344485**
SW **1325 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.166 mi.
879 ft. **Site 3 of 4 in cluster M**

Relative: **Lower**
Actual: **235 ft.**

AST:
Certified Unified Program Agencies: City of Los Angeles
Owner: ST. JAMES OIL CORP.
Total Gallons: 10,500
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported

(Continued) **A100344485**

Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

Certified Unified Program Agencies:	City of Los Angeles
Owner:	ST. JAMES OIL CORP.
Total Gallons:	10,500
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

Certified Unified Program Agencies:	City of Los Angeles
Owner:	ST. JAMES OIL CORP.
Total Gallons:	10,500
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported

(Continued) **A100344485**

Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

M68 **NASCO PETROLUEM, LLC** **AST** **A100422619**
SW **1325 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.166 mi.
879 ft. **Site 4 of 4 in cluster M**

Relative: AST:
Lower

Actual:
235 ft.

Certified Unified Program Agencies:	Not reported
Owner:	Aziz Delrahim
Total Gallons:	Not reported
CERSID:	10621567
Facility ID:	Not reported
Business Name:	Nasco Petroluem, LLC
Phone:	949-461-5210
Fax:	888-749-4999
Mailing Address:	1325 S. Broadway
Mailing Address City:	Los Angeles
Mailing Address State:	CA
Mailing Address Zip Code:	90015
Operator Name:	Nasco Petroleum, LLC
Operator Phone:	949-461-5210
Owner Phone:	213-748-3420
Owner Mail Address:	1325 S Broadway
Owner State:	CA
Owner Zip Code:	90015
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	1325 S Broadway
Property Owner City:	Los Angeles
Property Owner Stat :	CA
Property Owner Zip Code:	90015
Property Owner Country:	United States
EPAID:	CAR000243162

L69 **MARK GABAY** **SWEEPS UST** **S101583946**
North **1022 S HILL ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.173 mi.
914 ft. **Site 2 of 2 in cluster L**

Relative: **Higher**

Actual: **248 ft.**

SWEEPS UST:

Status:	Not reported
Comp Number:	6349
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19007503
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2136594409
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

O70 **DISTRIBUTING STATION 34** **RCRA-LQG** **1014386587**
East **1027 SANTEE STREET** **CAC002645916**
1/8-1/4 **LOS ANGELES, CA 90015**
0.182 mi.
963 ft. **Site 1 of 2 in cluster O**

Relative: **Lower**

Actual: **239 ft.**

RCRA-LQG:

Date form received by agency:	06/09/2010
Facility name:	DISTRIBUTING STATION 34
Facility address:	1027 SANTEE STREET LOS ANGELES, CA 90015
EPA ID:	CAC002645916
Mailing address:	111 NORTH HOPE STREET ROOM 1050 111 NORTH HOPE STREET, CA 90012
Contact:	MARK J SEDLACEK

DISTRIBUTING STATION 34 (Continued) **1014386587**

Contact address: 111 NORTH HOPE STREET ROOM 1050
LOS ANGELES, CA 90012
Contact country: US
Contact telephone: 213-367-0403
Contact email: MARK J. SEDLACEK
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: LA DEPT. OF WATER & POWER
Owner/operator address: 111 NORTH HOPE STREET ROOM 1050
LOS ANGELES, CA 90012
Owner/operator country: US
Owner/operator telephone: 213-367-0403
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1937
Owner/Op end date: Not reported

Owner/operator name: MARK J. SEDLACEK
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1937
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

DISTRIBUTING STATION 34 (Continued) **1014386587**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	352
. Waste name:	Other organic solids

. Waste code:	D008
. Waste name:	LEAD

Violation Status: No violations found

O71 **DISTRIBUTING STATION 34** **AST** **A100419463**
East **1027 SANTEE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.182 mi.
963 ft. **Site 2 of 2 in cluster O**

Relative: AST:
Lower

Actual:
239 ft.

Certified Unified Program Agencies:	Not reported
Owner:	Los Angeles Department of Water and Power
Total Gallons:	Not reported
CERSID:	10030129
Facility ID:	19-051-017003
Business Name:	Los Angeles Department of Water and Power
Phone:	213-367-0403
Fax:	Not reported
Mailing Address:	111 N. Hope St. Room 1050
Mailing Address City:	Los Angeles
Mailing Address State:	CA
Mailing Address Zip Code:	90012
Operator Name:	Los Angeles Department of Water and Power
Operator Phone:	213-367-0403
Owner Phone:	213-367-0403
Owner Mail Address:	111 N. Hope St. Room 1050
Owner State:	CA
Owner Zip Code:	90012
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

N72 **TRANSAMERICA CENTER/GARAGE** **UST** **U003880021**
NW **1133 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.184 mi.
969 ft. **Site 3 of 5 in cluster N**

Relative:
Higher

Actual:
245 ft.

UST:

Facility ID:	FA0033208
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.04014
Longitude:	-118.26163
Facility ID:	24766
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0413454
Longitude:	-118.2606204
Facility ID:	FA0033208
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.04014
Longitude:	-118.26163

N73 **SERVICE STATION 2686** **HIST UST** **U001560630**
NW **1133 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.184 mi.
969 ft. **Site 4 of 5 in cluster N**

Relative:
Higher

Actual:
245 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000007907
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	OCCIDENTAL LIFE INS.
Telephone:	0000000000
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0002
Tank Num:	001
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

N74 **TRANSAMERICA OCCIDENTAL** **SWEEPS UST** **S101586091**
NW **1133 S OLIVE ST** **HIST UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **CA FID UST**
0.184 mi.
969 ft. **Site 5 of 5 in cluster N**

Relative:
Higher

Actual:
245 ft.

SWEEPS UST:

Status:	Active
Comp Number:	6073
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-05-93
Action Date:	03-05-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

File Number:	000290A6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000290A6.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19038113
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137422671
Mail To:	Not reported
Mailing Address:	1133 S OLIVE ST

TRANSAMERICA OCCIDENTAL (Continued) **S101586091**

Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

P75 **GRAVITY ACTIVEWEAR INC** **RCRA-SQG** **1000819637**
SSW **1333 S MAIN** **FINDS** **CAD983656315**
1/8-1/4 **LOS ANGELES, CA 90015** **ECHO**
0.187 mi.
985 ft. **Site 1 of 2 in cluster P**

Relative:
Lower

Actual:
233 ft.

RCRA-SQG:
Date form received by agency: 01/04/1993
Facility name: GRAVITY ACTIVEWEAR INC
Facility address: 1333 S MAIN
LOS ANGELES, CA 90015
EPA ID: CAD983656315
Mailing address: S MAIN
LOS ANGELES, CA 90015
Contact: MICHAEL CHANG
Contact address: 1333 S MAIN
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: 213-231-1354
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: GRAVITY ACTIVEWEAR INC
Owner/operator address: 1333 S MAIN
LOS ANGELES, CA 90015
Owner/operator country: Not reported
Owner/operator telephone: 213-231-1354
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

GRAVITY ACTIVEWEAR INC (Continued) **1000819637**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002890284

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000819637
Registry ID:	110002890284
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002890284

P76 **AST** **A100344494**
SW **1350 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.204 mi.
1077 ft. **Site 2 of 2 in cluster P**

Relative: AST:
Lower

Actual: Certified Unified Program Agencies:	City of Los Angeles
233 ft. Owner:	CONOCO/PHILIPS PIPELINES
Total Gallons:	4,751,124
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported

(Continued) **A100344494**

Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

77
South
1/8-1/4
0.216 mi.
1142 ft.

GORDON H JACK INC
1330 SO LOS ANGELES ST
LOS ANGELES, CA 90015

RCRA NonGen / NLR
FINDS
ECHO

1000191105
CAD990842619

Relative:
Lower

Actual:
232 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/27/1980
Facility name:	GORDON H JACK INC
Facility address:	1330 SO LOS ANGELES ST LOS ANGELES, CA 90015
EPA ID:	CAD990842619
Mailing address:	SO LOS ANGELES ST LOS ANGELES, CA 90015
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1330 SO LOS ANGELES ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-742-6999
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GORDON JACK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

GORDON H JACK INC (Continued) **1000191105**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002903939

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000191105
Registry ID: 110002903939
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002903939

78
SW
1/8-1/4
0.228 mi.
1204 ft.

BECK DAVE & CO INC **RCRA-SQG** **1000266324**
1360 S BROADWAY **FINDS** **CAD028457216**
LOS ANGELES, CA 90015 **ECHO**

Relative:
Lower

Actual:
232 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: BECK DAVE & CO INC
Facility address: 1360 S BROADWAY
LOS ANGELES, CA 90015

BECK DAVE & CO INC (Continued) **1000266324**

EPA ID:	CAD028457216
Mailing address:	S BROADWAY
	LOS ANGELES, CA 90015
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BECK PAUL R
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

BECK DAVE & CO INC (Continued) **1000266324**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002640526

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000266324
Registry ID: 110002640526
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002640526

Q79 **CR AND A CUSTOM INC** **RCRA-SQG** **1014387070**
West **312 W PICO BLVD** **HAZNET** **CAR000205021**
1/8-1/4 **LOS ANGELES, CA 90015**
0.233 mi.
1232 ft. **Site 1 of 2 in cluster Q**

Relative:
Lower

Actual:
238 ft.

RCRA-SQG:
Date form received by agency: 02/09/2010
Facility name: CR AND A CUSTOM INC
Facility address: 312 W PICO BLVD
LOS ANGELES, CA 90015
EPA ID: CAR000205021
Contact: MASOUD RAD
Contact address: 312 W PICO BLVD
LOS ANGELES, CA 90015
Contact country: US
Contact telephone: 213-749-4440
Contact email: MASOUD@CRACUSTOM.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MASOUD RAD
Owner/operator address: Not reported

CR AND A CUSTOM INC (Continued) **1014387070**

Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/01/1993
Owner/Op end date: Not reported

Owner/operator name: MASOUD RAD
Owner/operator address: 312 W PICO BLVD
LOS ANGELES, CA 90015
Owner/operator country: US
Owner/operator telephone: 213-749-4440
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1993
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

HAZNET:
envid: 1014387070
Year: 2014
GEPAID: CAR000205021
Contact: MASOUD RAD

CR AND A CUSTOM INC (Continued) **1014387070**

Telephone:	2137494440
Mailing Name:	Not reported
Mailing Address:	312 W PICO BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.594
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	1014387070
Year:	2013
GEPAID:	CAR000205021
Contact:	MASOUD RAD
Telephone:	2137494440
Mailing Name:	Not reported
Mailing Address:	312 W PICO BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.9
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	1014387070
Year:	2011
GEPAID:	CAR000205021
Contact:	MASOUD RAD
Telephone:	2137494440
Mailing Name:	Not reported
Mailing Address:	312 W PICO BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.792
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	1014387070
Year:	2010
GEPAID:	CAR000205021
Contact:	MASOUD RAD
Telephone:	2137494440
Mailing Name:	Not reported
Mailing Address:	312 W PICO BLVD

CR AND A CUSTOM INC (Continued) **1014387070**

Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles
envid:	1014387070
Year:	2010
GEPAID:	CAR000205021
Contact:	MASOUD RAD
Telephone:	2137494440
Mailing Name:	Not reported
Mailing Address:	312 W PICO BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.231
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

Q80 **THE FEIT CO** **AST** **A100425227**
West **1325 S OLIVE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.242 mi.
1279 ft. **Site 2 of 2 in cluster Q**

Relative: AST:
Lower

Actual:
236 ft.

Certified Unified Program Agencies:	Not reported
Owner:	FEIT, HAROLD
Total Gallons:	Not reported
CERSID:	10259980
Facility ID:	Not reported
Business Name:	THE FEIT CO
Phone:	(213) 747-9383
Fax:	213-748-7178
Mailing Address:	1325 S OLIVE ST
Mailing Address City:	LOS ANGELES
Mailing Address State:	CA
Mailing Address Zip Code:	90015
Operator Name:	Harold Feit
Operator Phone:	310-963-3348
Owner Phone:	213-747-9383
Owner Mail Address:	1325 S OLIVE ST
Owner State:	CA

THE FEIT CO (Continued) **A100425227**

Owner Zip Code:	90015
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

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81 **GOODYEAR SERVICE CENTER 9265** **HIST UST** **U001560614**
NNE **940 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.243 mi.
1282 ft.

Relative: **Higher**
Actual: **252 ft.**

HIST UST:

File Number:	00026C0B
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026C0B.pdf
Region:	STATE
Facility ID:	00000029515
Facility Type:	Other
Other Type:	AUTO REPAIR CENTER
Contact Name:	RALPH MESCHKAT
Telephone:	2136239121
Owner Name:	GOODYEAR TIRE & RUBBER
Owner Address:	1146 E. MARKET ST.
Owner City,St,Zip:	AKRON, OH 44316
Total Tanks:	0001
Tank Num:	001
Container Num:	#0001
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

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82 **LA DEPARTMENT WATER & POWER** **LUST** **1008152274**
SSE **1324 S WALL ST** **FINDS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.323 mi.
1705 ft.

Relative: **Lower**
Actual: **232 ft.**

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603790000
Global Id:	T0603790000
Latitude:	34.033546
Longitude:	-118.256986
Status:	Open - Site Assessment

LA DEPARTMENT WATER & POWER (Continued) **1008152274**

Status Date: 08/22/2007
Case Worker: JC
RB Case Number: 900150152
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: TTXS0000740
Potential Media Affect: Soil
Potential Contaminants of Concern: Xylene, Toluene
Site History: Not reported

LUST:
Global Id: T0603790000
Contact Type: Regional Board Caseworker
Contact Name: JOSHUA CWIKLA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th Street, Suite 200
City: LOS ANGELES
Email: joshua.cwikla@waterboards.ca.gov
Phone Number: 2135766713

Global Id: T0603790000
Contact Type: Local Agency Caseworker
Contact Name: PATRICK KILLIAN
Organization Name: LOS ANGELES, CITY OF
Address: 221 N FIGUEROA ST STE 1500
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826527

LUST:
Global Id: T0603790000
Action Type: RESPONSE
Date: 08/15/2015
Action: Soil and Water Investigation Workplan

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 04/04/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 01/22/1991
Action: Technical Correspondence / Assistance / Other - #1

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 08/20/2007
Action: Staff Letter - #1

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 04/11/1991
Action: Staff Letter - #1

Global Id: T0603790000
Action Type: ENFORCEMENT

LA DEPARTMENT WATER & POWER (Continued) **1008152274**

Date: 07/20/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603790000
Action Type: Other
Date: 12/03/1990
Action: Leak Discovery

Global Id: T0603790000
Action Type: RESPONSE
Date: 08/15/2015
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 12/29/2017
Action: Notification - Preclosure

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 04/04/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 06/17/2015
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 03/30/2015
Action: Staff Letter

Global Id: T0603790000
Action Type: RESPONSE
Date: 07/13/2017
Action: Correspondence - Regulator Responded

Global Id: T0603790000
Action Type: RESPONSE
Date: 08/29/1990
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 03/18/2015
Action: Referral to Regional Board

Global Id: T0603790000
Action Type: Other
Date: 03/07/1991
Action: Leak Reported

Global Id: T0603790000
Action Type: ENFORCEMENT
Date: 04/11/1991
Action: Letter - Notice - #1

LA DEPARTMENT WATER & POWER (Continued) **1008152274**

Global Id: T0603790000
Action Type: RESPONSE
Date: 06/05/2018
Action: Well Destruction Report

Global Id: T0603790000
Action Type: RESPONSE
Date: 10/15/2017
Action: Soil and Water Investigation Report

LUST:
Global Id: T0603790000
Status: Open - Case Begin Date
Status Date: 12/03/1990

Global Id: T0603790000
Status: Open - Site Assessment
Status Date: 08/22/2007

FINDS:

Registry ID: 110018945784

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

83
NNW
1/4-1/2
0.325 mi.
1714 ft.

SHELL SERVICE STATION **LUST** **S108087193**
504 OLYMPIC BLVD. W. **N/A**
LOS ANGELES, CA 90015

Relative:
Higher

Actual:
252 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603789214
Global Id: T0603789214
Latitude: 34.0429341987085
Longitude: -118.261127471924
Status: Completed - Case Closed
Status Date: 07/15/2013
Case Worker: MT
RB Case Number: 900150125
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: 30517
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History: Not reported

SHELL SERVICE STATION (Continued) **S108087193**

LUST:
Global Id: T0603789214
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603789214
Contact Type: Regional Board Caseworker
Contact Name: MARYAM TAIDY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: mtaidy@waterboards.ca.gov
Phone Number: 2135766741

LUST:
Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: Other
Date: 02/07/2005
Action: Leak Discovery

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 08/31/2006
Action: Other Report / Document

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214

SHELL SERVICE STATION (Continued) **S108087193**

Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 06/30/2011
Action: Site Assessment Report

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/22/2009
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/10/2008
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 05/07/2013
Action: Notification - Preclosure

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 07/15/2013
Action: Closure/No Further Action Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/07/2011
Action: Soil and Water Investigation Report

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 11/15/2013
Action: Well Destruction Report

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 06/15/2009

SHELL SERVICE STATION (Continued) **S108087193**

Action: Staff Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 12/28/2012
Action: Request for Closure - Regulator Responded

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: Other
Date: 02/28/2005
Action: Leak Reported

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/07/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 07/28/2006
Action: Staff Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

SHELL SERVICE STATION (Continued) **S108087193**

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/06/2007
Action: Tank Removal Report / UST Sampling Report

LUST:
Global Id: T0603789214
Status: Completed - Case Closed
Status Date: 07/15/2013

Global Id: T0603789214
Status: Open - Case Begin Date
Status Date: 02/07/2005

Global Id: T0603789214
Status: Open - Eligible for Closure
Status Date: 01/09/2013

Global Id: T0603789214
Status: Open - Site Assessment
Status Date: 02/07/2005

Global Id: T0603789214
Status: Open - Site Assessment
Status Date: 01/10/2008

R84 **CAL ST, GEN SERV DEPT** **LUST S106827687**
SW **1525 S BROADWAY** **EMI N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.340 mi.
1794 ft. **Site 1 of 2 in cluster R**

Relative:
Lower

Actual:
230 ft.

LUST:
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603735696
Global Id: T0603735696
Latitude: 33.9777821
Longitude: -118.2783035
Status: Completed - Case Closed
Status Date: 10/14/2011
Case Worker: EL
RB Case Number: Not reported
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: XS0000065
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603735696

CAL ST, GEN SERV DEPT (Continued) **S106827687**

Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603735696
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603735696
Action Type: ENFORCEMENT
Date: 10/14/2011
Action: Closure/No Further Action Letter

Global Id: T0603735696
Action Type: Other
Date: 10/05/2005
Action: Leak Reported

Global Id: T0603735696
Action Type: Other
Date: 03/10/1993
Action: Leak Discovery

LUST:
Global Id: T0603735696
Status: Completed - Case Closed
Status Date: 10/14/2011

Global Id: T0603735696
Status: Open - Case Begin Date
Status Date: 03/13/1989

Global Id: T0603735696
Status: Open - Remediation
Status Date: 11/18/1993

Global Id: T0603735696
Status: Open - Site Assessment
Status Date: 03/13/1989

Global Id: T0603735696
Status: Open - Site Assessment
Status Date: 08/04/1993

Global Id: T0603735696
Status: Open - Site Assessment

CAL ST, GEN SERV DEPT (Continued) **S106827687**

Status Date: 09/07/2005

EMI:

Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	7077
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	7077
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

85
WSW
1/4-1/2
0.378 mi.
1998 ft.

CITY OF LOS ANGELES - MERCY HOUSING PROJECT **CPS-SLIC** **S106386932**
1450 GRAND **N/A**
LOS ANGELES, CA 90245

Relative:
Lower

Actual:
232 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/12/2011
Global Id:	SLT4L1501772
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0359018301402
Longitude:	-118.265762329102
Case Type:	Cleanup Program Site
Case Worker:	DY
Local Agency:	Not reported
RB Case Number:	0150

CITY OF LOS ANGELES - MERCY HOUSING PROJECT (Continued) **S106386932**

File Location: Regional Board
Potential Media Affected: Indoor Air, Soil, Soil Vapor
Potential Contaminants of Concern: Benzene, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Toluene, Trichloroethylene (TCE), Xylene
Site History: The subject site (Site) was a former machine shop, then used as a parking lot from the 1990s-2002. PCE was encountered in soil and soil gas mostly in area of the former machine shop, however lower concentrations of benzene, toluene, ethylbenzene, and xylenes were also detected at the Site. Soil excavation was completed at the Site in 2004 and a sub-slab vapor barrier and passive ventilation system were installed when the Site was redeveloped as Grand Avenue affordable housing in 2005-2006. The Site has completed 1 year of indoor air and sub-slab monitoring. The Site received a No Further Action letter on May 12, 2011. COCs: Primarily chlorinated solvents, minor BTEX Status: Soil excavation completed, sub-slab vapor barrier and passive vent sys installed, site completed 1 yr of indoor air and sub slab mon. Ready for Closure Review HHRA: Submitted and reviewed/approved by OEHHA Env Cov: No Env Just: No? Low income housing?

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:
Region: 4
Facility Status: Site Assessment
SLIC: 0150
Substance: VOCs
Staff: DY

86
NW
1/4-1/2
0.385 mi.
2033 ft.

PROPERTY UNDER CONSTRUCTION **LUST** **S106915902**
1050-1070 FLOWER ST. S. **N/A**
LOS ANGELES, CA 90015

Relative: Higher

Actual: 247 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603519348
Global Id: T0603519348
Latitude: 34.043664
Longitude: -118.263497
Status: Completed - Case Closed
Status Date: 03/09/2007
Case Worker: CET
RB Case Number: 900150107
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: 35569
Potential Media Affect: Soil
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Not reported

LUST:
Global Id: T0603519348
Contact Type: Regional Board Caseworker
Contact Name: CHANDRA TYLER
Organization Name: LOS ANGELES RWQCB (REGION 4)

PROPERTY UNDER CONSTRUCTION (Continued) **S106915902**

Address: Not reported
City: R4 UNKNOWN
Email: cetyler@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603519348
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

LUST:
Global Id: T0603519348
Action Type: REMEDIATION
Date: 12/02/2003
Action: Excavation

Global Id: T0603519348
Action Type: Other
Date: 09/17/2004
Action: Leak Reported

Global Id: T0603519348
Action Type: ENFORCEMENT
Date: 03/09/2007
Action: Closure/No Further Action Letter

Global Id: T0603519348
Action Type: Other
Date: 12/02/2003
Action: Leak Discovery

Global Id: T0603519348
Action Type: RESPONSE
Date: 02/11/2005
Action: Other Report / Document

Global Id: T0603519348
Action Type: ENFORCEMENT
Date: 01/11/2005
Action: Staff Letter

Global Id: T0603519348
Action Type: ENFORCEMENT
Date: 03/06/2007
Action: Site Visit / Inspection / Sampling

LUST:
Global Id: T0603519348
Status: Completed - Case Closed
Status Date: 03/09/2007

Global Id: T0603519348

PROPERTY UNDER CONSTRUCTION (Continued) **S106915902**

Status: Open - Case Begin Date
Status Date: 12/02/2003

Global Id: T0603519348
Status: Open - Site Assessment
Status Date: 12/02/2003

Global Id: T0603519348
Status: Open - Site Assessment
Status Date: 09/17/2004

R87 **MOBIL #11-H3K** **LUST** **S104406279**
SW **1600 HILL ST S** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.390 mi.
2060 ft. **Site 2 of 2 in cluster R**

Relative: **Lower**

Actual: **229 ft.**

LUST:
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700552
Global Id: T0603700552
Latitude: 34.034365
Longitude: -118.264466
Status: Completed - Case Closed
Status Date: 06/22/1992
Case Worker: WR
RB Case Number: 900150098
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700552
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

Global Id: T0603700552
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700552
Action Type: Other

MOBIL #11-H3K (Continued) **S104406279**

Date: 10/08/1987
Action: Leak Discovery

Global Id: T0603700552
Action Type: Other
Date: 10/08/1987
Action: Leak Stopped

Global Id: T0603700552
Action Type: Other
Date: 10/15/1987
Action: Leak Reported

LUST:
Global Id: T0603700552
Status: Completed - Case Closed
Status Date: 06/22/1992

Global Id: T0603700552
Status: Open - Case Begin Date
Status Date: 10/08/1987

Global Id: T0603700552
Status: Open - Site Assessment
Status Date: 10/15/1987

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900150098
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: EDET
Global ID: T0603700552
W Global ID: W0605100582
Staff: UNK
Local Agency: 19050
Cross Street: 16TH
Enforcement Type: Not reported
Date Leak Discovered: 10/8/1987
Date Leak First Reported: 10/15/1987
Date Leak Record Entered: 11/11/1987
Date Confirmation Began: Not reported
Date Leak Stopped: 10/8/1987
Date Case Last Changed on Database: 6/22/1992
Date the Case was Closed: 6/22/1992
How Leak Discovered: Tank Test
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: WEBER, WAYNE R.

MOBIL #11-H3K (Continued) **S104406279**

Water System:	YMCA CAMP OF LOS ANGELES 2
Well Name:	Not reported
Approx. Dist To Production Well (ft):	6350.767881087524125235813042 5
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	10/15/1987
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MOBIL OIL CORP
RP Address:	3800 W ALAMEDA AVE, #700, BURBANK, CA 91505
Program:	LUST
Lat/Long:	34.0346047 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	2600582-001GEN
Summary:	Not reported

88
NW
1/4-1/2
0.413 mi.
2181 ft.

ARCO #5033 **LUST** **S109117550**
1151 S FLOWER ST **N/A**
LOS ANGELES, CA

Relative: Higher

Actual: 243 ft.

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603708034
Global Id:	T0603708034
Latitude:	34.042115
Longitude:	-118.265642
Status:	Completed - Case Closed
Status Date:	04/09/2013
Case Worker:	EL
RB Case Number:	Not reported
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	XS0001146
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603708034
Contact Type:	Local Agency Caseworker

ARCO #5033 (Continued) **S109117550**

Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603708034
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603708034
Action Type: Other
Date: 08/31/1995
Action: Leak Discovery

Global Id: T0603708034
Action Type: Other
Date: 11/07/1995
Action: Leak Reported

Global Id: T0603708034
Action Type: ENFORCEMENT
Date: 04/09/2013
Action: Closure/No Further Action Letter

LUST:
Global Id: T0603708034
Status: Completed - Case Closed
Status Date: 04/09/2013

Global Id: T0603708034
Status: Open - Case Begin Date
Status Date: 08/31/1995

Global Id: T0603708034
Status: Open - Site Assessment
Status Date: 11/07/1995

Global Id: T0603708034
Status: Open - Site Assessment
Status Date: 01/17/1996

Global Id: T0603708034
Status: Open - Site Assessment
Status Date: 05/20/1996

Global Id: T0603708034
Status: Open - Verification Monitoring
Status Date: 06/03/1996

89
SSW
1/4-1/2
0.425 mi.
2246 ft.

G & P RECYCLING CENTER
110 E 17TH ST
LOS ANGELES, CA 90015

SWRCY **S116682506**
N/A

Relative:
Lower

Actual:
228 ft.

SWRCY:

Reg Id:	203217
Cert Id:	RC203217.001
Mailing Address:	5425 W 64th St
Mailing City:	Los Angeles
Mailing State:	CA
Mailing Zip Code:	90056
Website:	Not reported
Email:	Not reported
Phone Number:	(323) 533-8531
Rural:	N
Operation Begin Date:	04/16/2014
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Sun 8:30 am - 4:30 pm
Organization ID:	196269
Organization Name:	G & P Recycling Inc

90
SE
1/4-1/2
0.447 mi.
2362 ft.

LAUSD - SAFETY SECTION BUS DIV
1425 S SAN PEDRO ST
LOS ANGELES, CA 90014

LUST **S103630446**
N/A

Relative:
Lower

Actual:
234 ft.

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603788360
Global Id:	T0603788360
Latitude:	34.03097
Longitude:	-118.255229
Status:	Completed - Case Closed
Status Date:	09/07/2011
Case Worker:	EL
RB Case Number:	Not reported
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	XS0000953
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

LUST:

Global Id:	T0603788360
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

LAUSD - SAFETY SECTION BUS DIV (Continued) **S103630446**

Global Id: T0603788360
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603788360
Action Type: Other
Date: 02/20/1991
Action: Leak Discovery

Global Id: T0603788360
Action Type: Other
Date: 03/19/1991
Action: Leak Reported

Global Id: T0603788360
Action Type: ENFORCEMENT
Date: 09/07/2011
Action: Closure/No Further Action Letter

LUST:
Global Id: T0603788360
Status: Completed - Case Closed
Status Date: 09/07/2011

Global Id: T0603788360
Status: Open - Case Begin Date
Status Date: 02/20/1991

Global Id: T0603788360
Status: Open - Site Assessment
Status Date: 03/19/1991

91
NNW
1/4-1/2
0.494 mi.
2607 ft.

UNOCAL #3300
730 OLYMPIC BLVD W
LOS ANGELES, CA 90015

LUST **S103065777**
EMI **N/A**
HIST CORTESE

Relative: Higher

Actual: 249 ft.

LUST:
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700550
Global Id: T0603700550
Latitude: 34.044564
Longitude: -118.263789
Status: Completed - Case Closed
Status Date: 06/30/1994
Case Worker: EL
RB Case Number: 900150070
Local Agency: LOS ANGELES, CITY OF

UNOCAL #3300 (Continued) **S103065777**

File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603700550
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700550
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700550
Action Type: Other
Date: 03/30/1994
Action: Leak Reported

LUST:
Global Id: T0603700550
Status: Completed - Case Closed
Status Date: 06/30/1994

Global Id: T0603700550
Status: Open - Case Begin Date
Status Date: 03/30/1994

Global Id: T0603700550
Status: Open - Remediation
Status Date: 03/30/1994

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900150070
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported

UNOCAL #3300 (Continued) **S103065777**

Global ID:	T0603700550	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	FIGUEROA ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		3/30/1994
Date Leak Record Entered:	6/30/1995	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		6/30/1995
Date the Case was Closed:		6/30/1994
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	OLD CASE #960105-23	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2846.884676098390760468648895
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		3/30/1994
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	UNOCAL	
RP Address:	376 S VALENCIA BREA CA 92621	
Program:	LUST	
Lat/Long:	34.0444172 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	3901254-001GEN	
Summary:	Not reported	

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	76680
Air District Name:	SC
SIC Code:	1311
Air District Name:	SOUTH COAST AQMD

UNOCAL #3300 (Continued) **S103065777**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900150070

92
SSE
1/2-1
0.547 mi.
2886 ft.

Relative:
Lower

Actual:
231 ft.

LAUSD MASTER AGREEMENT **ENVIROSTOR** **S111752578**
1449 SOUTH SAN PEDRO STREET **SCH** **N/A**
LOS ANGELES, CA 90015

ENVIROSTOR:

Facility ID:	19820019
Status:	Active
Status Date:	07/01/1998
Site Code:	300774
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Shahir Haddad
Supervisor:	Peter Garcia
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.03085
Longitude:	-118.2553
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LAUSD
Alias Type:	Alternate Name
Alias Name:	LAUSD MASTER AGREEMENT
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	300774
Alias Type:	Project Code (Site Code)

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Alias Name: 19820019
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/18/2015
Comments: Letter sent by LAUSD requesting compliance status of facilities in the vicinity of district schools.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/13/2017
Comments: Received letter from LAUSD re: Payment of Balance for Disputed 2014 Invoices.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: First Collection Letter Inv# I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 06/17/2013
Comments: Fully executed MSCA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 04/29/2013
Comments: Fully executed sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/23/2012
Comments: 2nd Collection Letter for Invoices I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Future Area Name: Not reported
Future Sub Area Name: Not reported

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19820019
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Shahir Haddad
Supervisor: Peter Garcia
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300774
Assembly: 53
Senate: 30
Special Program Status: Voluntary Cleanup Program
Status: Active
Status Date: 07/01/1998
Restricted Use: NO
Funding: School District
Latitude: 34.03085
Longitude: -118.2553
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LAUSD
Alias Type: Alternate Name
Alias Name: LAUSD MASTER AGREEMENT
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 300774
Alias Type: Project Code (Site Code)
Alias Name: 19820019
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/18/2015
Comments: Letter sent by LAUSD requesting compliance status of facilities in the vicinity of district schools.

Completed Area Name: PROJECT WIDE

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/13/2017
Comments: Received letter from LAUSD re: Payment of Balance for Disputed 2014 Invoices.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: First Collection Letter Inv# I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 06/17/2013
Comments: Fully executed MSCA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 04/29/2013
Comments: Fully executed sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/23/2012
Comments: 2nd Collection Letter for Invoices I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

93
NE
1/2-1
0.547 mi.
2889 ft.

UNITED BUILDING ASSOCIATES
707 S BROADWAY #411
LOS ANGELES, CA 90014

ENVIROSTOR **S110494422**
N/A

Relative:
Higher

Actual:
258 ft.

ENVIROSTOR:

Facility ID:	71003260
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.04520
Longitude:	-118.2537
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAL000059257
Alias Type:	EPA Identification Number
Alias Name:	71003260
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

94
WSW
1/2-1
0.549 mi.
2898 ft.

JOHNSON BRONZE COMPANY
1818 S. GRAND AVENUE
LOS ANGELES, CA 90017

ENVIROSTOR **S101480797**
N/A

Relative:
Lower

Actual:
225 ft.

ENVIROSTOR:

Facility ID:	19340506
Status:	Refer: Other Agency
Status Date:	08/15/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.03388
Longitude:	-118.2675
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * OIL/WATER SEPARATION SLUDGE * UNSPECIFIED SOLVENT MIXTURES
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	JOHNSON AUTOMOTIVE
Alias Type:	Alternate Name
Alias Name:	PARKER HANNIFIN CORP(1968-PRESENT)
Alias Type:	Alternate Name
Alias Name:	CAD981425002
Alias Type:	CERCLIS ID
Alias Name:	19340506
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	09/11/1981
Comments:	FACILITY IDENTIFIED ID BY 1947 PAC TEL DIR. BEARINGS: BABBITT, BRONZE, ETC.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

S95 **JEWELRY DESIGN CENTER** **ENVIROSTOR** **S110493956**
NNE **404 W. 7TH STREET #221** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.574 mi.
3030 ft. **Site 1 of 2 in cluster S**

Relative:
Higher

Actual:
262 ft.

ENVIROSTOR:

Facility ID:	71003145
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.04596
Longitude:	-118.2548
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD983615139
Alias Type:	EPA Identification Number
Alias Name:	110009549140
Alias Type:	EPA (FRS #)
Alias Name:	71003145
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

96
SSW
1/2-1
0.591 mi.
3122 ft.

1910-1918 S. LOS ANGELES ST.
200-224 E. WASHINGTON BLVD., 1910-1918 S. LOS ANGELES STREET
LOS ANGELES, CA 90015

ENVIROSTOR
VCP

S122495064
N/A

Relative:
Lower

Actual:
224 ft.

ENVIROSTOR:

Facility ID:	60002663
Status:	Active
Status Date:	05/23/2018
Site Code:	301829
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Tajinder Gill
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	, 59
Senate:	, 30
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.03013
Longitude:	-118.2635
APN:	5127-029-037, 5127-029-048, 5127-029-903, 5127-029-904
Past Use:	PHOTOGRAPHIC PROCESSING, RESIDENTIAL AREA, RETAIL - SERVICE STATION, VEHICLE MAINTENANCE
Potential COC:	Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL Trichloroethylene (TCE
Potential Description:	SOIL
Alias Name:	5127-029-037
Alias Type:	APN
Alias Name:	5127-029-048
Alias Type:	APN
Alias Name:	5127-029-903
Alias Type:	APN
Alias Name:	5127-029-904
Alias Type:	APN
Alias Name:	301829
Alias Type:	Project Code (Site Code)
Alias Name:	60002663
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	06/07/2018
Comments:	Not reported
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Phase 1
Future Due Date:	2019

1910-1918 S. LOS ANGELES ST. (Continued) **S122495064**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60002663
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Tajinder Gill
Supervisor: Javier Hinojosa
Division Branch: Cleanup Chatsworth
Site Code: 301829
Assembly: , 59
Senate: , 30
Special Programs Code: Voluntary Cleanup Program
Status: Active
Status Date: 05/23/2018
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.03013 / -118.2635
APN: 5127-029-037, 5127-029-048, 5127-029-903, 5127-029-904
Past Use: PHOTOGRAPHIC PROCESSING, RESIDENTIAL AREA, RETAIL - SERVICE STATION, VEHICLE MAINTENANCE
Potential COC: 30022, 30024, 30025, 3002502, 30027
Confirmed COC: 30022,30024,30025,3002502,30027
Potential Description: SOIL
Alias Name: 5127-029-037
Alias Type: APN
Alias Name: 5127-029-048
Alias Type: APN
Alias Name: 5127-029-903
Alias Type: APN
Alias Name: 5127-029-904
Alias Type: APN
Alias Name: 301829
Alias Type: Project Code (Site Code)
Alias Name: 60002663
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/07/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Phase 1

1910-1918 S. LOS ANGELES ST. (Continued) **S122495064**

Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

S97 **LOS ANGELES UNITED INVESTMENT CO.** **ENVIROSTOR** **S110494021**
NNE **650 S. HILL STREET #1010** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.615 mi.
3248 ft. **Site 2 of 2 in cluster S**

Relative:
Higher

Actual:
263 ft.

ENVIROSTOR:
Facility ID: 71003114
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.04594
Longitude: -118.2539
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982522344
Alias Type: EPA Identification Number
Alias Name: 110009547598
Alias Type: EPA (FRS #)
Alias Name: 71003114
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

LOS ANGELES UNITED INVESTMENT CO. (Continued) **S110494021**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

T98 **ATLAS PRECIOUS METALS INC** **Financial Assurance** **S107145812**
NNE **640 S HILL ST** **HAZNET** **N/A**
1/2-1 **LOS ANGELES, CA 90014** **ICE**
0.620 mi. **HWP**
3273 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
263 ft.

CA Financial Assurance 1:

EPA ID Number:	CAL000098454
Sudden Amount1:	$2,000,000.00
Non Sudden Amount1:	$2,000,000.00
Closure Mechanism:	TA
Closure Amount:	$11,082.59
Post Closure Mechanism:	Not reported
Post Closure Amount:	Not reported
Corrective Action Mechanism:	Not reported
Corrective Action Amount:	Not reported
Sudden Mechanism Type:	Ins
Sudden Mechanism Amount:	$1,000,000.00
Non Sudden Mechanism Type:	Ins
Non Sudden Mechanism Amount:	$1,000,000.00
O and M Mechanism Type:	Not reported
O and M Amount:	Not reported
Closure Mechanism Date of Mechanism:	2010-12-28 00:00:00
Closure Mechanism Renewal Date:	Not reported
Closure Mechanism Provider:	Wells Fargo Bank
Postclosure Mechanism Date of Mechanism:	Not reported
Postclosure Mechanism Renewal Date:	Not reported
Postclosure Mechanism Provider:	Not reported
O and M Mechanism Date of Mechanism:	Not reported
O and M Mechanism Renewal Date:	Not reported
O and M Mechanism Provider:	Not reported
Corrective Action Mechanism Date of Mechanism:	Not reported
Corrective Action Mechanism Renewal Date:	Not reported
Corrective Action Mechanism Provider:	Not reported
Sudden Mechanism Date of Mechanism:	2017-06-25 00:00:00
Sudden Mechanism Renewal Date:	Not reported
Sudden Mechanism Provider:	Certain Underwriter’s at Lloyd’s, London
Non-Sudden Mechanism Date of Mechanism:	2017-06-25 00:00:00
Non-Sudden Mechanism Renewal Date:	Not reported
Non-Sudden Mechanism Provider:	Certain Underwriter’s at Lloyd’s, London
Date Entered into EnviroStor:	2015-08-18 00:00:00
Authorization Type:	Operating Permit
Comments:	Not reported

HAZNET:

envid:	S107145812
Year:	2016
GEPAID:	CAL000087653
Contact:	SY YOUNG
Telephone:	2139994698
Mailing Name:	Not reported

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Mailing Address: 640 S HILL ST STE 462
Mailing City,St,Zip: LOS ANGELES, CA 900144019
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Tetraethyl lead sludge
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.189
Cat Decode: Tetraethyl lead sludge
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

envid: S107145812
Year: 2016
GEPAID: CAL000087653
Contact: SY YOUNG
Telephone: 2139994698
Mailing Name: Not reported
Mailing Address: 640 S HILL ST STE 462
Mailing City,St,Zip: LOS ANGELES, CA 900144019
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Unspecified organic liquid mixture
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.496
Cat Decode: Unspecified organic liquid mixture
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: Los Angeles

ICE:
Envirostor ID: 3001907
EPA ID: CAL000098454
Site Type: INSPECTION
Facility Status: No Action

Inspection:
Action Type: Focused Compliance Inspection - Standardized Permit
Action Date: 05/28/2009
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Standardized Permit
Action Date: 04/28/2008
Violation Class: Minor
RTC Date: 01/12/2011

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 05/27/2008
Violation Class: Minor
RTC Date: 07/03/2008

Action Type: Compliance Evaluation Inspection - Standardized Permit

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Action Date: 06/20/2007
Violation Class: Class 2, Minor
RTC Date: 07/18/2007

Action Type: Financial Records Review - Standardized Permit
Action Date: 06/25/2007
Violation Class: Minor
RTC Date: 01/12/2011

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 05/21/2015
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Standardized Permit
Action Date: 05/31/2017
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Standardized Permit
Action Date: 08/19/2015
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Standardized Permit
Action Date: 07/20/2017
Violation Class: No Violations
RTC Date: Not reported

HWP:
EPA Id: CAL000098454
Cleanup Status: OPERATING PERMIT
Latitude: 34.04635
Longitude: -118.2535
Facility Type: Permitted - Operating
Facility Size: Standardized Series Small Quantity Series C
Team: LORI KOCH
Supervisor: JOANNA LOUIE
Site Code: 301156
Assembly District: 53
Senate District: 30
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - DISCLOSURE (CLEARED)
Actual Date: 02/09/2011

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - TECHNICAL COMPLETE LETTER

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Actual Date: 03/14/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 12/20/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - TECHNICAL REVIEW COMPLETED
Actual Date: 01/20/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - CEQA DETERMINATION
Actual Date: 04/10/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 08/02/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - DRAFT PERMIT RENEWAL
Actual Date: 03/14/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date: 12/23/2005

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/23/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - APPLICATION PART B RECEIVED
Actual Date: 01/29/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - PUBLIC NOTICE - PERMIT RECEIVED
Actual Date: 10/26/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 05/08/2008

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - FINAL PART A & PART B RECEIVED
Actual Date: 12/30/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 03/16/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - PUBLIC COMMENT (END)
Actual Date: 05/03/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - ADMINISTRATIVE REVIEW APPROVED
Actual Date: 02/29/2016

EPA Id: CAL000098454

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 01/30/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 12/23/2003

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - DISCLOSURE (CLEARED)
Actual Date: 05/12/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 02/22/2004

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 11/23/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 09/17/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - CEQA DETERMINATION
Actual Date: 05/23/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 12/23/2003

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/23/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 04/13/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 05/23/2027

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL
Actual Date: 05/23/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - FINAL CEQA
Actual Date: 05/23/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 05/23/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 01/30/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Screen #1 and #2
Event Description: Renewal - No Changes - DRAFT CEQA
Actual Date: 03/17/2017

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 05/28/2015

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 03/18/2011

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/23/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Cone Blender, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Renewal - No Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 02/29/2016

Alias:
EPA Id: CAL000098454
Facility Type: Permitted - Operating
Alias Type: Project Code (Site Code)
Alias: 301156

Maintenance:
EPA Id: CAL000098454
Title: Branch Chief Acceptance Memo
Document Type: Financial Assurance Documentation
Received Date: 06/26/2017

T99 **M & M HOLDING, LLC** **ENVIROSTOR** **S110494027**
NNE **629 S. HILL STREET #1202** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.648 mi.
3421 ft. **Site 2 of 2 in cluster T**

Relative: Higher
Actual: 265 ft.

ENVIROSTOR:
Facility ID: 71003306
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported

M & M HOLDING, LLC (Continued) **S110494027**

NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.04679
Longitude: -118.2541
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000213712
Alias Type: EPA Identification Number
Alias Name: 71003306
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 04/30/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

100
SSE
1/2-1
0.698 mi.
3688 ft.

Relative:
Lower

Actual:
232 ft.

ROYAL PLATING CO
787 E 15TH ST
LOS ANGELES, CA 90021

RCRA-SQG **1000148255**
ENVIROSTOR **CAD008252173**
UST
VCP
SWEEPS UST
HIST UST
CA FID UST
DEED
FINDS
ECHO
EMI
HAZNET

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: ROYAL PLATING CO
Facility address: 787 E 15TH ST

ROYAL PLATING CO (Continued) **1000148255**

LOS ANGELES, CA 90021
EPA ID: CAD008252173
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: GOLNICK STANLEY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

ROYAL PLATING CO (Continued) **1000148255**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/18/1980
Site name: ROYAL PLATING CO
Classification: Large Quantity Generator

Violation Status: No violations found

ENVIROSTOR:
Facility ID: 19340770
Status: Certified O&M - Land Use Restrictions Only
Status Date: 08/23/2013
Site Code: 300638
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.63
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Poonam Acharya
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: DAY, HOS, LUC, NDEV, NSUB, SCH, RES
Funding: Responsible Party
Latitude: 34.02945
Longitude: -118.2526
APN: 5132-026-038, 5132026038
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Tetrachloroethylene (PCE Cadmium and compounds Cyanide (free Ethylbenzene Nickel Toluene 1,2,4-Trimethylbenzene Xylenes
Confirmed COC: Toluene 1,2,4-Trimethylbenzene Tetrachloroethylene (PCE Cadmium and compounds Cyanide (free Ethylbenzene Nickel Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Xylenes
Potential Description: SOIL
Alias Name: ALAN BAILEY
Alias Type: Alternate Name
Alias Name: ASSOCIATED PLATING
Alias Type: Alternate Name
Alias Name: EVERGREEN INVESTMENTS
Alias Type: Alternate Name
Alias Name: ROYAL PLATING
Alias Type: Alternate Name
Alias Name: 5132-026-038
Alias Type: APN
Alias Name: 5132026038
Alias Type: APN
Alias Name: 110033607103
Alias Type: EPA (FRS #)
Alias Name: 300638

ROYAL PLATING CO (Continued) **1000148255**

Alias Type: Project Code (Site Code)
Alias Name: 19340770
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/03/1997
Comments: On November 3, 1997, DTSC approved a Preliminary Endangerment Assessment Equivalent. DTSC determined that "No Further Action" is necessary with respect to hazardous substances in the soil. However, a deed restriction limiting site use to commercial/ industrial was required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/12/2009
Comments: LUC inspection completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/23/2011
Comments: LUC inspection for FY 2010-2011 completed and site is in compliance with LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/03/2012
Comments: Inspection completed for the 2011/2012 fiscal year. No violation of LUC was observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/18/2012
Comments: Inspection Checklist sent to DTSC by owner. No violations of the LUR exist. Follow up inspection to be completed next fiscal year (2013-2014) along with 5 year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/04/2016
Comments: Annual inspection was conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

ROYAL PLATING CO (Continued) **1000148255**

Completed Date: 12/26/2017
Comments: Annual Inspection Report submitted by RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/20/2001
Comments: Deed Restriction entered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/02/1997
Comments: DTSC and Alan Bailey, the property owner executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for the site property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/07/2008
Comments: Annual Deed Restriction Inspection completed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

UST:
Facility ID: 24452
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.030808
Longitude: -118.251317

VCP:
Facility ID: 19340770
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, HOS, LUC, NDEV, NSUB, SCH, RES
Acres: 0.63
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Poonam Acharya
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300638
Assembly: 53
Senate: 30
Special Programs Code: Voluntary Cleanup Program

ROYAL PLATING CO (Continued) **1000148255**

Status:	Certified O&M - Land Use Restrictions Only
Status Date:	08/23/2013
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.02945 / -118.2526
APN:	5132-026-038, 5132026038
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC:	30003, 30005, 30013, 30022, 30108, 30160, 30272, 30407, 30550, 30577, 30593
Confirmed COC:	30550,30577,30022,30108,30160,30272,30407,30003,30005,30013,30593
Potential Description:	SOIL
Alias Name:	ALAN BAILEY
Alias Type:	Alternate Name
Alias Name:	ASSOCIATED PLATING
Alias Type:	Alternate Name
Alias Name:	EVERGREEN INVESTMENTS
Alias Type:	Alternate Name
Alias Name:	ROYAL PLATING
Alias Type:	Alternate Name
Alias Name:	5132-026-038
Alias Type:	APN
Alias Name:	5132026038
Alias Type:	APN
Alias Name:	110033607103
Alias Type:	EPA (FRS #)
Alias Name:	300638
Alias Type:	Project Code (Site Code)
Alias Name:	19340770
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/03/1997
Comments:	On November 3, 1997, DTSC approved a Preliminary Endangerment Assessment Equivalent. DTSC determined that "No Further Action" is necessary with respect to hazardous substances in the soil. However, a deed restriction limiting site use to commercial/ industrial was required.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/18/2006
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	10/12/2009
Comments:	LUC inspection completed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	05/23/2011
Comments:	LUC inspection for FY 2010-2011 completed and site is in compliance

ROYAL PLATING CO (Continued) **1000148255**

with LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/03/2012
Comments: Inspection completed for the 2011/2012 fiscal year. No violation of LUC was observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/18/2012
Comments: Inspection Checklist sent to DTSC by owner. No violations of the LUR exist. Follow up inspection to be completed next fiscal year (2013-2014) along with 5 year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/04/2016
Comments: Annual inspection was conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/26/2017
Comments: Annual Inspection Report submitted by RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/20/2001
Comments: Deed Restriction entered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/02/1997
Comments: DTSC and Alan Bailey, the property owner executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for the site property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/07/2008
Comments: Annual Deed Restriction Inspection completed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

ROYAL PLATING CO (Continued) **1000148255**

Schedule Revised Date: Not reported

SWEEPS UST:

Status:	Active
Comp Number:	2183
Number:	2
Board Of Equalization:	44-012166
Referral Date:	05-04-93
Action Date:	05-04-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002183-000001
Tank Status:	A
Capacity:	1500
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	2

Status:	Active
Comp Number:	2183
Number:	2
Board Of Equalization:	44-012166
Referral Date:	05-04-93
Action Date:	05-04-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002183-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

HIST UST:

File Number:	000280B6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000280B6.pdf
Region:	STATE
Facility ID:	00000041151
Facility Type:	Other
Other Type:	PLATING WORKS
Contact Name:	TIEMAN MICHAEL
Telephone:	0000000000
Owner Name:	ROYAL PLATING WORKS
Owner Address:	787 E. 15TH ST.
Owner City,St,Zip:	LOS ANGELES, CA 90021
Total Tanks:	0002

Tank Num:	001
Container Num:	1
Year Installed:	1981
Tank Capacity:	00001500
Tank Used for:	WASTE

ROYAL PLATING CO (Continued) **1000148255**

Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Not reported

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 19028175
Regulated By: UTNKA
Regulated ID: 00041151
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137495006
Mail To: Not reported
Mailing Address: 787 E 15TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900210000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

DEED:
Envirostor ID: 19340770
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

FINDS:

Registry ID: 110002630840

Environmental Interest/Information System
California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response,

ROYAL PLATING CO (Continued) **1000148255**

including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000148255
Registry ID:	110002630840
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002630840

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	16475
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	16475
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

envid:	1000148255

ROYAL PLATING CO (Continued) **1000148255**

Year:	1996
GEPAID:	CAD008252173
Contact:	GOLNICK STANLEY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	787 E 15TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900210000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Not reported
Tons:	.2293
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	1000148255
Year:	1996
GEPAID:	CAD008252173
Contact:	GOLNICK STANLEY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	787 E 15TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900210000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	.2500
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

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101 NE 1/2-1 0.699 mi. 3691 ft. **WEST SIXTH & BROADWAY PARTNERSHIP** **ENVIROSTOR** **S106835553**
314 W. SIXTH STREET **EMI** **N/A**
LOS ANGELES, CA 90014

Relative: Higher

Actual: 263 ft.

ENVIROSTOR:

Facility ID:	71003112
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30

WEST SIXTH & BROADWAY PARTNERSHIP (Continued) **S106835553**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.04695
Longitude: -118.2524
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982519704
Alias Type: EPA Identification Number
Alias Name: 71003112
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:
Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 57386
Air District Name: SC
SIC Code: 3369
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

102
NNE
1/2-1
0.701 mi.
3699 ft.

PARK CENTRAL BUILDING
412 W 6TH ST
LOS ANGELES, CA 90014

RCRA-SQG
ENVIROSTOR
FINDS
ECHO

1000596822
CAD983608027

Relative:
Higher

Actual:
268 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	PARK CENTRAL BUILDING
Facility address:	412 W 6TH ST LOS ANGELES, CA 90014
EPA ID:	CAD983608027
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WILLIAM BLOOMFIELD
Owner/operator address:	412 W 6TH ST LOS ANGELES, CA 90014
Owner/operator country:	Not reported
Owner/operator telephone:	213-627-3998
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

PARK CENTRAL BUILDING (Continued) **1000596822**

Historical Generators:
Date form received by agency: 09/01/1996
Site name: PARK CENTRAL BUILDING
Classification: Small Quantity Generator

Date form received by agency: 03/30/1994
Site name: PARK CENTRAL BUILDING
Classification: Large Quantity Generator

Date form received by agency: 10/18/1991
Site name: PARK CENTRAL BUILDING
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 10/01/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

PARK CENTRAL BUILDING (Continued) **1000596822**

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 10/01/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/09/1994
Date achieved compliance: 03/09/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/01/2004
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/01/2004
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: 10/01/2004
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/1999

PARK CENTRAL BUILDING (Continued) **1000596822**

Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:
Facility ID: 71003138
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.04746
Longitude: -118.2538
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983608027
Alias Type: EPA Identification Number
Alias Name: 71003138
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110009548891

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for

PARK CENTRAL BUILDING (Continued) **1000596822**

generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Registry ID: 110009535351

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000596822
Registry ID:	110009535351
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009535351

Envid:	1000596822
Registry ID:	110009548891
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009548891

103
ESE
1/2-1
0.705 mi.
3723 ft.

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL **ENVIROSTOR** **S109821375**
8TH ST./TOWNE AVE./9TH ST./STANFORD AVE. **SCH** **N/A**
LOS ANGELES, CA 90021

Relative:
Higher

Actual:
245 ft.

ENVIROSTOR:

Facility ID:	60001149
Status:	Certified
Status Date:	06/12/2012
Site Code:	304626
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	3.76
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.0361
Longitude: -118.247
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MANUFACTURING - CERAMICS, OFFICE BUILDING, RESIDENTIAL AREA, SCHOOL - ELEMENTARY, RESIDENTIAL AREA, RETAIL - SERVICE STATION, SCHOOL - MIDDLE
Potential COC: Arsenic Benzene DDD DDE DDT Lead Methane Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Benzene Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: 30001-NO Benzene Lead 30015-NO 30006-NO 30007-NO 30008-NO Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Polychlorinated biphenyls (PCBs Trichloroethylene (TCE Benzene Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Polychlorinated biphenyls (PCBs Trichloroethylene (TCE
Potential Description: IA, SOIL, SV, SOIL, SV
Alias Name: 304626
Alias Type: Project Code (Site Code)
Alias Name: 60001149
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/28/2010
Comments: Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 07/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/08/2010
Comments: SSI Adequacy letter completed. Comments to be addressed in RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 12/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 03/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/12/2011
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/07/2011
Comments: DTSC approved Area B Removal action Completion Report with a no further action determination

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/12/2012
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/11/2012
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 60001149
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3.76

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304626
Assembly:	53
Senate:	30
Special Program Status:	Voluntary Cleanup Program
Status:	Certified
Status Date:	06/12/2012
Restricted Use:	NO
Funding:	School District
Latitude:	34.0361
Longitude:	-118.247
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MANUFACTURING - CERAMICS, OFFICE BUILDING, RESIDENTIAL AREA, SCHOOL - ELEMENTARY, RESIDENTIAL AREA, RETAIL - SERVICE STATION, SCHOOL - MIDDLE
Potential COC:	Arsenic, Benzene, DDD, DDE, DDT, Lead, Methane, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Trichloroethylene (TCE, Benzene, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Trichloroethylene (TCE
Confirmed COC:	30001-NO, Benzene, Lead, 30015-NO, 30006-NO, 30007-NO, 30008-NO, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Polychlorinated biphenyls (PCBs, Trichloroethylene (TCE, , Benzene, Benzene, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Polychlorinated biphenyls (PCBs, Trichloroethylene (TCE
Potential Description:	IA, SOIL, SV, SOIL, SV
Alias Name:	304626
Alias Type:	Project Code (Site Code)
Alias Name:	60001149
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/17/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/17/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	11/04/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 07/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/08/2010
Comments: SSI Adequacy letter completed. Comments to be addressed in RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 12/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/09/2011

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 03/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/12/2011
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/07/2011
Comments: DTSC approved Area B Removal action Completion Report with a no further action determination

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/12/2012
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/11/2012
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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104 East 1/2-1 0.758 mi. 4003 ft.

ACE PLATING CO., INC.
719 TOWNE AVENUE
LOS ANGELES, CA 90021

ENVIROSTOR **S105632824**
CPS-SLIC **N/A**
CHMIRS

Relative: Higher

Actual: 250 ft.

ENVIROSTOR:
Facility ID: 71002245
Status: Inactive - Needs Evaluation
Status Date: 05/09/2012
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03924
Longitude: -118.2459
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008514648
Alias Type: EPA Identification Number
Alias Name: 71002245
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ACE PLATING CO., INC. (Continued) **S105632824**

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	06/06/2013
Global Id:	T10000004814
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0392409
Longitude:	-118.245909
Case Type:	Cleanup Program Site
Case Worker:	RV
Local Agency:	Not reported
RB Case Number:	1290
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Contaminated Surface / Structure, Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE), Chromium, Chromium VI
Site History:	Plating operations started in the mid-1910s in the southwestern portion of the Site until 2005. Ace Plating owned and conducted plating related operations on the 11 contiguous parcels, specifically electrochemical coating of metal parts. Numerous assessments conducted at the site indicate that the soil is impacted with VOCs and metals. The soil vapor has been sampled throughout the Site with tetrachloroethene (PCE) concentrations at 5 feet below ground surface (bgs) ranging from 7.9 micrograms per liter (a%g/L) to 87 a%g/L. The soil vapor data is limited at depths greater than 30 feet bgs. At 60 feet bgs and below, PCE concentrations range from 39 a%g/L below the Assembly Room to 127 a%g/L offsite on Crocker Street. The lateral extent of shallow PCE greater than 12 a%g/L is only defined on the east side. The source of the PCE is unknown but slightly higher concentrations exist in the central portions of the Plating Rooms. Chromium concentrations ranged from 1.5 mg/kg to 4,300 mg/kg for total chromium and from 0.92 to 840 mg/kg for hexavalent chromium. The maximum concentrations were both collected from SSVW-2 at 1 foot bgs located in the alley between the Crocker Street and Towne Avenue buildings and is adjacent to the location of the former chromium tanks. Outside of the area impacted by the former chromium tanks, the maximum chromium concentration is 4200 mg/kg for total chromium and 94 mg/kg for hexavalent chromium at MW-1. Degreasers that contained PCE were utilized in Plating Rooms 1 and 2 from 1993 to 2001. The maximum PCE concentration is 0.150 mg/kg and was sampled 4 feet deep in the vicinity of the former nickel dip tank in Plating Room 2. Two groundwater monitoring wells have been installed. Hexavalent chromium was not detected above the laboratory detection limits in any of the groundwater samples collected. Tetrachloroethylene (PCE) and 1,1-dichloroethene are the only VOC detected in groundwater, with the maximum concentration detected in MW-3 at a concentration of 33 ug/L and 2.7 ug/L, respectively.

Click here to access the California GeoTracker records for this facility:

CHMIRS:

OES Incident Number:	351
OES notification:	Not reported
OES Date:	11/23/1994

ACE PLATING CO., INC. (Continued) **S105632824**

OES Time:	06:35:17 AM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	discharger/county health
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	la cy fd
Incident Date:	11/23/94 0400
Admin Agency:	Not reported
Amount:	150 gal
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	stripping compound "B -9 nickel iron stripper"
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported

ACE PLATING CO., INC. (Continued) **S105632824**

Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	heater in tank left on overnight - substance became overheated and meltetank causing small fire. drained into containment area -

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105
SSE
1/2-1
0.832 mi.
4392 ft.

SUNGRO PRODUCTS LLC
810 18TH
LOS ANGELES, CA 90021

ENVIROSTOR **1000365753**
NPDES **N/A**
CIWQS

Relative:
Lower

Actual:
229 ft.

ENVIROSTOR:

Facility ID:	19281202
Status:	Refer: Other Agency
Status Date:	08/31/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.02722
Longitude:	-118.2544
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	BEST CONTAINER
Alias Type:	Alternate Name
Alias Name:	GROLYFE DIVISION
Alias Type:	Alternate Name
Alias Name:	LANE LABS
Alias Type:	Alternate Name
Alias Name:	CAD009689696
Alias Type:	EPA Identification Number
Alias Name:	110002637923
Alias Type:	EPA (FRS #)
Alias Name:	19281202
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Completed Date:	04/11/1995
Comments:	NFA FOR DTSC.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

NPDES:

Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	347223
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I021631
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/25/2008
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	810 E 18th St
Discharge Name:	Sungro Products LLC
Discharge City:	Los Angeles
Discharge State:	California
Discharge Zip:	90021
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	347223
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I021631
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/18/2008
Processed Date:	06/25/2008
Status:	Active
Status Date:	06/25/2008
Place Size:	18000
Place Size Unit:	SqFt
Contact:	Larry Mackson
Contact Title:	Not reported
Contact Phone:	213-747-4125
Contact Phone Ext:	Not reported
Contact Email:	LARRY@SUNGROPRODUCTS.COM
Operator Name:	Sungro Products LLC
Operator Address:	810 E 18th St
Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90021
Operator Contact:	Larry Mackson
Operator Contact Title:	Not reported
Operator Contact Phone:	213-747-4125
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	LARRY@SUNGROPRODUCTS.COM
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	LA river
Certifier:	LARRY MACKSON
Certifier Title:	Manager
Certification Date:	26-MAR-15

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Primary Sic:	2899-Chemicals and Chemical Preparations, NEC
Secondary Sic:	299-Miscellaneous products of petroleum
Tertiary Sic:	2842-Speciality Cleaning, Polishing, and Sanitary Preparations
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	347223
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I021631
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/25/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sungro Products LLC
Discharge Address:	810 E 18th St
Discharge City:	Los Angeles
Discharge State:	California
Discharge Zip:	90021
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19I021631
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	06/25/2008
Operator Name:	Sungro Products LLC
Operator Address:	810 E 18th St
Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90021

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	347223
Order Number:	Not reported

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I021631
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	06/18/2008
Processed Date:	06/25/2008
Status:	Active
Status Date:	06/25/2008
Place Size:	18000
Place Size Unit:	SqFt
Contact:	Larry Mackson
Contact Title:	Not reported
Contact Phone:	213-747-4125
Contact Phone Ext:	Not reported
Contact Email:	LARRY@SUNGROPRODUCTS.COM
Operator Name:	Sungro Products LLC
Operator Address:	810 E 18th St
Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90021
Operator Contact:	Larry Mackson
Operator Contact Title:	Not reported
Operator Contact Phone:	213-747-4125
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	LARRY@SUNGROPRODUCTS.COM
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	LA river
Certifier:	LARRY MACKSON
Certifier Title:	Manager
Certification Date:	26-MAR-15
Primary Sic:	2899-Chemicals and Chemical Preparations, NEC
Secondary Sic:	299-Miscellaneous products of petroleum
Tertiary Sic:	2842-Speciality Cleaning, Polishing, and Sanitary Preparations
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	347223
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I021631
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/25/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sungro Products LLC
Discharge Address:	810 E 18th St
Discharge City:	Los Angeles
Discharge State:	California
Discharge Zip:	90021
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported

SUNGRO PRODUCTS LLC (Continued) **1000365753**

Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Agency:	Sungro Products LLC
Agency Address:	810 E 18th St, Los Angeles, CA 90021
Place/Project Type:	Industrial - Chemicals and Chemical Preparations, NEC
SIC/NAICS:	Multiple
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I021631
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	06/25/2008
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	34.0273
Longitude:	-118.25413

106 SSW 1/2-1 0.867 mi. 4578 ft. | **SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY)**
231 EAST 23RD STREET
LOS ANGELES, CA 90011

ENVIROSTOR SCH | **S107737369 N/A**

Relative: Lower

Actual: 217 ft.

ENVIROSTOR:

Facility ID:	19590012
Status:	No Further Action
Status Date:	06/22/2007
Site Code:	304247
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	22
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Shahir Haddad
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Benzene Lead Tetrachloroethylene (PCE TPH-diesel
Confirmed COC:	30022-NO 30024-NO 30003-NO 30013-NO
Potential Description:	SOIL, SV
Alias Name:	LAUSD-SANTEE DIARY SITE
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SANTEE DAIRY
Alias Type:	Alternate Name
Alias Name:	SOUTH CENTRAL AREA NEW HIGH SCHOOL
Alias Type:	Alternate Name
Alias Name:	304247
Alias Type:	Project Code (Site Code)
Alias Name:	19590012
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	05/20/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/11/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) (Continued) **S107737369**

Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/03/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/14/2005
Comments: DTSC letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/22/2007
Comments: CRU Memo completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/07/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) (Continued) **S107737369**

SCH:

Facility ID:	19590012
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	22
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Shahir Haddad
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304247
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	06/22/2007
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Benzene, Lead, Tetrachloroethylene (PCE, TPH-diesel
Confirmed COC:	30022-NO, 30024-NO, 30003-NO, 30013-NO
Potential Description:	SOIL, SV
Alias Name:	LAUSD-SANTEE DIARY SITE
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SANTEE DAIRY
Alias Type:	Alternate Name
Alias Name:	SOUTH CENTRAL AREA NEW HIGH SCHOOL
Alias Type:	Alternate Name
Alias Name:	304247
Alias Type:	Project Code (Site Code)
Alias Name:	19590012
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	05/20/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/11/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

SOUTH CENTRAL AREA NEW HS (SANTEE DAIRY) (Continued) **S107737369**

Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/03/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/14/2005
Comments: DTSC letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/22/2007
Comments: CRU Memo completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/07/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

107
WNW
1/2-1
0.883 mi.
4660 ft.

JEFFRIES BANKNOTE COMPANY
1330 WEST PICO BLVD
LOS ANGELES, CA 90015

ENVIROSTOR **S101480580**
N/A

Relative:
Lower

Actual:
233 ft.

ENVIROSTOR:

Facility ID:	19270326
Status:	Refer: Other Agency
Status Date:	08/21/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30
Special Program:	* RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.04237
Longitude:	-118.2740
APN:	5135035020
Past Use:	NONE SPECIFIED
Potential COC:	Lead Chromium VI Nickel
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	5135035020
Alias Type:	APN
Alias Name:	CAD028528230
Alias Type:	EPA Identification Number
Alias Name:	110002640624
Alias Type:	EPA (FRS #)
Alias Name:	19270326
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	11/07/1994
Comments:	DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	01/27/1984
Comments:	FACILITY DRIVE-BY ASAP. NO HAZ WASTE PROB OBSERVED. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	09/26/1983

JEFFRIES BANKNOTE COMPANY (Continued) **S101480580**

Comments: FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

108
NW
1/2-1
0.898 mi.
4743 ft.

BELMONT NEW PRIMARY CENTER NO. 11B **ENVIROSTOR** **S105628546**
927-937 BLAINE STREET **SCH** **N/A**
LOS ANGELES, CA 90015

Relative:
Higher

Actual:
254 ft.

ENVIROSTOR:
Facility ID: 19750090
Status: Inactive - Needs Evaluation
Status Date: 09/29/2005
Site Code: 304339
Site Type: School Investigation
Site Type Detailed: School
Acres: 0.39
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.04769
Longitude: -118.2698
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: Lead
Confirmed COC: 30013-NO
Potential Description: NONE SPECIFIED
Alias Name: BELMONT NEW PRIMARY CENTER NO. 11B (EXP)
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304339
Alias Type: Project Code (Site Code)
Alias Name: 19750090
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/22/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/18/2002
Comments: The project was completed in September 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19750090
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.39
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304339
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 09/29/2005
Restricted Use: NO
Funding: School District
Latitude: 34.04769
Longitude: -118.2698
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: Lead
Confirmed COC: 30013-NO
Potential Description: NONE SPECIFIED
Alias Name: BELMONT NEW PRIMARY CENTER NO. 11B (EXP)

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304339
Alias Type: Project Code (Site Code)
Alias Name: 19750090
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/22/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/18/2002
Comments: The project was completed in September 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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109 SW 1/2-1 0.905 mi. 4776 ft.

ORTHOPEDIC HOSPITAL MAGNET HIGH SCHOOL **ENVIROSTOR** **S107736972**
WEST ADAMS BOULEVARD/SOUTH GRAND AVENUE **SCH** **N/A**
LOS ANGELES, CA 90007

Relative: Lower

Actual: 211 ft.

ENVIROSTOR:
Facility ID: 19230002
Status: Certified
Status Date: 05/30/2003
Site Code: 304196
Site Type: School Cleanup
Site Type Detailed: School
Acres: 4.15
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa

ORTHOPEDIC HOSPITAL MAGNET HIGH SCHOOL (Continued) **S107736972**

Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.02905
Longitude: -118.2708
APN: NONE SPECIFIED
Past Use: * MANU - APPAREL & OTHER TEXTILE PRODUCTS
Potential COC: Lead Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC: Lead Polynuclear aromatic hydrocarbons (PAHs
Potential Description: SOIL
Alias Name: LA USD-ORTHOPEDIC HOSPITAL MAGNET HS/CDE
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: ORTHOPAEDIC HOSPITAL MAGNET HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: 110033607121
Alias Type: EPA (FRS #)
Alias Name: 304196
Alias Type: Project Code (Site Code)
Alias Name: 19230002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 12/27/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/19/2001
Comments: Not reported

ORTHOPEDIC HOSPITAL MAGNET HIGH SCHOOL (Continued) **S107736972**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	05/29/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	12/27/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	10/26/2000
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	19230002
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	4.15
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304196
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	Certified
Status Date:	05/30/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.02905
Longitude:	-118.2708
APN:	NONE SPECIFIED
Past Use:	* MANU - APPAREL & OTHER TEXTILE PRODUCTS
Potential COC:	Lead, Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	Lead, Polynuclear aromatic hydrocarbons (PAHs
Potential Description:	SOIL

ORTHOPEDIC HOSPITAL MAGNET HIGH SCHOOL (Continued) **S107736972**

Alias Name: LA USD-ORTHOPEDIC HOSPITAL MAGNET HS/CDE
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: ORTHOPAEDIC HOSPITAL MAGNET HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: 110033607121
Alias Type: EPA (FRS #)
Alias Name: 304196
Alias Type: Project Code (Site Code)
Alias Name: 19230002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 12/27/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/27/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

ORTHOPEDIC HOSPITAL MAGNET HIGH SCHOOL (Continued) **S107736972**

Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	10/26/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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110 South 1/2-1 0.913 mi. 4821 ft.

TRINITY PRIMARY SITE NO. 12 **ENVIROSTOR** **S107737472**
TRINITY STREET/23RD STREET/WALL STREET **SCH** **N/A**
LOS ANGELES, CA 90011

Relative: Lower

Actual: 219 ft.

ENVIROSTOR:

Facility ID:	19880058
Status:	Inactive - Withdrawn
Status Date:	02/10/2000
Site Code:	304094
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1.51
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.02494
Longitude:	-118.2608
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LA USD-28TH/TRINITY PRIMRY ELEM. #12/VCA
Alias Type:	Alternate Name
Alias Name:	LAUSD-28TH TRINITY PRIMARY #12/CDE
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	TRINITY PRIMARY SITE #12
Alias Type:	Alternate Name
Alias Name:	304054
Alias Type:	Project Code (Site Code)
Alias Name:	304094

TRINITY PRIMARY SITE NO. 12 (Continued) **S107737472**

Alias Type: Project Code (Site Code)
Alias Name: 19880058
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19880058
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.51
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304094
Assembly: 59
Senate: 30
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 02/10/2000
Restricted Use: NO
Funding: School District
Latitude: 34.02494
Longitude: -118.2608
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LA USD-28TH/TRINITY PRIMRY ELEM. #12/VCA

TRINITY PRIMARY SITE NO. 12 (Continued) **S107737472**

Alias Type:	Alternate Name
Alias Name:	LAUSD-28TH TRINITY PRIMARY #12/CDE
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	TRINITY PRIMARY SITE #12
Alias Type:	Alternate Name
Alias Name:	304054
Alias Type:	Project Code (Site Code)
Alias Name:	304094
Alias Type:	Project Code (Site Code)
Alias Name:	19880058
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/11/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

111
NW
1/2-1
0.937 mi.
4946 ft.

BELMONT PRIMARY CENTER NO. 11 **ENVIROSTOR** **S105954501**
950 SOUTH ALBANY STREET **SCH** **N/A**
LOS ANGELES, CA 90015

Relative:
Higher

Actual:
250 ft.

ENVIROSTOR:

Facility ID:	19590009
Status:	Certified
Status Date:	06/02/2003
Site Code:	304271
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	0.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.04808
Longitude: -118.2708
APN: NONE SPECIFIED
Past Use: * RETIAL - MISC.
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: BELMONT PRIMARY CENTER #11
Alias Type: Alternate Name
Alias Name: BELMONT PRIMARY CENTER NO. 11
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT PRIMARY CENTER #11
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033618137
Alias Type: EPA (FRS #)
Alias Name: 304271
Alias Type: Project Code (Site Code)
Alias Name: 19590009
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 02/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/06/2003
Comments: Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/07/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19590009
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304271
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	06/02/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.04808
Longitude:	-118.2708
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	BELMONT PRIMARY CENTER NO. 11
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033618137
Alias Type:	EPA (FRS #)
Alias Name:	304271
Alias Type:	Project Code (Site Code)
Alias Name:	19590009
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Public Participation
Completed Date:	02/13/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	11/02/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	06/02/2003
Comments:	Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/07/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S111211591	411 S MAIN ST & 410 S SPING ST	411 MAIN ST. & 410 S. SPRING	90013	ENF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/08/2018
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 33

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 48

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/28/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 46

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 10/01/2018
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/02/2018
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/08/2018
Number of Days to Update: 26

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 92
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 09/11/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 30

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 10/01/2018
Number of Days to Update: 32

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 39

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 25

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/28/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 28

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 28
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 33
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/19/2018
Number of Days to Update: 29
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/02/2018
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 08/03/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/06/2018
Date Data Arrived at EDR: 07/10/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 63

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 14

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 13

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 44

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 40

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 43

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 49

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/23/2018
Date Data Arrived at EDR: 08/24/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 25

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 13

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AOCONCERN: San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 59
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/16/2018
Date Data Arrived at EDR: 07/18/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 37
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/30/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 57

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/31/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 19

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 08/27/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 36

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/06/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 27

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 4

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 61

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 07/27/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 41

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 31
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/17/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 15
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 17

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 52

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/17/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 16

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 36
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 43
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 10/18/2018
Number of Days to Update: 44
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 8

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 09/13/2018
Date Data Arrived at EDR: 09/14/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 5

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 41

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 29
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/04/2018
Number of Days to Update: 22
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/20/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 9
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1147-1151 S MAIN
1147-1151 S MAIN STREET
LOS ANGELES, CA 90015

TARGET PROPERTY COORDINATES

Latitude (North):	34.03829 - 34° 2' 17.84''
Longitude (West):	118.259212 - 118° 15' 33.16''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	383760.6
UTM Y (Meters):	3766922.0
Elevation:	241 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012
East Map:	5630795 LOS ANGELES, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

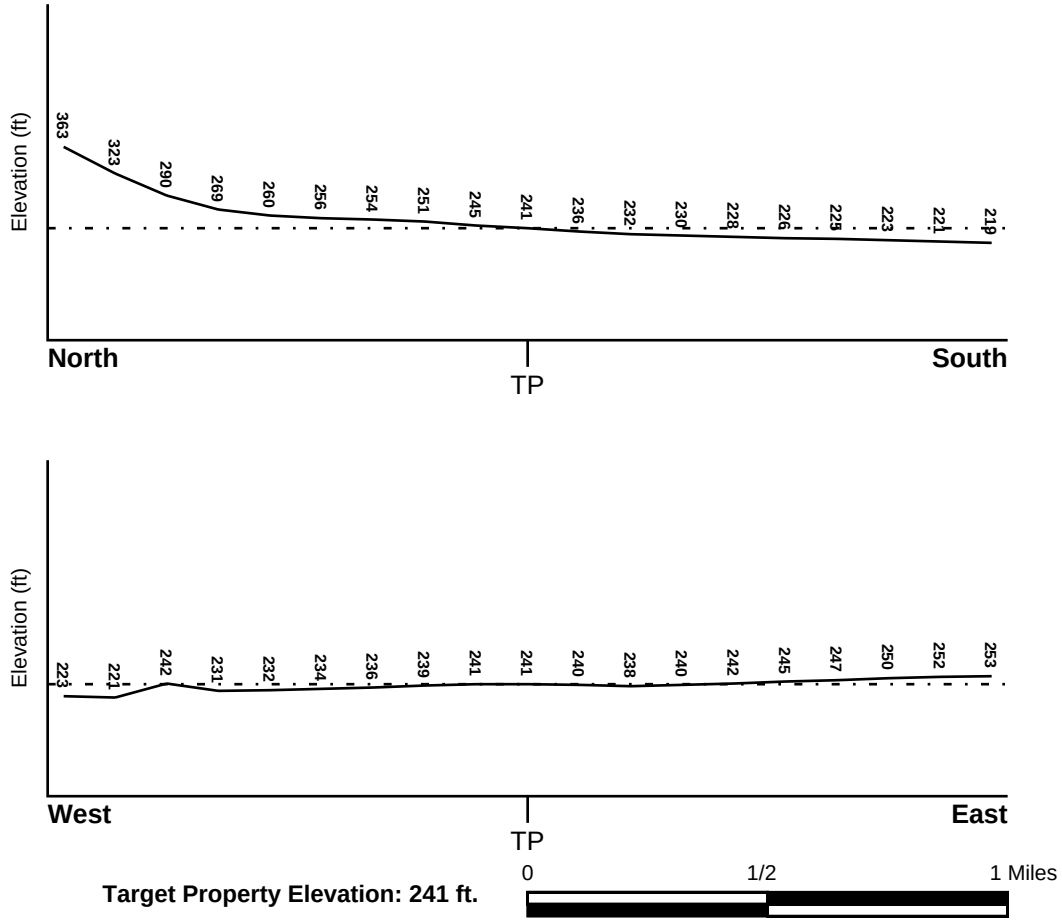
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1620F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1636F	FEMA FIRM Flood data
06037C1638F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile NE
Site Name:	SO CALIF RAPID TRANSIT DISTRICT
Site EPA ID Number:	CAD981989841
Groundwater Flow Direction:	GENERALLY SE.
Measured Depth to Water:	approximately 37 feet.
Hydraulic Connection:	The uppermost aquifer at the site is the Gaspur aquifer. The Gaspur aquifer is hydraulically connected to underlying aquifers.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000139899	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	CA3301863	1/2 - 1 Mile NNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

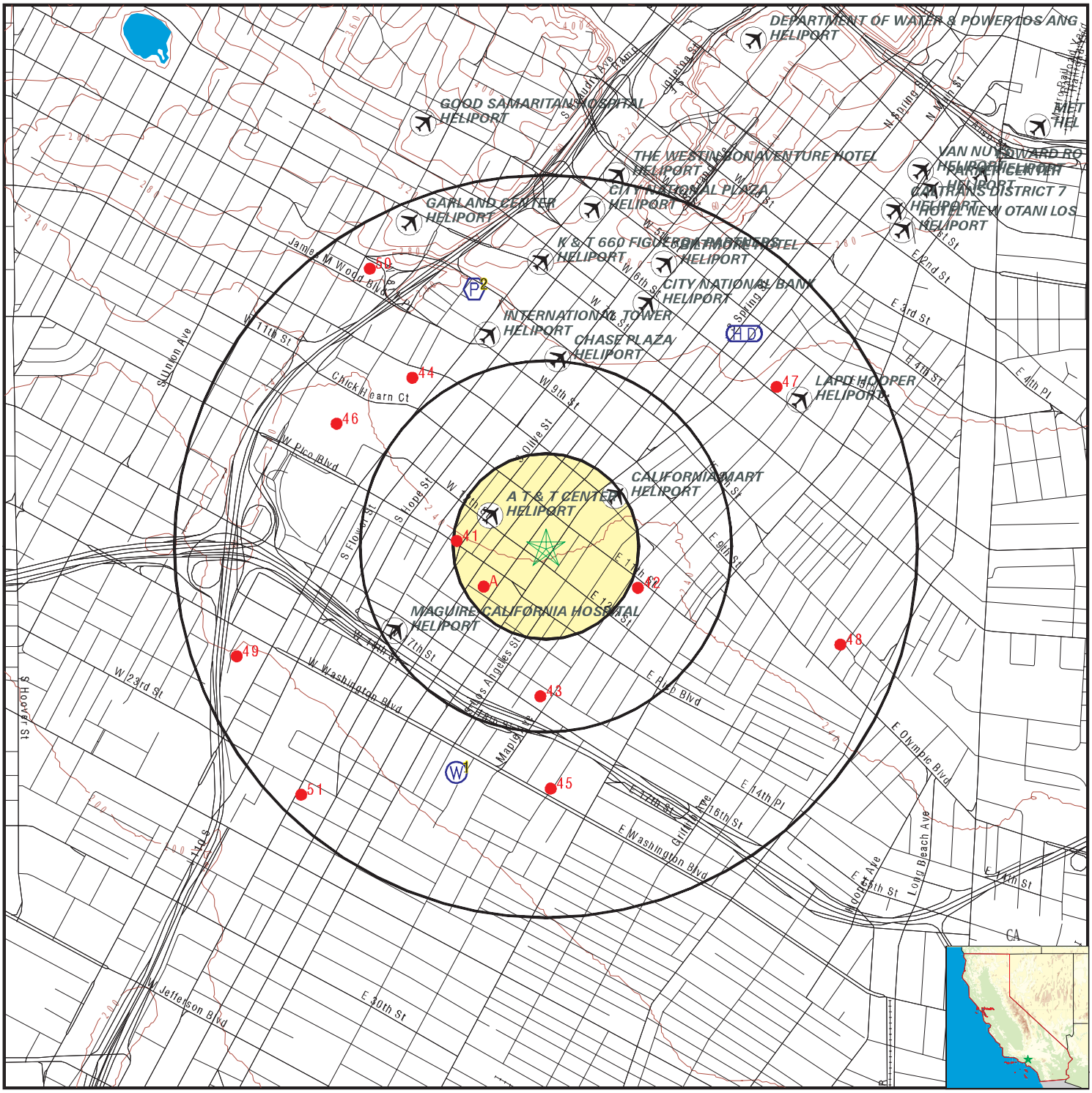
MAP ID	WELL ID	LOCATION FROM TP
A1	CAOG11000188748	1/8 - 1/4 Mile SW
A2	CAOG11000188749	1/8 - 1/4 Mile SW
A3	CAOG11000191614	1/8 - 1/4 Mile SW
A4	CAOG11000191606	1/8 - 1/4 Mile SW
A5	CAOG11000188756	1/8 - 1/4 Mile SW
A6	CAOG11000191612	1/8 - 1/4 Mile SW
A7	CAOG11000188752	1/8 - 1/4 Mile SW
A9	CAOG11000189636	1/8 - 1/4 Mile SW
A8	CAOG11000189635	1/8 - 1/4 Mile SW
A11	CAOG11000188759	1/8 - 1/4 Mile SW
A10	CAOG11000188758	1/8 - 1/4 Mile SW
A14	CAOG11000191610	1/8 - 1/4 Mile WSW
A13	CAOG11000191609	1/8 - 1/4 Mile WSW
A12	CAOG11000191608	1/8 - 1/4 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A15	CAOG11000193045	1/8 - 1/4 Mile WSW
A16	CAOG11000193046	1/8 - 1/4 Mile WSW
A17	CAOG11000193193	1/8 - 1/4 Mile SW
A18	CAOG11000188757	1/8 - 1/4 Mile SW
A19	CAOG11000188751	1/8 - 1/4 Mile WSW
A20	CAOG11000188750	1/8 - 1/4 Mile WSW
A22	CAOG11000193191	1/8 - 1/4 Mile WSW
A21	CAOG11000193190	1/8 - 1/4 Mile WSW
A23	CAOG11000191613	1/8 - 1/4 Mile WSW
A24	CAOG11000191611	1/8 - 1/4 Mile SW
A26	CAOG11000188747	1/8 - 1/4 Mile WSW
A25	CAOG11000188746	1/8 - 1/4 Mile WSW
A27	CAOG11000193057	1/8 - 1/4 Mile WSW
A28	CAOG11000188745	1/8 - 1/4 Mile WSW
A29	CAOG11000188754	1/8 - 1/4 Mile WSW
A30	CAOG11000191607	1/8 - 1/4 Mile WSW
A31	CAOG11000188753	1/8 - 1/4 Mile WSW
A32	CAOG11000192995	1/8 - 1/4 Mile WSW
A33	CAOG11000188755	1/8 - 1/4 Mile WSW
A34	CAOG11000193179	1/8 - 1/4 Mile WSW
A35	CAOG11000193012	1/8 - 1/4 Mile WSW
A36	CAOG11000193013	1/8 - 1/4 Mile WSW
A38	CAOG11000191605	1/8 - 1/4 Mile WSW
A37	CAOG11000191604	1/8 - 1/4 Mile WSW
A39	CAOG11000193023	1/8 - 1/4 Mile WSW
A40	CAOG11000193036	1/8 - 1/4 Mile WSW
41	CAOG11000208886	1/8 - 1/4 Mile West
42	CAOG11000204849	1/4 - 1/2 Mile ESE
43	CAOG11000204850	1/4 - 1/2 Mile South
44	CAOG11000205258	1/2 - 1 Mile NW
45	CAOG11000205268	1/2 - 1 Mile South
46	CAOG11000208887	1/2 - 1 Mile WNW
47	CAOG11000214096	1/2 - 1 Mile NE
48	CAOG11000205250	1/2 - 1 Mile ESE
49	CAOG11000204507	1/2 - 1 Mile WSW
50	CAOG11000214319	1/2 - 1 Mile NNW
51	CAOG11000205041	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 5471372.2s



0 1/4 1/2 1 Miles

N

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1147-1151 S Main	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	1147-1151 S Main Street LOS ANGELES CA 90015	CONTACT:	Max Mcbride
LAT/LONG:	34.03829 / 118.259212	INQUIRY #:	5471372.2s
		DATE:	October 31, 2018 9:50 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW **FED USGS** **USGS40000139899**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S013W05B001S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	495
Well Depth Units:	ft	Well Hole Depth:	495
Well Hole Depth Units:	ft		

2
NNW **FRDS PWS** **CA3301863**
1/2 - 1 Mile
Higher

Epa region:	09	State:	CA
Pwsid:	CA3301863	Pwsname:	Trinity - Anza
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06065
Status:	Active	Retpopsrvd:	75
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	JEFF KANAVAS	Contactorgname:	Trinity - Anza
Contactphone:	9098255588	Contactaddress1:	PO BOX 848
Contactaddress2:	Not Reported	Contactcity:	COLTON
Contactstate:	CA	Contactzip:	92324
Pwsactivitycode:	A		

Pwsid:	CA3301863	Facid:	3
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

Pwsid:	CA3301863	Facid:	3
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	manganese removal
Trtprocess:	sequestration	Factypecode:	TP

Pwsid:	CA3301863	Facid:	CA3301863003
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

Pwsid:	CA3301863	Facid:	CA3301863003
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	manganese removal
Trtprocess:	sequestration	Factypecode:	TP

PWS ID:	CA3301863	PWS type:	System Owner/Responsible Party
PWS name:	LABORER'S TRAINING FACILITY		
PWS address:	Not Reported	PWS city:	LOS ANGELES

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS state:	CA	PWS zip:	90017
PWS name:	TRINITY - ANZA	PWS type code:	NTNC
Retail population served:	75	Contact:	JEFF KANAVAS
Contact address:	PO BOX 848	Contact address:	COLTON
Contact city:	CA	Contact state:	92
Contact zip:	9098255588	Contact telephone:	Not Reported
PWS ID:	CA3301863	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00000025	System name:	LABORER'S TRAINING FACILITY
System address:	LABORER'S TRAINING FACILITY		
System address:	TRIPP FLATS RD	System city:	ANZA
System state:	CA	System zip:	92306
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	340254	Longitude:	1181542
Violation id:	0000001	Orig code:	S
State:	CA	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		
Violation id:	0000002	Orig code:	S
State:	CA	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		
Violation id:	0500001	Orig code:	S
State:	CA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	26	Violation name:	Monitoring, Repeat Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2004
Cmp edt:	10/31/2004		
Violation id:	0500002	Orig code:	S
State:	CA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	26	Violation name:	Monitoring, Repeat Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2004
Cmp edt:	10/31/2004		
System Name:	TRINITY - ANZA	Violation Type:	24
Contaminant:	3100	Compliance Begin:	4/1/2001 0:00:00
Compliance End:	4/30/2001 0:00:00	Violation ID:	0000002
Enforcement Date:	4/12/2007 0:00:00	Enforcement Action:	Not Reported
System Name:	TRINITY - ANZA	Violation Type:	24
Contaminant:	3100	Compliance Begin:	4/1/2001 0:00:00
Compliance End:	4/30/2001 0:00:00	Violation ID:	0000002

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Date:	No Enf Action as of	Enforcement Action:	10/17/2006 0:00:00
System Name:	TRINITY - ANZA	Violation Type:	26
Contaminant:	3100	Compliance Begin:	10/1/2004 0:00:00
Compliance End:	10/31/2004 0:00:00	Violation ID:	0500001
Enforcement Date:	12/6/2004 0:00:00	Enforcement Action:	SFJ
System Name:	TRINITY - ANZA	Violation Type:	26
Contaminant:	3100	Compliance Begin:	10/01/04
Compliance End:	10/31/04	Violation ID:	0500002
Enforcement Date:	07/01/05	Enforcement Action:	SFJ
Violation ID:	0500001	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	12/06/2004
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0500002	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	07/01/2005
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
PWS name:	TRINITY - ANZA	Population served:	75
PWS type code:	NTNC	Violation ID:	0000001
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Minor (TCR)
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		
PWS name:	TRINITY - ANZA	Population served:	75
PWS type code:	NTNC	Violation ID:	0500002
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Repeat Minor (TCR)
Compliance start date:	10/1/2004 0:00:00	Compliance end date:	10/31/2004 0:00:00
Enforcement date:	7/1/2005 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

A1
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188748**

Districtnu:	1	Apinumber:	03700459
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	238.569	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188748		

A2
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188749**

Districtnu:	1	Apinumber:	03700459
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	238.569	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188749		

A3
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191614**

Districtnu:	1	Apinumber:	03711874
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	243.777	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice Com	Wellnumber:	5

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191614		

A4
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191606**

Districtnu:	1	Apinumber:	03711867
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.058	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191606		

A5
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188756**

Districtnu:	1	Apinumber:	03700465
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	238.651	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice Com	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188756		

A6
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191612**

Districtnu:	1	Apinumber:	03711871
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	237.014	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191612		

A7
SW **OIL_GAS** **CAOG11000188752**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03700461
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	237.355	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Spring	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188752		

A9
SW **OIL_GAS** **CAOG11000189636**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03706352
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	242.152	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189636		

Map ID
Direction
Distance

Database EDR ID Number

A8
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189635**

Districtnu:	1	Apinumber:	03706352
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	242.152	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189635		

A11
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188759**

Districtnu:	1	Apinumber:	03700467
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.758	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice FW	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188759		

A10
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188758**

Districtnu:	1	Apinumber:	03700467
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.758	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice FW	Wellnumber:	1

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188758		

A14
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191610**

Districtnu:	1	Apinumber:	03711869
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.094	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000191610		

A13
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191609**

Districtnu:	1	Apinumber:	03711869
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.094	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000191609		

A12
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191608**

Districtnu:	1	Apinumber:	03711869
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.094	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000191608		

A15
WSW **OIL_GAS** **CAOG11000193045**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03720175
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	237.059	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193045		

A16
WSW **OIL_GAS** **CAOG11000193046**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03720175
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	237.059	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193046		

Map ID
Direction
Distance

Database EDR ID Number

A17
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000193193**

Districtnu:	1	Apinumber:	03720923
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.252	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193193		

A18
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188757**

Districtnu:	1	Apinumber:	03700466
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	238.063	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188757		

A19
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188751**

Districtnu:	1	Apinumber:	03700460
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	St. James Oil Corp.	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.747	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	11

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000188751		

A20
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188750**

Districtnu:	1	Apinumber:	03700460
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	St. James Oil Corp.	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.747	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000188750		

A22
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000193191**

Districtnu:	1	Apinumber:	03720909
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.939	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	Spring	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193191		

A21
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000193190**

Districtnu:	1	Apinumber:	03720909
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I

Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.939	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	Spring	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193190		

A23
WSW **OIL_GAS** **CAOG11000191613**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03711873
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	237.171	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice Com	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191613		

A24
SW **OIL_GAS** **CAOG11000191611**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03711870
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	235.038	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191611		

Map ID
Direction
Distance

Database EDR ID Number

A26
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188747**

Districtnu:	1	Apinumber:	03700458
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.568	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188747		

A25
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188746**

Districtnu:	1	Apinumber:	03700458
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.568	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188746		

A27
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000193057**

Districtnu:	1	Apinumber:	03720204
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.898	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	Albany	Wellnumber:	1

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193057		

A28
WSW **OIL_GAS** **CAOG11000188745**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03700457
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.1	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000188745		

A29
WSW **OIL_GAS** **CAOG11000188754**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03700463
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.648	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188754		

A30
WSW **OIL_GAS** **CAOG11000191607**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03711868
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I

Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.69	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191607		

A31
WSW **OIL_GAS** **CAOG11000188753**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03700462
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	233.655	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice Com	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188753		

A32
WSW **OIL_GAS** **CAOG11000192995**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03720039
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.798	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000192995		

Map ID
Direction
Distance

Database EDR ID Number

A33
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000188755**

Districtnu:	1	Apinumber:	03700464
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	233.438	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Venice Com	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188755		

A34
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000193179**

Districtnu:	1	Apinumber:	03720833
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	236.143	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193179		

A35
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000193012**

Districtnu:	1	Apinumber:	03720077
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	232.825	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	2

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193012		

A36
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000193013**

Districtnu:	1	Apinumber:	03720077
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	232.825	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193013		

A38
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191605**

Districtnu:	1	Apinumber:	03711866
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.226	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000191605		

A37
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000191604**

Districtnu:	1	Apinumber:	03711866
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I

Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	234.226	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A.Unit Flower Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000191604		

A39
WSW **OIL_GAS** **CAOG11000193023**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03720118
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	233.268	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193023		

A40
WSW **OIL_GAS** **CAOG11000193036**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03720144
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Nasco Petroleum, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	233.909	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42402259.ssf
Leasename:	L.A. Unit	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193036		

Map ID
Direction
Distance

Database EDR ID Number

41
West
1/8 - 1/4 Mile

OIL_GAS **CAOG11000208886**

Districtnu:	1	Apinumber:	03711865
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	1211 S. Olive Street Development LP	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	GL @ 238	Locationde:	KB @ 11’ above GL
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Broadway Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000208886		

42
ESE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000204849**

Districtnu:	1	Apinumber:	03705691
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	33	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Wall Corehole	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000204849		

43
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000204850**

Districtnu:	1	Apinumber:	03705692
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	5	Township:	02S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Venice Community Core Hole	Wellnumber:	1

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000204850		

44
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000205258**

Districtnu:	1	Apinumber:	03706334
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Salvation Army Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205258		

45
South
1/2 - 1 Mile

OIL_GAS **CAOG11000205268**

Districtnu:	1	Apinumber:	03706344
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	5	Township:	02S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Wall Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205268		

46
WNW
1/2 - 1 Mile

OIL_GAS **CAOG11000208887**

Districtnu:	1	Apinumber:	03711872
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P

Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Standard-Occidental Albany Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000208887		

47
NE **OIL_GAS** **CAOG11000214096**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03720494
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	33	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Greyhound Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000214096		

48
ESE **OIL_GAS** **CAOG11000205250**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03706324
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	33	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Kohler Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205250		

Map ID
Direction
Distance

Database EDR ID Number

49
WSW **OIL_GAS** **CAOG11000204507**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03705184
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Atlantic Richfield Company	Countyname:	Los Angeles
Fieldname:	Los Angeles Downtown	Areaname:	Any Area
Section:	32	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	West Adams Corehole	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000204507		

50
NNW **OIL_GAS** **CAOG11000214319**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03720793
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	29	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	S.M.J. Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000214319		

51
SW **OIL_GAS** **CAOG11000205041**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03705967
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	5	Township:	02S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Garey Community	Wellnumber:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205041		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS/INSURANCE

PARTNER

PARTNER

David Gerhardstein
Environmental Project Manager

Education

B.S. Environmental Science, Wright State University, Dayton, Ohio

Registrations

40-hour HAZWOPER

Highlights

8 years of experience in the environmental consulting industry
Phase I Environmental Site Assessments
Subsurface investigation
Hazard mitigation
Health and Safety Services

Experience Summary

Mr. Gerhardstein has significant experience in due diligence assessments for a variety of property types and the needs and requirements of varied number of reporting standards including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Mr. Gerhardstein has conducted and managed hundreds of Phase I environmental site assessments across industrial, commercial, multi-family residential, institutional and hospitality properties.

Mr. Gerhardstein further has performed dozens of Phase II subsurface investigations and has extensive experience related to remediation design and oversight, regulatory compliance assessments, soil, water and air sampling and analysis, vapor intrusion assessments and mitigation, and design, operation and maintenance of remediation systems.

Mr. Gerhardstein has worked for a wide range of clients that include financial institutions, real estate developers, brokers, investment groups, and Fortune 100 companies in the automotive, energy and heavy manufacturing industries.

Project Experience

Transfer of Industrial Facilities, Multiple Sites. Mr. Gerhardstein provided services for transfer of a portfolio of 14 industrial facilities located across the states of Kansas, Missouri, Nebraska, South Dakota, and Tennessee. He conducted site visits, interviewed key-personnel and prepared final reports. Additionally, he performed Phase II investigations at nine of the properties. He coordinated subcontractors and laboratory services, conducted subsurface analysis and sampling, and managed disposal of investigation derived waste.

Chlorinated Solvent Vapor Intrusion Mitigation, Former Automotive and Semiconductor Manufacturing Facilities, Dayton, Ohio and Mountain View, California. Mr. Gerhardstein managed tasks for two Superfund vapor intrusion sites in the states of Ohio and California. Duties included coordinating between regulators, clients and interested parties. He was responsible for inspecting numerous residential and commercial properties to assess potential vapor intrusion pathways. He managed the associated air sampling programs, worked on design of mitigation measures, oversaw installation of mitigation systems and implemented monitoring plans to ensure efficacy.

Chlorinated Solvent Groundwater Plume Management, Active Automotive Manufacturing Facility, Vandalia, Ohio. TCE plume at an active automotive parts manufacturing facility. Responsibilities included evaluating performance of a pump-and-treat system installed to prevent further offsite contaminant migration and assistance in design and implementation of multiple system upgrades. He was responsible for monitoring system performance to ensure compliance with an NPDES permit for effluent discharge to surface water. He further performed groundwater, surface water and drinking water sampling activities, completed associated reports and managed hazardous investigation derived waste.

Methane Intrusion Mitigation, Former Landfill, San Rafael, California. Mr. Gerhardstein oversaw installation of a methane monitoring and mitigation system at a new retail development constructed atop a former landfill. Duties included ensuring that system construction details matched design criteria, troubleshooting and optimizing system performance, and conducting regular monitoring to ensure proper functionality. He prepared reports related to system construction and operation and worked with local regulators to design an ongoing methane monitoring program at the property.

Additionally, Mr. Gerhardstein has experience in the following areas:

- Pilot testing, design, optimization, operation and maintenance of groundwater and soil gas remediation systems
- Use of a wide range of environmental field equipment including multiple soil and groundwater sampling methods, PIDs, nuclear density gauges, soil gas and landfill monitoring equipment, and air sampling and monitoring equipment
- Subsurface investigation techniques including direct push, hollow-stem auger and sonic drilling
- Vapor intrusion assessment, sampling and mitigation solutions
- Manufactured gas plant site characterization and remediation

Contact

dgerhardstein@partneresi.com

PARTNER

Jay Grenfell, REPA, LEED AP
National Client Manager, Principal

Education

B.A, Environmental Science, University of California at Berkeley

Registrations

Registered Environmental Property Assessor, National Registry of Environmental Professionals
LEED Accredited Professional, United States Green Building Council

Highlights

16 years in the environmental consulting industry
Experience in various disciplines, including regulatory compliance, asbestos abatement, point source air monitoring, Tier II reporting, and Environmental Health & Safety consulting services.

Experience Summary

Mr. Grenfell currently serves as a National Client Manager providing risk management solutions to clients' due diligence and engineering needs. Mr. Grenfell's breadth of experience and understanding of commercial real estate transactions from both an equity investment and lending view allow him to provide risk management consulting that align with client objectives.

Mr. Grenfell conducted and managed thousands of Phase I ESAs on industrial, office, multi-family, government, retail, and hospitality properties prior to assuming his role as a client manager and business development professional. His experience also includes management of large multi-site portfolios for varied and demanding stakeholders, where he mentored field assessors, identifying environmental risks, and provided detailed reports within demanding deadlines. Mr. Grenfell experience includes understanding and coordinating a full suite of due diligence services, including Phase II subsurface investigations, Property Condition Assessments, Seismic Risk Assessments, ALTA Surveys, Asbestos and Lead Surveys, and Energy Audits.

Mr. Grenfell has worked for nationwide and local clients that include commercial developers, mortgage bankers, real estate brokers, individual investors, equity/institutional investment groups, and financial lending institutions, including CMBS lenders, SBA lenders, and GSA (Fannie and Freddie) lenders.

Project Experience

Multi-Site Portfolio, Nationwide. Managed performance and delivery of summary matrix and complete reports for a 300-site portfolio of Class A high-rise office buildings, at the time valued as the largest real estate transaction in history. Lead scheduled conference calls summarizing and evaluating environmental liabilities for a large stakeholder group.

Phase II Subsurface Investigations, Kansas City, Missouri. Conducted eight Phase II Site Assessments at gasoline stations over a four-day period, coordinating and supervising the advancement of soil borings and collected soil and groundwater samples. Documented results in concise, well-written reports.

Industrial Compliance Evaluation, San Francisco, CA. Managed a compliance evaluation team at an 8,000 employee, 24-hour aircraft maintenance center, evaluating environmental regulatory compliance. Provided solutions and established protocols for ensuring compliance.

Third-Party Report Reviews, Chicago, IL. Conducted 3rd-party reviews of over 150 gasoline stations, documenting previous report findings and providing a matrix listing issues and updated risk-based recommendations.

High Rise Office Buildings, San Francisco. Worked with technical team to manage pre-acquisition due diligence for equity investor of high rise office buildings in downtown San Francisco. Included equity PCA with specialty evaluations of façade, MEP, Fire and Life Safety, Roof, and ADA. Provided red flag analysis and summary costs tables within 48 hours of initial site visits with final reports provided within 10 business days.

Multi-Site Portfolio, California. Managed performance and delivery of summary matrix and complete reports for a 150-site portfolio of fast food restaurants providing environmental and property condition assessments with specialty evaluations of roofs and MEP systems.

Affiliations

Bay Area Mortgage Association (BAMA)
International Council of Shopping Centers (ICSC)
The Risk Management Association (RMA)
The Commercial Real Estate Development Corporation (NAIOP)

Speaking

Due Diligence Panelist, Income Property Lending Group, San Francisco, Reoccurring. Provide industry insight into topical due diligence issues to an audience of investors and lenders.

Bisnow Moderator, Equity Investment and Construction Panels, San Francisco, Reoccurring. Moderator for specific topics regarding commercial real estate lending and development to a mixed audience of investors, attorneys, developers, and lenders.

Publications

Improving the Seismic Resilience of California Buildings, California Mortgage Finance, 2014, Co-Authored
Industrial Properties and Environmental Risk, GlobeSt.com, 2013
Change is in the Air, Scotsman Guide, 2012

Contact

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ANDERSEN ENVIRONMENTAL

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Performed at:

1155 and 1165 South Main Street
Los Angeles, California 90015
Assessor's Parcel Numbers: 5139-017-015 and 5139-017-016

Prepared for:

Jade Enterprises
888 South Figueroa Street
Los Angeles, California 90017

Andersen Environmental Project No.:

1402-398

Date:

March 14, 2014

5261 West Imperial Highway, Los Angeles, California 90045
Toll Free: 888-705-6300 Phone: 310-854-6300 Fax: 310-854-0199 Web: www.AndersenEnviro.com

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EXECUTIVE SUMMARY

FINDINGS

Andersen Environmental has performed a Phase I Environmental Site Assessment (Phase I) for Jade Enterprises (Client) for an industrial property located at 1155 and 1165 South Main Street, in Los Angeles County and the City of Los Angeles, California, Assessor's Parcel Numbers: 5139-017-015 and 5139-017-016. The research conducted for this study and the report prepared are in conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard and the American Society for Testing and Materials (ASTM) E 1527-13 scope of work.

Site Description

According to our research and information provided by the Client, the following addresses have been found to be associated with the subject property: 1155, 1157, 1159, 1161, and 1165 South Main Street and 111 West 12th Street, Los Angeles, California. The subject property is located at the northern intersection of South Main Street and West 12th Street in the City of Los Angeles. The subject property is 0.33 acres in size and contains two single-story structures which are approximately 8,530 (1165 South Main Street) and 4,900 (1155 South Main Street) square feet in size, respectively. At the time of the site reconnaissance, the structure 1165 South Main Street was divided into five wholesale retail units: Ellie's Fashion (1159A South Main Street), Miss Handbag (1159B South Main Street), Fast Vehicle's Registration Services (1159C South Main Street), vacant space and Polly Trading Company (both 111 West 12th Street). The structure 1155 South Main Street was divided into three retail spaces: Pro Vision Sunglasses (1157 South Main Street) and S.H. Handbags Luggage Backpack (1155A and 1155B South Main Street). The exterior portions of the property consist of an enclosed asphalt paved parking area to the north. The surrounding area is mostly used for commercial purposes. Groundwater is estimated to be between approximately 30- and 40-feet below ground surface in the area of the site.

No significant hazardous material storage or recognized environmental conditions were observed at the site. Those interviewed, as persons familiar with the site were not aware of any negative environmental conditions associated with the property.

Historical Land Use

According to Andersen Environmental's interpretation of the historical research data, the subject property was undeveloped in 1906. In 1921, the south portion of the property (1165 South Main Street parcel) was improved with the existing commercial structure for automotive sales purposes. By 1927, the north portion (1155 South Main Street parcel) was utilized as a parking lot and the structure in the south portion was used for tire sales. By 1950, the structure in the south portion was utilized for tire sales and rebuilding operations and clothing manufacturing. The north portion had been improved with a small office structure and was utilized for automobile sales. By 1967, the clothing manufacturing operations had ceased and the space was utilized for commercial retail purposes. The tire sales and rebuilding operations remained until at least 1987. Sometime prior to 1987, the small office structure was demolished and the north portion was improved with the existing commercial structure. The structure was originally utilized for warehouse purposes. Historical occupants of 1165 South Main Street include: Perfect Tire Company (1927-1928), Crest Embroidery Company (1958), Novisoff & Sons Tire Company (1958), Nadler Sales (1976), and Winston Tire Company (1976-2004). In 2000, both structures were altered for use as apparel and accessory retail, including clothing stores, trading companies, and sunglasses retail. In 2013, one of the retail spaces was converted into office space. Historical occupants since 2000 have included: M&M Trading (2000), Ruida Enterprises Incorporated (2006-2008), SH Trading (2000-2013), ProVision Sunglasses Company (2000-2013), and Weseries (2013).

- The subject property was historically utilized for auto repair operations including tire rebuilding from 1906 to 2004. For more information, please refer to the Environmental Data Search Section below.
- The subject property was historically utilized for clothing manufacturing. However, as clothing manufacturing typically consists of garment cutting/sewing and does not typically include the use of solvents and oils, the former operations are not expected to represent a significant environmental concern to the subject property.
- Occupants of the commercial structure developed in the north portion of the subject property in 1986 were not determined for the period 1986 to 1999. According to building permit records, the structure was inspected as a warehouse in 1987 and by 2000 the structure was converted for commercial retail use. Based on the foregoing, the stringent regulatory oversight during this period (post-1980s) and the lack of evidence to suggest significant industrial operations at the structure, this limitation is not expected to represent a significant environmental concern for the subject property.
- Historical occupants were not determined for the commercial structure in the south of the subject property for period between 1928 and 1949. However, the structure was utilized for the same purposes in 1927 and 1950 (tire sales and repair). Based on the foregoing, it is assumed that the structure was utilized for the same purposes between 1928 and 1949 and this limitation is not expected to represent a significant environmental concern for the subject property.

Environmental Data Search

- **Winston Tire Company #51 (1161-1165 South Main Street) –** The subject property was listed on the Facility and Manifest Data (HAZNET) database. According to the listing, between 1993 and 2000, Winston Tire Company generated hazardous wastes including unspecified aqueous solution, oil/water separation sludge, aqueous solution with total organic residues less than 10 percent, and unspecified solvent mixture. Oil/water separation sludge is indicative of the presence of a clarifier at the subject property. During the site reconnaissance, the majority of the concrete floors in the structure formerly occupied by Winston Tire Company (1165 South Main Street parcel) were not observable. Please refer to the discussion of Los Angeles County Department of Health Services, Public Health Investigations (LACDHS PHI) files below for more information.
- There are no properties within 100-feet of the subject property where a release is considered likely or a known release has occurred.
- In our opinion, none of the other sites listed on the regulatory database report pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.
- The Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances (DTSC), South Coast Air Quality Management District (SCAQMD), Los Angeles Fire Department (LAFD) Hazardous Materials Division (LAFD HazMat), LAFD Central Industrial Unit (LAFD CIU), LAFD Underground Storage Tank Division (LAFD UST), Los Angeles County Department of Health Services, Public Health Investigations (LACDHS PHI), and City of Los Angeles Bureau of Sanitation (LABS) were contacted regarding contaminated groundwater, toxic substances, air emissions equipment, hazardous materials, underground storage tank and industrial wastewater files for the subject property. Additionally, the State Water Resources Control Board (SWRCB) GeoTracker, DTSC EnviroStor, and SCAQMD Facility Information Detail (FIND) databases were reviewed for files for the subject property.

- According to a review of the databases and responses to our requests, there are no files for the subject property with the exception of the following:
- According to files provided by the LACDHS PHI, an inspection report from August 19, 1995 listed two 55-gallon drums of waste oil disposed by Evergreen Environmental, one 55-gallon drum of used oil filters, one 55-gallon drum of antifreeze, and 30 gallons of parts cleaner. A Notice of Violation was issued to Winston Tires for overflowing waste oil and antifreeze drums, and there were floor drains noted. The inspector asked about the presence of a clarifier, but it was not confirmed whether a clarifier existed or not. An inspection report from July 6, 1998 listed 30 gallons of parts cleaner disposed by Safety Kleen, 55 gallons of antifreeze disposed by Asbury Oil, and 100 gallons of waste oil and used oil filters disposed by Asbury Oil at the Winston Tires auto repair garage on the subject property. The subject property was historically utilized for auto repair operations including tire rebuilding from 1906 to 2004. Records pertaining to the use of hazardous materials for the auto repair tenants prior to 1995 were not available as they operated during a time when the regulatory measures governing the use of hazardous materials of this nature were not as stringent as they are today. Based on the long term duration of the auto repair operations onsite (approximately 98 years), likely use of hazardous materials during a time without stringent regulatory oversight, and documented drains and likely associated clarifier (preferential pathways to the subsurface), the former auto repair operations at the subject property are considered to be a recognized environmental condition.
- At the time this report was issued, no response has been received from LACDHS PHI for 1165 South Main Street. Additionally, no response has been received from SCAQMD for the address 1157 South Main Street. Should relevant information be obtained from these agencies subsequent to issuing this report, an addendum will be prepared and provided to the Client. However, based on the quality of information obtained from other sources, this limitation is not expected to significantly alter the findings of this investigation.

- The user did not provide Andersen Environmental any information either verbally or in writing (i.e. Title Report) regarding environmental cleanup liens or activity and use limitations encumbering the subject property. An environmental lien search was not requested by the user; however, based on our review of the DTSC EnviroStor Database, no environmental liens enforced by the DTSC were identified.

Additional Issues

- Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for asbestos containing building materials within the structure, however, no testing was completed as part of this report. Potential asbestos-containing materials include mastic associated with linoleum and tile flooring. The ACM appeared to be in good condition. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for asbestos containing building materials within the structure is considered to be low. However, individual suspect materials would need to be tested in order to confirm the presence or non-presence of asbestos.
- Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for lead based paint within the structure. Painted surfaces appeared to be in good condition. However, no testing was completed as part of this report. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for lead based paint within the structure is considered to be low.
- According to our research, radon potential at the subject property is considered low.

- Andersen Environmental did not observe visible or olfactory indications of the presence of mold, nor did Andersen Environmental observe obvious indications of significant water damage.
- The City of Los Angeles Methane Zone map was reviewed to determine if the subject property is located in a methane or methane buffer zone. According to the map reviewed, the subject property is located within a methane buffer zone. Due to the potential environmental risk associated with construction in Methane Zones, the property owner may be required to conduct a methane assessment prior to the redevelopment of the subject property and methane mitigation systems may be required (Division 71 of the Los Angeles Building Code).

CONCLUSIONS

Andersen Environmental has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice 1527-13, at 1155 and 1165 South Main Street, Los Angeles, California, the subject property. Any exceptions to or deletions from this practice are described in the individual sections of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property except for the following:

Recognized Environmental Conditions (REC)
The potential for hazardous materials to impact the property subsurface from former auto repair operations at the subject property for 98 years (1906 to 2004) with documented drains and likely associated clarifier represents a REC.

Historic Recognized Environmental Condition (HREC)
In our opinion, no HRECs were revealed during the course of our assessment

Controlled Recognized Environmental Condition (CREC)
In our opinion, no CRECs were revealed during the course of our assessment.

RECOMMENDATIONS

Based on the foregoing, a Phase II Environmental Site Assessment is recommended.

1.0 INTRODUCTION

Andersen Environmental has performed a Phase I Environmental Site Assessment (Phase I) for the property located at 1155 and 1165 South Main Street, in Los Angeles County and the City of Los Angeles, California (Subject Property). This report has been prepared for the sole use of Jade Enterprises (Client).

The research conducted for this study and the report prepared are in general conformance with the EPA "All Appropriate Inquiries" standard and the ASTM 1527-13 "Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process". The primary purpose for performing a Phase I ESA is to "…permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations (commonly known as landowner liability protections) on Comprehensive Emergency Response Compensation and Liability Act (CERCLA) liability." (ASTM, 2013) An environmental site assessment meeting or exceeding this practice and completed less than 180 days prior to the date of acquisition is presumed to be valid under this standard. In order to maintain landowner liability protections, the user also has a "continuing obligation to not interfere with activity and use limitations associated with the property," must take "reasonable steps to prevent releases" and must "comply with legal release reporting obligations." (ASTM, 2013) Further, it is the goal of this study to identify business risks related to the property associated with environmental conditions. This investigation is not an environmental compliance audit and is not designed to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations.

The goal of this process is to identify any (1) recognized environmental conditions (RECs), (2) historic recognized environmental conditions (HRECs), and/or (3) controlled recognized environmental conditions (CRECs) associated with the subject property.

1. A **recognized environmental condition** is defined as "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." This definition does not include *de minimis* conditions defined as "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies" (ASTM, 2013).

2. A **historical recognized environmental condition** is defined as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)." (ASTM, 2013). The HREC designation requires the comparison of residual contamination concentrations, if any, to currently regulatory standards.

3. A **controlled recognized environmental condition** is defined as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)" (ASTM, 2013).

In order to identify environmental conditions at the site, the Phase I ESA includes a site inspection, interviews with parties familiar with the property, historical research into the past uses of the property, and an environmental records search with regard to the subject property, adjoining and immediately surrounding properties, and the surrounding area. In addition, Andersen Environmental provides an opinion regarding the potential for asbestos containing materials, lead-based paints, mold, radon, oil and gas exploration, and methane as they relate to the subject property. Reviewing those documents that are publicly available, reasonably ascertainable, and practically reviewable controls the completeness of this assessment. The inability to review documents which do not exist or are not publicly available, reasonably ascertainable, or practically reviewable may result in a data gap.

1.1 Significant Assumptions

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified. The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. Note, however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground.

1.2 Limitations and Exceptions

This report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM 1527-2013, and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report. The conclusions of this report are based in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated. The services performed and outlined in this report were based, in part, upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, reasonably beyond the control of Andersen Environmental. The objective of this report was to assess environmental conditions at the site, within the context of our contract and existing environmental regulations within the applicable jurisdiction. Evaluating compliance of past or future owners with applicable local, provincial, and federal government laws and regulations was not included in our contract for services. Our observations relating to the condition of environmental media at the site are described in this report. It should be noted that compounds or materials other than those described could be present in the site environment.

1.3 Reliance

This report has been prepared for the sole use of the Jade Enterprises. The contents should not be relied upon by any other parties without the express written consent of the Jade Enterprises and Andersen Environmental.

1.4 User Responsibilities

The United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) and ASTM E 1527-13 Phase I Standards require that the user conduct independent research and consider certain information before purchasing a property:

- Obtain a recent (less than 180 days old) title report prepared for the subject property. The report should be reviewed to obtain information regarding environmental clean-up liens or activity and use limitations (AULs) with regard to the subject property. If environmental cleanup liens or AULs encumbering the subject property or in connection with the subject property are identified, the user should provide that information to the Environmental Professional (Andersen Environmental). If the

user has actual knowledge of environmental cleanup liens or AULs encumbering the subject property or in connection with the subject property, the user should provide that information to the Environmental Professional (Andersen Environmental).

- The user should provide the Environmental Professional (Andersen Environmental) with any specialized knowledge the user has with regard to recognized environmental conditions in connection with the property.
- If the user is aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions, the user should provide the information to the Environmental Professional (Andersen Environmental).
- If this Phase I ESA was prepared as due diligence for a property transaction, it is the responsibility of the user to consider the relationship of the purchase price to the fair market value of the property. If the purchase price is significantly lower than the fair market value, the user should identify the alternate reason for the low purchase price if the lower purchase price is not related to the property being affected by hazardous substances or petroleum products.

2.0 SITE DESCRIPTION

Andersen Environmental has performed a Phase I for an industrial property located at 1155 and 1165 South Main Street, in Los Angeles County and the City of Los Angeles, California. The subject property is located at the northern intersection of South Main Street and West 12th Street in the City of Los Angeles. The subject property is 0.33 acres in size and contains two single-story structures which are approximately 8,530 (1165 South Main Street) and 4,900 (1155 South Main Street) square feet in size, respectively. At the time of the site reconnaissance, the structure 1165 South Main Street was divided into five wholesale retail units: Ellie's Fashion (1159A South Main Street), Miss Handbag (1159B South Main Street), Fast Vehicle's Registration Services (1159C South Main Street), vacant space and Polly Trading Company (both 111 West 12th Street). The structure 1155 South Main Street was divided into three retail spaces: Pro Vision Sunglasses (1157 South Main Street) and S.H. Handbags Luggage Backpack (1155A and 1155B South Main Street). The exterior portions of the property consist of an enclosed asphalt paved parking area to the north. The surrounding area is mostly used for commercial purposes.

Natural gas services are provided to the subject property by the Southern California Gas Company. Electric, potable water and sewer services are provided by the City of Los Angeles Department of Water and Power (LADWP).

2.1 CURRENT AND HISTORICAL ADDRESSES

According to our research and information provided by the Client, the following addresses have been found to be associated with the subject property: 1155, 1157, 1159, 1161, and 1165 South Main Street and 111 West 12th Street, Los Angeles, California.

2.2 LEGAL DESCRIPTION

According to the Los Angeles County Assessor's Office, the subject property is located in the City of Los Angeles, and is described by the Assessor's Parcel Numbers: 5139-017-015 and 5139-017-016.

2.3 PHYSICAL SETTING

The elevation of the subject property is approximately 241 feet above sea level (USGS Hollywood, CA 7.5 minute topographic quadrangle). Based on our review of the GeoCheck Section of the EDR Radius report, the subject property is not situated within a 100-year FEMA Flood Zone. No wetlands were identified at the property or adjoining/immediately surrounding properties. Based on our review of groundwater data presented in the State Water Resources Control Board (SWRCB) Geotracker website, groundwater was detected at a leaking underground storage tank site (504 West Olympic Boulevard) approximately 0.35 mile north-northwest of the subject property at between approximately 30- and 40-feet below ground surface. However, perched and semi-perched aquifers may be present beneath the site. Based on topographic map interpretation, regional groundwater flow direction is estimated to be to the southwest; however local groundwater flow direction may vary.

3.0 SITE RECONNAISSANCE / INTERVIEWS

3.1 SITE RECONNAISSANCE

On March 6, 2014, Mr. Gareth Howell of Andersen Environmental conducted a site reconnaissance of the subject property. The site inspection was conducted to attempt to identify current site use(s), current hazardous materials storage, and evidence of past site uses and hazardous material storage and to identify evidence of other recognized environmental conditions. The following table summarizes our Site Reconnaissance observations:

Yes	No	Observed Feature(s)
☐	☒	Hazardous Substances and Petroleum Products Containers
☐	☒	Underground and/or Aboveground Storage Tanks
☐	☒	Drains/Sumps/Clarifiers/Sewer Interceptors/Septic Systems
☐	☒	Stained or Corroded Surfaces/Stained Soil or Stressed Vegetation
☐	☒	Pits/Ponds/Lagoons/Wetlands
☐	☒	Electrical Equipment with the Potential to contain Fluids
☐	☒	Production or Monitoring Wells
☐	☒	Evidence of Solid Waste Disposal/Dumping/Fill Areas

3.1.1 EXTERIOR OBSERVATIONS

The subject property is developed with two single-story adjoining structures which occupy the majority of the subject property. The exterior portions of the property consist of an enclosed asphalt paved area to the north which is utilized for parking. The asphalt appeared to be in good condition with no indication of significant staining or cracking. No recognized environmental conditions were observed in this portion of the site.

3.1.2 INTERIOR OBSERVATIONS

The subject property is developed with two adjoining structures: one single-story brick structure with mezzanine level (1165 South Main Street, approximately 8,532 square feet) and one single-story concrete masonry unit (CMU) structure with mezzanine level (1155 South Main Street, approximately 4,900 square feet). At the time of the site reconnaissance, 1165 South Main Street was divided into five wholesale retail units: Ellie's Fashion (1159A South Main Street), Miss Handbag (1159B South Main Street), Fast Vehicle's Registration Services (1159C South Main Street), vacant space and Polly Trading Company (both 111 West 12th Street). 1155 South Main Street was divided into three retail spaces: Pro Vision Sunglasses (1157 South Main Street) and S.H. Handbags Luggage Backpack (1155A and 1155B South Main Street). Building materials observed included carpet, linoleum, concrete, wooden, and tile flooring, acoustic

ceilings and drywall partitions and ceilings. Each unit followed a similar design with retail space at the front, storage at the rear, and office space on the mezzanine level. No significant hazardous material storage or recognized environmental conditions were observed in the interior portions of the site.

3.1.3 RECONNAISSANCE LIMITATIONS

Due to the large number of boxes stored within the two units associated with 111 West 12th Street, Andersen Environmental was unable to observe the condition of all concrete floor surfaces in these units. Concrete surfaces observed appeared to be in good condition. However, the subject property was formerly utilized for auto repair operations. For more information please refer to Section 5.1.

3.2 ADJOINING AND IMMEDIATELY SURROUNDING PROPERTIES

The adjoining and immediately surrounding properties (within 100-feet of the subject property boundary) were visually and physically observed from public right-of ways and the subject property in an attempt to identify recognized environmental conditions. Our observations are summarized in the following table:

Location	Address(es)	Uses/Observations
North	1144 and 1148 Broadway	Two commercial structures (Auto Title Loans and vacant)
Northeast	1147 and 1151 South Main Street	Commercial retail – Lucky Import (1147A), Main Ace (1147C), Korus (1151A) and SC 2000 (1151C)
Northwest	1158 and 1168 Broadway	Parking lot
Southeast	1140 – 1162 South Main Street	Multiple commercial retail – Two Ten (1140 and 1140 ½), Lim Creations (1142), Missy USA Handbags (1142 ½, 1144, and 1144 ½), June (1146), Stephanie Handbags (1148), Track (1152), Main Group Importer and Distributor (1154 and 1156) and General Perfume (1162)
Southwest	1201 South Main Street	Parking lot

The adjoining/immediately surrounding properties to the southwest and northeast were listed on the regulatory database report and are further discussed in Section 5.2 below.

3.3 SURROUNDING AREA OBSERVATIONS

3.3.1 SURROUNDING PROPERTY USES

The surrounding area is mostly developed for commercial purposes, including apparel and accessory retail stores. Other noted uses include parking lots to the south and west of the subject property. No dry cleaner facilities or gas stations were observed in the immediate vicinity of the subject property.

3.3.2 SURROUNDING GEOGRAPHY

The surrounding area is mostly flat with a slight topographic slope to the southwest. No nearby hills or bedrock outcroppings were observed in the area of the site. No lakes, ponds, rivers or streams were observed in the surrounding area.

3.4 INTERVIEWS

3.4.1 Property Owner – Mr. Victor Lee, the property owner, completed an environmental questionnaire, dated March 11, 2014. Mr. Lee is unaware of any recognized environmental conditions with respect to the subject property.

3.4.2 Key Site Manager – The owner of the property is the key site manager and completed an environmental questionnaire for the purposes of this report. Please see above.

3.4.3 Property Occupants – No occupants were available for interview during the completion of this report.

3.4.4 Past Owners, Operators and Occupants – Past owners, operators and occupants were not able to be identified for an interview for this report.

3.4.5 Prospective Purchaser – Mr. Brian Taban, the prospective purchaser, completed a potential purchaser questionnaire for the purpose of this report, dated March 3, 2014. Mr. Taban was unaware of any recognized environmental conditions such as underground storage tanks or any generated hazardous materials associated with the property.

3.5 USER PROVIDED INFORMATION

The United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) and ASTM 1527-13 Phase I Standards require that the Report User conduct independent research and consider certain information before purchasing a property. Andersen Environmental recommends that the User documents completion of the following items:

3.5.1 LIEN SEARCH

The User is required to obtain a recent (less than 180 days old) title report prepared for the subject property. The report should be reviewed to obtain information regarding environmental clean-up liens or activity and use limitations with regard to the subject property. If environmental cleanup liens or activity and use limitations encumbering the subject property or in connection with the subject property are identified, the User should provide that information to the Environmental Professional (Andersen Environmental). If the User has actual knowledge of environmental cleanup liens or activity and use limitations encumbering the subject property or in connection with the subject property, the User should provide that information to the Environmental Professional (Andersen Environmental).

- The user did not provide Andersen Environmental any information either verbally or in writing (i.e. Title Report) regarding environmental cleanup liens or activity and use limitations encumbering the subject property. An environmental lien search was not requested by the user; however, based on our review of the Department of Toxic Substances Control (DTSC) EnviroStor Database, no environmental liens enforced by the DTSC were identified.

3.5.2 SPECIALIZED KNOWLEDGE

The User should provide the Environmental Professional (Andersen Environmental) with any specialized knowledge the User has with regard to recognized environmental conditions in connection with the property.

- The User has no specialized knowledge with respect to recognized environmental conditions in connection with the property.

3.5.3 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

If the User is aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions, the User should provide the information to the Environmental Professional (Andersen Environmental).

- The User is not aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions.

3.5.4 PROPERTY VALUATION

If this Phase I ESA was prepared as due diligence for a property transaction, it is the responsibility of the User to consider the relationship of the purchase price to the fair market value of the property. If the purchase price is significantly lower than the fair market value, the User should identify the alternate reason for the low purchase price if the lower purchase price is not related to the property being affected by hazardous substances or petroleum products.

- According to the User, the purchase price generally reflects the fair market value of the property.

3.5.5 PURPOSE OF PERFORMING PHASE I ESA

- According to the User, the user is a prospective purchaser of the subject property and the Phase I is being performed to qualify for landowner liability protections under CERCLA as well as identify business risks related to the property associated with environmental conditions.

3.6 USER PROVIDED DOCUMENTS

- No documents were provided to Andersen Environmental by the Report User.

4.0 HISTORICAL LAND USE

A review of historical data derived from standard historical resources is provided in this section. The objective of consulting historical sources is to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. During our historical review, acute attention is paid to the subject property. Data relating to the adjoining and immediately surrounding properties (within 100-feet of the subject property boundary) and the surrounding area is reviewed to the extent that it is revealed in the course of researching the property itself.

4.1 AERIAL PHOTOGRAPHY REVIEW

Aerial Photography of many portions of the United States dates back to the 1920's. Items searched for in each photograph included, but were not limited to: evidence of tanks, gas stations, industrial site usage, water drainage pathways, areas which show evidence of drums or excessive debris, discolored or stained soils, areas of distressed vegetation, et cetera.

Aerial Photograph Coverage was available from Environmental Data Resources (EDR) for the years: 1927, 1938, 1948, 1952, 1964, 1972, 1981, 1989, 1994, 2005, 2009, 2010, and 2012. A summary of our observations is presented in the following table.

<table>
<tr><th colspan="4">1927</th></tr>
<tr><th rowspan="2">Subject Property</th><th colspan="2" rowspan="2">Adjoining and Notable Immediately Surrounding Property Observations</th><th rowspan="2">Notable Observations of the Surrounding Area</th></tr>
<tr></tr>
<tr><td rowspan="5">Subject property appears to be developed with one commercial structure in the south portion, and parking spaces in the north portion.</td><td>Direction</td><td>Observation</td><td rowspan="5">Surrounding area appears to be primarily commercial/industrial, with a structure characteristic of a gasoline service station to the southeast.</td></tr>
<tr><td>North</td><td>Commercial/industrial</td></tr>
<tr><td>Northeast</td><td>Commercial</td></tr>
<tr><td>Northwest</td><td>Undeveloped</td></tr>
<tr><td>Southeast</td><td>Commercial</td></tr>
<tr><td>Southwest</td><td>Commercial</td></tr>
<tr><th colspan="4">1938, 1948, 1952</th></tr>
<tr><th rowspan="2">Subject Property</th><th colspan="2" rowspan="2">Adjoining and Notable Immediately Surrounding Property Observations</th><th rowspan="2">Notable Observations of the Surrounding Area</th></tr>
<tr></tr>
<tr><td rowspan="5">Subject property appears to be developed with one commercial structure in the south portion, and parking spaces in the north portion.</td><td>Direction</td><td>Observation</td><td rowspan="5">Surrounding area appears to be primarily commercial or industrial with a structure characteristic of a gasoline service station to the southeast.</td></tr>
<tr><td>North</td><td>Commercial structure and pavement.</td></tr>
<tr><td>Northeast</td><td>Commercial</td></tr>
<tr><td>Northwest</td><td>Pavement and structure characteristic of a gasoline service station</td></tr>
<tr><td>Southeast</td><td>Commercial</td></tr>
<tr><td>Southwest</td><td>Commercial</td></tr>
</table>

1964, 1972, 1981			
Subject Property	**Adjoining and Notable Immediately Surrounding Property Observations**		**Notable Observations of the Surrounding Area**
	Direction	**Observation**	
Subject property appears to be developed with one commercial structure in the south portion, and parking spaces in the north portion.	North	Small commercial structure and pavement used for parking spaces.	Surrounding area appears to be primarily commercial or industrial, with increased amounts of parking lots by 1981.
	Northeast	Commercial	
	Northwest	Parking lot	
	Southeast	Commercial	
	Southwest	Commercial and parking. Parking only by 1972.	
1989, 1994, 2005, 2009, 2010 and 2012			
Subject Property	**Adjoining and Notable Immediately Surrounding Property Observations**		**Notable Observations of the Surrounding Area**
	Direction	**Observation**	
Subject property appears to be developed with a commercial structure in the north portion and a commercial structure in the south portion.	North	Commercial structure and pavement.	Surrounding area appears to be a combination of commercial and industrial development with parking lots.
	Northeast	Commercial	
	Northwest	Parking lot	
	Southeast	Commercial	
	Southwest	Parking lot (across South Main Street)	

- The northwest adjoining property was occupied by a structure characteristic of a gasoline service station from at least 1938 until sometime before 1964. For more information, refer to Section 4.5.2.
- The surrounding area to the southeast of the subject property was occupied by a structure characteristic of a gasoline service station from at least 1927 until sometime before 1964. According to a review of the environmental database report, the site is not listed on any of databases indicative of a release associated with former gas station operations. Based on the foregoing, and the cross-gradient location of the site, the former gas station is not expected to represent a significant environmental concern to the subject property.

4.2 BUILDING DEPARTMENT RECORDS REVIEW

The addresses identified as current and historical addresses for the subject property were researched at the City of Los Angeles Building Division. Items considered in the course of the building permit review are previous site usage, previous ownership, and the construction or demolition of any structures that may have had a negative environmental impact on the property. The following table summarizes relevant building permits obtained and reviewed:

111 West 12th Street

Date	Owner/Occupant	Purpose
08/10/2000	Young G. & Soon O Joo	Change of use from auto repair garage to retail
08/10/2000	Young G & Soon O Joo	Convert existing retail store into four separate tenant spaces

1155 South Main Street

Date	Owner/Occupant	Purpose
08/18/1986	Young Gi Joo	Inspection of a warehouse structure.
04/22/1987	Young Gi Joo	Certificate of occupancy for a one store warehouse structure

1159 South Main Street

Date	Owner/Occupant	Purpose
06/25/1924	G Kenley	Alteration to a four story structure used as restaurant and garage
08/01/1924	Kennley, Inc	Alteration to one story structure used as an auto shop and restaurant
10/08/1929	Huntington Land Co	Alteration to a structure used as a store
12/29/1953	Henry J Novisoh	Repairs to one story structure used as a tire store
01/09/1958	J. Nowisoff	Repairs to a structure used for clothing manufacturing
08/06/2013	Edward Kim and Kyung H	Change of use to existing retail to an office

1161 South Main Street

Date	Owner/Occupant	Purpose
12/06/1927	Perfect Made Tire Company	Alteration to a one story structure used as a store
05/04/1928	Perfect Made Tire Company	Alteration to a one story structure used as a store
10/08/1929	Huntington Land Co	Alteration to a structure used as a store
12/29/1953	Henry J Novisoh	Repairs to one story structure used as a tire store
06/09/1958	US Rubber Company (Nofisoff & Sons)	Alteration to a tire store
10/05/1970	Tom and Gene Novisoff	Alteration to an auto tire store
05/12/1987	Winston Tire	Alteration to a tire shop
08/10/2000	Young G and Soon O	Alteration to multitenant retail structure

1163 South Main Street

Date	Owner/Occupant	Purpose
06/13/1921	Huntington Land and Improvement	Permit to build a foundation
06/18/1921	Huntington Land and Improvement	Permit to erect a one store building to be used for auto sales
05/12/1987	Winston Tire	Alteration to a tire shop

1165 South Main Street

Date	Owner/Occupant	Purpose
09/10/1919	JG Griffith	Addition to show room and shop
06/13/1921	Huntington Land and Improvement	Permit to build a foundation
06/18/1921	Huntington Land and Improvement	Permit to erect a one story building to be used for auto sales
09/21/1936	Brown	Alteration to a structural used as a café
05/12/1987	Winston Tire	Alteration to a tire shop

- There were no building permits identified for the other current or historical site addresses.

- Building permits indicate the property was historically utilized for auto repair operations and tire sales. For more information related to former operations please refer to Section 4.5.1.

4.3 CITY DIRECTORY REVIEW

City directories have been published since the 1800's and provide detailed occupant information for the property and its surrounding area at five-year intervals. The purpose of the City Directory research is to attempt to determine the businesses that historically occupied the subject property. Historical City Directories provided by EDR and reviewed by Andersen Environmental are listed below.

1155 South Main Street

Date	Listing
1920-1999	Address not listed in research source
2000, 2006, 2013	SH Trading
2000	Joo Young

1157 South Main Street

Date	Listing
1920-1999	Address not listed in research source
2000, 2006, 2008, 2013	ProVision Sunglasses Company

1159 South Main Street

Date	Listing
1920-1957	Address not listed in research source
1958	Crest Embroidery Company
1976	Nadler Sales
2000	M&M Trading, Rina Rich
2006, 2008	Ruida Enterprises Inc
2013	Weseries

1161 South Main Street

Date	Listing
1920-1975	Address not listed in research source
1976	Winston Tire Company
1958	Novisoff & Sons Tire Company

1165 South Main Street

Date	Listing
1920-1999	Address not listed in research source
2000	Joo Young

111 West 12th Street

Date	Listing
1920-1957	Address not listed in research source
1958	Isaacs Geo Gisla of California Sportswear
1981	Knights of Round Table Distribution
1990	Family Fashion
2000	Hobbs Discount
2006, 2008	J & K USA Wigs Factory, International Gift and Fashion
2013	Polly Trading Company Inc, Herbs Inc.

- Listings for adjoining and immediately surrounding properties reviewed during the course of researching the subject property did not reveal any uses of concern, with the exception of the north adjoining property 1144 South Broadway which was occupied by West Coast Stationery & Printing Company from at least 1929 to 1976. For more information, refer to Section 4.5.2.

4.4 SANBORN MAP REVIEW

Originally compiled by the Sanborn Map Company of Pelham, New York for fire insurance companies to assess fire risks related to building materials and hazardous materials storage, today Sanborn Maps are an invaluable tool for Environmental Professionals in determining historical site use and the potential for environmental conditions. Sanborn Map Coverage is available from as early as 1867 in some cities. Although Sanborn maps were created for approximately twelve thousand cities and towns in the United States, Canada, and Mexico, Sanborn Map Coverage is not available in newer and more rural communities. Sanborn Map Coverage was available from EDR for the years: 1888, 1894, 1906, 1950, 1953, 1955, 1958, 1960, 1962, 1963, 1967, 1968, and 1970. A summary of our observations is presented in the following table.

1888, 1894 and 1906			
Subject Property	**Adjoining and Notable Immediately Surrounding Property Observations**		**Notable Observations of the Surrounding Area**
	Direction	**Observation**	
Subject property is undeveloped.	North	Landscaped	Surrounding area is occupied by an estate, some residential structures, and undeveloped land. Some commercial development by 1906.
	Northeast	Undeveloped	
	Northwest	Undeveloped	
	Southeast	Undeveloped in 1888. Auto repair and machine shop by 1906	
	Southwest	Undeveloped lots and a residential structure. Skating rink by 1906 (across South Main Street)	
1950, 1953 and 1955			
Subject Property	**Adjoining and Notable Immediately Surrounding Property Observations**		**Notable Observations of the Surrounding Area**
	Direction	**Observation**	
Subject property is occupied by a tire sale and rebuilding structure, a clothing manufacturing structure in the south portion, and an auto sales lot in the north portion.	North	Auto park (across alley)	Surrounding area is primarily commercial with an exhibition hall to the west and a gasoline service station to the southeast.
	Northeast	Commercial printing and stationary storage structures.	
	Northwest	Gasoline service station in 1950,vacant by 1953 (across alley)	
	Southeast	Restaurant and garage (across 12th Street)	
	Southwest	Not depicted in 1950 or 1955. Commercial in 1953 (across South Main Street)	

1958, 1960, 1962 and 1963			
Subject Property	**Adjoining and Notable Immediately Surrounding Property Observations**		**Notable Observations of the Surrounding Area**
	Direction	**Observation**	
Subject property is occupied by a structure used for tire sales and rebuilding and embroidery in the south portion with a parking lot in the north portion.	North	Auto park (across alley)	Surrounding area is primarily commercial, with some industrial repair shops by 1960, and a gasoline service station to the southeast.
	Northeast	Commercial printing and stationary storage structures	
	Northwest	Vacant	
	Southeast	Not depicted in 1958, 1962, or 1963. Restaurant and a multilith rebuilding structure by 1960 (across South Main Street)	
	Southwest	Garage and restaurant-store by 1960 (across 12th Street)	
1967 and 1968			
Subject Property	**Adjoining and Notable Immediately Surrounding Property Observations**		**Notable Observations of the Surrounding Area**
	Direction	**Observation**	
Subject property is occupied by a structure used for tire sales and rebuilding in the west portion and parking in the east portion.	North	Auto park (across alley)	Surrounding area is commercial and industrial, with a gasoline service station to the southeast (not depicted in 1968).
	Northeast	Commercial printing and stationary storage structures	
	Northwest	Vacant	
	Southeast	Commercial, including cloth printing and cutting. Not depicted in 1968. (across South Main Street)	
	Southwest	Gasoline service station and truck parking (across 12th Street)	
1970			
Subject Property	**Adjoining and Notable Immediately Surrounding Property Observations**		**Notable Observations of the Surrounding Area**
	Direction	**Observation**	
Subject property is occupied by a structure used for tire sales and rebuilding in the west portion and parking in the east portion.	North	Auto park (across alley)	Surrounding area consists of commercial and industrial development.
	Northeast	Commercial printing and stationary storage structures	
	Northwest	Vacant	
	Southeast	Commercial, including cloth printing and cutting. Not depicted in 1968.	
	Southwest	Gasoline service station and truck parking (across 12th Street)	

- Sanborn maps indicated the following historical street addresses associated with the subject property: 1159 and 1165 South Main Street. These addresses were researched during the completion of this report.
- The southeast adjoining property was occupied by an automobile repair shop and machine shop at least from 1906 until sometime before 1950. For more information, refer to Section 4.5.2.
- The northwest adjoining property was occupied by a gasoline service station from at least 1950- 1953. For information, refer to Section 4.5.2.
- The southeast adjoining property was occupied by a commercial printing company from at least 1950-1970. For more information, refer to Section 4.5.2.
- The southwest adjoining property was occupied by a gasoline service station at least from 1967 to 1970. For more information, refer to Section 5.2.

4.5 HISTORICAL SUMMARY

4.5.1 SUBJECT PROPERTY

According to Andersen Environmental's interpretation of the historical research data, the subject property was undeveloped in 1906. In 1921, the south portion of the property (1165 South Main Street parcel) was improved with the existing commercial structure for automotive sales purposes. By 1927, the north portion (1155 South Main Street parcel) was utilized as a parking lot and the structure in the south portion was used for tire sales. By 1950, the structure in the south portion was utilized for tire sales and rebuilding operations and clothing manufacturing. The north portion had been improved with a small office structure and was utilized for automobile sales. By 1967, the clothing manufacturing operations had ceased and the space was utilized for commercial retail purposes. The tire sales and rebuilding operations remained until at least 1987. Sometime prior to 1987, the small office structure was demolished and the north portion was improved with the existing commercial structure. The structure was originally utilized for warehouse purposes. Historical occupants of 1165 South Main Street include: Perfect Tire Company (1927-1928), Crest Embroidery Company (1958), Novisoff & Sons Tire Company (1958), Nadler Sales (1976), and Winston Tire Company (1976-2004). In 2000, both structures were altered for use as apparel and accessory retail, including clothing stores, trading companies, and sunglasses retail. In 2013, one of the retail spaces was converted into office space. Historical occupants since 2000 have included: M&M Trading (2000), Ruida Enterprises Incorporated (2006-2008), SH Trading (2000-2013), ProVision Sunglasses Company (2000-2013), and Weseries (2013).

- The subject property was historically utilized for auto repair operations including tire rebuilding from 1906 to 2004. For more information, please refer to Section 6.0.
- The subject property was historically utilized for clothing manufacturing. However, as clothing manufacturing typically consists of garment cutting/sewing and does not typically include the use of solvents and oils, the former operations are not expected to represent a significant environmental concern to the subject property.

4.5.2 ADJOINING AND IMMEDIATELY SURROUNDING PROPERTIES

According to Andersen Environmental's interpretation of the historical research data, the adjoining and immediately surrounding properties were developed for commercial purposes sometime between 1886 and 1906. By 1906, the southeast adjoining property was developed with an automobile repair shop and a machine shop, which remained until sometime before 1950. The northwest adjoining property was occupied by a gasoline service station from at least 1927 until sometime between 1963 and 1964. Commercial development progressed over time. Historical occupants include: Lucky International Trading

Company (2000-2013), West Coast Stationary (1929-1976) and Taylor Oliver Auto Park (1924) at the north adjoining property (1144 South Broadway), Phils Place (1976-2000), Zackon Louis (1967-1971), and Minni Used Autos (1929) at the northwest adjoining property (1158 South Broadway), Lucky International Trading (2000-2013), Sigma Jewelery (2000-2008) at the northeast adjoining property (1147 South Main Street), 210 US Trading Corporation (2000-2013), and Fashion Supplies Company (1990) at the southeast adjoining property (1140 South Main Street), Infinity Jewlery Company (2000), Sierra Trading Incorporated (2006-2008), and Sullivan Printing Company (1958) at the southeast adjoining property (1150 South Main Street), Rodeo Handbag (2008), Lexy Handbag (2006) and Joram Trading (2000) at the southeast adjoining property (1158 South Main Street), and Robeworks (2013) at the southwest adjoining property.

- The north, northeast, and southeast adjoining and immediately surrounding properties were historically utilized for commercial printing operations. Printing operations represent a potential environmental concern due to the potential use of solvents, specifically during cleaning of printing presses. However, based on the lack of evidence of a release of hazardous substances associated with these former printing operations, they are not expected to represent a significant environmental concern.
- Historical research indicates that the northwest adjoining property was occupied by a structure characteristic of a gasoline service station from at least 1938 until sometime before 1964. Currently, the property is developed as a paved parking lot. Information pertaining to the status of any underground storage tanks (USTs) associated with former gas station operations has not been discovered during the course of this research. The site is not listed on any of the databases indicative of a release in the environmental database report. The presence of a former gasoline service station within 100 feet of the subject property represents a potential vapor encroachment condition for the subject property. However, based on the lack of evidence of a release from any UST(s) associated with the former gasoline service station, a potential vapor intrusion condition is considered unlikely. Based on the foregoing, and the down-gradient location of the tanks, the tanks at the adjoining property are not expected to represent a significant environmental concern to the subject property. Based on the foregoing, the former gasoline service station at the northwest adjoining property is not expected to represent a significant environmental concern for the subject property.
- The southwest adjoining property was occupied by a gasoline service station at least from 1967 to 1970. For more information, refer to Section 5.2.
- The southeast adjoining property was occupied by an automobile repair shop and machine shop at least from 1906 until sometime before 1950. Auto repair operations represent a potential concern due to the potential use of solvents. However, the site is not listed on the environmental database report. Based on the lack of evidence to suggest a release of hazardous substances at the site, the former auto repair at the adjoining property is not expected to represent a significant environmental concern to the subject property.

4.5.3 SURROUNDING AREA

According to Andersen Environmental's interpretation of the historical research data, the surrounding area was developed partially for residential purposes by 1888. Some commercial development emerged by 1906. Sometime prior to 1950 a gasoline service station was built to the southeast of the subject property. This gasoline service station remained until sometime prior to 1970. Commercial development progressed over time, with some buildings being demolished and replaced by parking lots.

4.6 HISTORICAL DATA GAPS

Occupants of the commercial structure developed in the north portion of the subject property in 1986 were not determined for the period 1986 to 1999. According to building permit records, the structure was inspected as a warehouse in 1987 and by 2000 the structure was converted for commercial retail use. Based

on the foregoing, the stringent regulatory oversight during this period (post-1980s) and the lack of evidence to suggest significant industrial operations at the structure, this limitation is not expected to represent a significant environmental concern for the subject property.

Historical occupants were not determined for the commercial structure in the south of the subject property for period between 1928 and 1949. However, the structure was utilized for the same purposes in 1927 and 1950 (tire sales and repair). Based on the foregoing, it is assumed that the structure was utilized for the same purposes between 1928 and 1949 and this limitation is not expected to represent a significant environmental concern for the subject property.

5.0 REGULATORY DATABASE REPORT

A radial database search was conducted in accordance with the specifications defined in ASTM E 1527-13 which sets the radial search distances for each regulatory database. The radial database search was conducted by EDR on March 3, 2014. A copy of the database report is presented in Appendix II of this report. The following table summarizes required databases reviewed, the approximate search distances, and indicates if the subject site, adjoining/immediately surrounding properties or surrounding sites are listed on the respective database.

Following the table are summaries of the information found in the relevant database listings and our opinion regarding the potential for the subject property to be impacted. Our opinion is based on the information found in the database listings, through other historical and regulatory resources, "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (ASTM E2600-10), and assumed groundwater flow direction. As discussed in Section 2.3, groundwater in the vicinity of the subject property is assumed to flow to the southwest.

DATABASE	Search Distance (Miles)	Subject Site (Yes/No)	Adjacent Site (Yes/No)	Total Sites (#)
Federal National Priorities List (NPL)	1.0	NO	NO	0
Federal De-listed NPL	1.0	NO	NO	0
Federal CERCLIS	0.5	NO	NO	1
Federal CERCLIS NFRAP	0.5	NO	NO	0
Federal RCRA CORRACTS	1.0	NO	NO	0
Federal RCRA non-CORRACTS TSD	0.5	NO	NO	0
Federal RCRA Generators	0.25	NO	NO	10
Federal Institutional/Engineering Controls	0.5	NO	NO	0
Federal ERNS	Property	NO	NO	0
State/Tribal Equivalent NPL	1.0	NO	NO	0
State/Tribal Equivalent CERCLIS	0.5	NO	NO	16
State/Tribal Landfill	0.5	NO	NO	0
State/Tribal Underground Storage Tank (UST)	0.25	NO	NO	30
State/Tribal Leaking Underground Storage Tank (LUST/SLIC)	0.5	NO	NO	10/3
State/Tribal Institutional/Engineering Controls	0.5	NO	NO	0
State/Tribal Voluntary Clean-up Sites	0.5	NO	NO	0
State/Tribal Brownfield Sites	0.5	NO	NO	0

5.1 SUBJECT PROPERTY

Winston Tire Company #51 (1161-1165 South Main Street) – The subject property was listed on the Facility and Manifest Data (HAZNET) database. According to the listing, between 1993 and 2000, Winston Tire Company generated hazardous wastes including unspecified aqueous solution, oil/water separation sludge, aqueous solution with total organic residues less than 10 percent, and unspecified solvent mixture. Oil/water separation sludge is indicative of the presence of a clarifier at the subject property. During the site reconnaissance, the majority of the concrete floors in the structure formerly occupied by Winston Tire Company (1165 South Main Street parcel) were not observable. Please refer to Section 6.0 for more information.

5.2 ADJOINING AND IMMEDIATELY SURROUNDING PROPERTIES

Ryder Truck Rental (100 West 12th Street) – The southwest adjoining property across West 12th Street (hydrologically down-gradient) is listed on the Hazardous Substance Storage Container Database (HIST UST) database. According to the listing, the site operated a 10,000-gallon waste underground storage tank (UST). The owner name and address is listed as Herald Examiner at 1201 South Main Street. For more information refer to the listing below.

Los Angeles Herald Examiner (1201 South Main Street) – The southwest adjoining property across West 12th Street (hydrologically down-gradient) is listed on the HIST UST, Facility Inventory Database (CA FID UST), and Statewide Environmental Evaluation and Planning System Underground Storage Tank (SWEEPS UST) databases. Historical research indicates that the site was occupied by a gasoline service station and truck yard at least from 1967 to 1970. According to the listings, the site operated a 9,950-gallon diesel UST. Additionally, according to listings for a historical address associated with the property, the site also operated a 10,000-gallon waste UST (Ryder Truck Rental above). The location of the tanks is not indicated within the listings or any resources researched for the purposes of this report. As such the potential presence of the USTs within 100 feet of the subject property represents a potential vapor encroachment condition for the subject property. However, based on the lack of evidence of a release from the USTs, a potential vapor intrusion condition is considered unlikely. Based on the foregoing, and the down-gradient location of the tanks, the tanks at the adjoining property are not expected to represent a significant environmental concern to the subject property.

Moore Pfeif (1151 South Main Street) – The northeast adjoining property (hydrologically up-gradient) is listed on the EDR US Historical Auto Station (EDR US Hist Auto Stat) database. According to the listing, the site operated an automobile repairing facility in 1942. The site is not listed on any of the databases indicative of a release. Based on the lack of evidence of a release, the former automobile repair operations at the adjoining property are not expected to represent a significant environmental concern to the subject property.

No other adjoining/immediately surrounding properties (within 100-feet) were listed on any of the regulatory databases researched or the listings were not associated with the storage or disposal of hazardous wastes including aboveground or underground storage tanks, did not indicate a known chemical release, and did not indicate a property use where the use of hazardous chemicals would be expected.

5.3 SURROUNDING AREA

In our opinion, none of the other sites listed on the regulatory database report pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.

5.4 ORPHAN SITES

Orphan sites are unmappable sites which appear in a list form in the Radius Map Report rather than on the standard Radius Map. Twenty orphan sites were identified in the Radius Map Report prepared for this site. The sites were manually mapped to determine the location of the site relative to the subject property and groundwater gradient. The following conclusions were made:

In our opinion, none of the orphan sites listed pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.

6.0 AGENCY FILE REVIEWS

6.1 STATE AGENCIES

The regional offices of the Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances (DTSC), and South Coast Air Quality Management District (SCAQMD) were contacted regarding permits and site investigation files for the subject property. Additionally, the State Water Resources Control Board (SWRCB) GeoTracker, DTSC EnviroStor, and SCAQMD Facility Information Detail (FIND) databases were reviewed for files for the subject property.

- According to responses to our requests, there are no files for the subject property.

The Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System was reviewed for information pertaining to oil and gas exploration on or nearby the subject property.

- No oil wells were identified within 500 feet of the subject property.

6.2 CITY/COUNTY AGENCIES

The Los Angeles Fire Department (LAFD) Hazardous Materials Division (LAFD HazMat), LAFD Central Industrial Unit (LAFD CIU), LAFD Underground Storage Tank Division (LAFD UST), Los Angeles County Department of Health Services, Public Health Investigations (LACDHS PHI), and City of Los Angeles Bureau of Sanitation (LABS) were contacted regarding hazardous materials, underground storage tank, and industrial waste discharge records for the subject property.

- According to files provided by the LACDHS PHI, an inspection report from August 19, 1995 listed two 55-gallon drums of waste oil disposed by Evergreen Environmental, one 55-gallon drum of used oil filters, one 55-gallon drum of antifreeze, and 30 gallons of parts cleaner. A Notice of Violation was issued to Winston Tires for overflowing waste oil and antifreeze drums, and there were floor drains noted. The inspector asked about the presence of a clarifier, but it was not confirmed whether a clarifier existed or not. An inspection report from July 6, 1998 listed 30 gallons of parts cleaner disposed by Safety Kleen, 55 gallons of antifreeze disposed by Asbury Oil, and 100 gallons of waste oil and used oil filters disposed by Asbury Oil at the Winston Tires auto repair garage on the subject property. The subject property was historically utilized for auto repair operations including tire rebuilding from 1906 to 2004. Records pertaining to the use of hazardous materials for the auto repair tenants prior to 1995 were not available as they operated during a time when the regulatory measures governing the use of hazardous materials of this nature were not as stringent as they are today. Based on the long term duration of the auto repair operations onsite (approximately 98 years), likely use of hazardous materials during a time without stringent regulatory oversight, and documented drains and likely associated clarifier (preferential pathways to the subsurface), the former auto repair operations at the subject property are considered to be a recognized environmental condition.
- According to responses to our requests, there are no files for the subject property.

6.3 AGENCY FILE REVIEW LIMITATIONS

- At the time this report was issued, no response has been received from LACDHS PHI for 1165 South Main Street. Additionally, no response has been received from SCAQMD for the address 1157 South Main Street. Should relevant information be obtained from these agencies subsequent to issuing this report, an addendum will be prepared and provided to the Client. However, based on the quality of information obtained from other sources, this limitation is not expected to significantly alter the findings of this investigation.

7.0 NON-SCOPE ENVIRONMENTAL RISKS

ASTM Standard E1527-13 identifies additional conditions which, should they exist at the subject property, may create a human health risk to the occupants of the site. These risks may also create additional costs to the property owner in the form of identification, operations & maintenance, and cleanup or remediation.

7.1 ASBESTOS CONTAINING BUILDING MATERIALS

Asbestos is a group of naturally occurring minerals used in certain products, such as building materials and vehicle brakes, to resist heat and corrosion. Asbestos includes: chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these materials that have been chemically treated and/or altered.

The inhalation of asbestos fibers by workers can cause serious diseases of the lungs and other organs that may not appear until years after the exposure has occurred. For instance, asbestosis can cause a buildup of scar-like tissue in the lungs and result in loss of lung function. Asbestos fibers associated with these health risks are too small to be seen with the naked eye, and smokers are at higher risk of developing some asbestos-related diseases.

Asbestos-containing materials (ACM) do not always pose a hazard to occupants and workers in buildings that contain these materials. Intact, undisturbed ACMs generally do not pose a health risk. ACMs may become hazardous and pose an inhalation risk when they are damaged, disturbed in some manner, or deteriorate over time and asbestos fibers are released into building air.

ACM can be found in a multitude of building products which include acoustical texture, fire-proofing, joint compound, attic and wall insulation, resilient flooring, mastic, recessed lighting fixtures, wiring, elevator brakes, fire doors, piping insulation, piping joints, duct insulation, duct tape, siding and roofing materials (tar/shingles), textured paint, stucco, concrete, and swimming pool plaster.

Local jurisdictions have specific laws and regulations regarding asbestos and actions including building renovations and building demolition.

- Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for asbestos containing building materials at the site, however, no testing was completed as part of this report. Potential asbestos-containing materials include mastic associated with linoleum and tile flooring. Potential ACMs appeared to be in good condition. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for asbestos containing building materials is considered to be low. However, individual suspect materials would need to be tested in order to confirm the presence or non-presence of asbestos.

7.2 LEAD-BASED PAINT

Although lead-based paint has been taken off the market, it is approximated that 80 percent of buildings built prior to 1978 contain lead paint. Even at low levels, lead poisoning can cause IQ deficiencies, reading and learning disabilities, impaired hearing, reduced attention spans, hyperactivity and other behavior problems with children under 6 years old being most at risk.

Lead is a highly toxic metal that was used for many years in products found in and around our homes and commercial buildings. Lead can be found in dust from moving parts of windows and doors that are painted with lead-based paint, wood trim, walls, cabinets in kitchens and bathrooms, porches, stairs, railings, fire escapes, lamp posts, and soil.

Since the 1980's, lead has been phased out in gasoline, reduced in drinking water, reduced in industrial air pollution, and banned or has been limited in use in consumer products.

Between the Environmental Protection Agency (EPA), Department of Housing and Urban Development (HUD), Occupational Safety & Health Administration (OSHA), California Department of Public Health (CDPH), each state has various action limits have been placed with the overall objective being an attempt to prevent human exposure and contamination of the surrounding environment.

- Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for lead based paint within the structure. Painted surfaces appeared to be in good condition. However, no testing was completed as part of this report. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for lead based paint within the structure is considered to be low.

7.3 RADON

Radon is a radioactive gas that has been found in structures all over the United States. Radon is produced from the natural breakdown of uranium in soil, rock, and water. Radon typically moves up through the ground to the air above and into structures through cracks and other holes in the foundation. Movement of radon through the earth is strongly influenced by moisture content and permeability of soil, porosity, and degree of fracturing in rocks, as well as surface meteorological conditions. High levels of radon have been discovered in every state.

Radon cannot be seen, smelled, or tasted. Breathing air-containing radon may increase the risk of getting lung cancer. The Surgeon General of the United States has warned that radon is the second leading cause of lung cancer in the United States today.

Testing for the presence of radon is fairly inexpensive, simple and the only way to be certain of the on-site concentration. Various types of sampling methods exist to determine the concentration. On-site radon sampling was not performed during the completion of this assessment.

- Based on our research at the United States Environmental Protection Agency (USEPA), the average radon concentrations for Los Angeles County are between 2.0 pCi/L and 4.0 pCi/L, below the 4.0 pCi/L action level set by the USEPA. However, site specific radon levels vary greatly within the EPA radon zones and on-site radon measurements would need to be collected in order to determine the subject property radon levels.

7.4 WETLANDS

According to the Clean Water Act, a wetland is "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions." Wetland areas have been identified as ecologically diverse and sensitive areas and are generally subject to more stringent development, re-development, and building regulations.

- The U.S. Fish and Wildlife Service National Wetlands Inventory was reviewed to determine if the subject property is situated within an identified wetland. According to the USFWS, the subject property is not located within a wetland area.

7.5 MOLD

Mold and mildew are simple, microscopic organisms that can grow virtually anywhere if they have adequate moisture, nutrients and appropriate temperatures. Depending on the particular mold or fungus (mildew), growing colonies can be almost any color from white to black. Most household molds and fungi (mildews) are black, grey, or charcoal colored. Spores of dozens of kinds of mold and fungus (mildew) are present at all times in indoor and outdoor air. These spores can settle, germinate and grow wherever good growth conditions are found. They can grow on soil, plants, dead plant materials, foods, fabrics, paper,

wood and many other materials. Most molds are not harmful. In fact, molds have important roles in the environment and in living systems. In soil molds play a crucial part in decomposition of organic matter and in making nutrients available to plants.

Molds and fungi (mildews) however, can be very destructive to materials on which they grow, and are usually unwelcome and unhelpful in homes. They cause staining, decomposition (rotting of materials) and objectionable, musty odors. Where colonies are extensive they can also produce enough spores, and by-products to be harmful to health. Many of the by-products of mold and fungus (mildew) are irritating to skin, eyes and respiratory tracts. Some molds produce true allergic sensitization and allergic reactions in susceptible people. Some molds produce toxic by-products that could be harmful to skin, and poisonous if ingested or inhaled in quantity. Persons with compromised immune systems may even experience systemic fungal infections of the respiratory tract.

Andersen Environmental observed a limited amount of interior areas of the subject building(s) in order to identify the significant, visible presence of mold. This activity was not intended to discover all areas which may be affected by mold growth at the subject property. Potential areas of mold not observed as part of this limited assessment, include but are not limited to, possibly in pipe chases, HVAC systems and behind enclosed walls and ceilings, may be present on the subject property. A complete mold assessment, which may include various types of sampling, would be required to determine if mold levels within the subject building(s) are at levels acceptable by industry standards.

- Andersen Environmental did not observe visible or olfactory indications of the presence of mold, nor did Andersen Environmental observe obvious indications of significant water damage. No sampling was conducted as part of this assessment.

7.6 METHANE GAS

In response to growing concern regarding methane intrusion into buildings and to the potential for methane build-up underneath buildings, certain municipalities have established methane requirements for structures based on the proximity to oil wells and landfills. If a subject property is located in the proximity of active or abandoned oil wells or landfills, methane mitigation devices installed prior to construction activities at a subject property may be necessary.

- The City of Los Angeles Methane Zone map was reviewed to determine if the subject property is located in a methane or methane buffer zone. According to the map reviewed, the subject property is located within a methane buffer zone. Due to the potential environmental risk associated with construction in Methane Zones, the property owner may be required to conduct a methane assessment prior to the redevelopment of the subject property and methane mitigation systems may be required (Division 71 of the Los Angeles Building Code).

8.0 FINDINGS

Andersen Environmental has performed a Phase I Environmental Site Assessment (Phase I) for Jade Enterprises (Client) for an industrial property located at 1155 and 1165 South Main Street, in Los Angeles County and the City of Los Angeles, California, Assessor's Parcel Numbers: 5139-017-015 and 5139-017-016. The research conducted for this study and the report prepared are in conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard and the American Society for Testing and Materials (ASTM) E 1527-13 scope of work.

Site Description

According to our research and information provided by the Client, the following addresses have been found to be associated with the subject property: 1155, 1157, 1159, 1161, and 1165 South Main Street and 111 West 12th Street, Los Angeles, California. The subject property is located at the northern intersection of South Main Street and West 12th Street in the City of Los Angeles. The subject property is 0.33 acres in size and contains two single-story structures which are approximately 8,530 (1165 South Main Street) and 4,900 (1155 South Main Street) square feet in size, respectively. At the time of the site reconnaissance, the structure 1165 South Main Street was divided into five wholesale retail units: Ellie's Fashion (1159A South Main Street), Miss Handbag (1159B South Main Street), Fast Vehicle's Registration Services (1159C South Main Street), vacant space and Polly Trading Company (both 111 West 12th Street). The structure 1155 South Main Street was divided into three retail spaces: Pro Vision Sunglasses (1157 South Main Street) and S.H. Handbags Luggage Backpack (1155A and 1155B South Main Street). The exterior portions of the property consist of an enclosed asphalt paved parking area to the north. The surrounding area is mostly used for commercial purposes. Groundwater is estimated to be between approximately 30- and 40-feet below ground surface in the area of the site.

No significant hazardous material storage or recognized environmental conditions were observed at the site. Those interviewed, as persons familiar with the site were not aware of any negative environmental conditions associated with the property.

Historical Land Use

According to Andersen Environmental's interpretation of the historical research data, the subject property was undeveloped in 1906. In 1921, the south portion of the property (1165 South Main Street parcel) was improved with the existing commercial structure for automotive sales purposes. By 1927, the north portion (1155 South Main Street parcel) was utilized as a parking lot and the structure in the south portion was used for tire sales. By 1950, the structure in the south portion was utilized for tire sales and rebuilding operations and clothing manufacturing. The north portion had been improved with a small office structure and was utilized for automobile sales. By 1967, the clothing manufacturing operations had ceased and the space was utilized for commercial retail purposes. The tire sales and rebuilding operations remained until at least 1987. Sometime prior to 1987, the small office structure was demolished and the north portion was improved with the existing commercial structure. The structure was originally utilized for warehouse purposes. Historical occupants of 1165 South Main Street include: Perfect Tire Company (1927-1928), Crest Embroidery Company (1958), Novisoff & Sons Tire Company (1958), Nadler Sales (1976), and Winston Tire Company (1976-2004). In 2000, both structures were altered for use as apparel and accessory retail, including clothing stores, trading companies, and sunglasses retail. In 2013, one of the retail spaces was converted into office space. Historical occupants since 2000 have included: M&M Trading (2000), Ruida Enterprises Incorporated (2006-2008), SH Trading (2000-2013), ProVision Sunglasses Company (2000-2013), and Weseries (2013).

- The subject property was historically utilized for auto repair operations including tire rebuilding from 1906 to 2004. For more information, please refer to the Environmental Data Search Section below.

- The subject property was historically utilized for clothing manufacturing. However, as clothing manufacturing typically consists of garment cutting/sewing and does not typically include the use of solvents and oils, the former operations are not expected to represent a significant environmental concern to the subject property.
- Occupants of the commercial structure developed in the north portion of the subject property in 1986 were not determined for the period 1986 to 1999. According to building permit records, the structure was inspected as a warehouse in 1987 and by 2000 the structure was converted for commercial retail use. Based on the foregoing, the stringent regulatory oversight during this period (post-1980s) and the lack of evidence to suggest significant industrial operations at the structure, this limitation is not expected to represent a significant environmental concern for the subject property.
- Historical occupants were not determined for the commercial structure in the south of the subject property for period between 1928 and 1949. However, the structure was utilized for the same purposes in 1927 and 1950 (tire sales and repair). Based on the foregoing, it is assumed that the structure was utilized for the same purposes between 1928 and 1949 and this limitation is not expected to represent a significant environmental concern for the subject property.

Environmental Data Search

- **Winston Tire Company #51 (1161-1165 South Main Street) –** The subject property was listed on the Facility and Manifest Data (HAZNET) database. According to the listing, between 1993 and 2000, Winston Tire Company generated hazardous wastes including unspecified aqueous solution, oil/water separation sludge, aqueous solution with total organic residues less than 10 percent, and unspecified solvent mixture. Oil/water separation sludge is indicative of the presence of a clarifier at the subject property. During the site reconnaissance, the majority of the concrete floors in the structure formerly occupied by Winston Tire Company (1165 South Main Street parcel) were not observable. Please refer to the discussion of Los Angeles County Department of Health Services, Public Health Investigations (LACDHS PHI) files below for more information.
- There are no properties within 100-feet of the subject property where a release is considered likely or a known release has occurred.
- In our opinion, none of the other sites listed on the regulatory database report pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.
- The Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances (DTSC), South Coast Air Quality Management District (SCAQMD), Los Angeles Fire Department (LAFD) Hazardous Materials Division (LAFD HazMat), LAFD Central Industrial Unit (LAFD CIU), LAFD Underground Storage Tank Division (LAFD UST), Los Angeles County Department of Health Services, Public Health Investigations (LACDHS PHI), and City of Los Angeles Bureau of Sanitation (LABS) were contacted regarding contaminated groundwater, toxic substances, air emissions equipment, hazardous materials, underground storage tank and industrial wastewater files for the subject property. Additionally, the State Water Resources Control Board (SWRCB) GeoTracker, DTSC EnviroStor, and SCAQMD Facility Information Detail (FIND) databases were reviewed for files for the subject property.
    - According to a review of the databases and responses to our requests, there are no files for the subject property with the exception of the following:

- According to files provided by the LACDHS PHI, an inspection report from August 19, 1995 listed two 55-gallon drums of waste oil disposed by Evergreen Environmental, one 55-gallon drum of used oil filters, one 55-gallon drum of antifreeze, and 30 gallons of parts cleaner. A Notice of Violation was issued to Winston Tires for overflowing waste oil and antifreeze drums, and there were floor drains noted. The inspector asked about the presence of a clarifier, but it was not confirmed whether a clarifier existed or not. An inspection report from July 6, 1998 listed 30 gallons of parts cleaner disposed by Safety Kleen, 55 gallons of antifreeze disposed by Asbury Oil, and 100 gallons of waste oil and used oil filters disposed by Asbury Oil at the Winston Tires auto repair garage on the subject property. The subject property was historically utilized for auto repair operations including tire rebuilding from 1906 to 2004. Records pertaining to the use of hazardous materials for the auto repair tenants prior to 1995 were not available as they operated during a time when the regulatory measures governing the use of hazardous materials of this nature were not as stringent as they are today. Based on the long term duration of the auto repair operations onsite (approximately 98 years), likely use of hazardous materials during a time without stringent regulatory oversight, and documented drains and likely associated clarifier (preferential pathways to the subsurface), the former auto repair operations at the subject property are considered to be a recognized environmental condition.
- At the time this report was issued, no response has been received from LACDHS PHI for 1165 South Main Street. Additionally, no response has been received from SCAQMD for the address 1157 South Main Street. Should relevant information be obtained from these agencies subsequent to issuing this report, an addendum will be prepared and provided to the Client. However, based on the quality of information obtained from other sources, this limitation is not expected to significantly alter the findings of this investigation.

- The user did not provide Andersen Environmental any information either verbally or in writing (i.e. Title Report) regarding environmental cleanup liens or activity and use limitations encumbering the subject property. An environmental lien search was not requested by the user; however, based on our review of the DTSC EnviroStor Database, no environmental liens enforced by the DTSC were identified.

Additional Issues

- Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for asbestos containing building materials within the structure, however, no testing was completed as part of this report. Potential asbestos-containing materials include mastic associated with linoleum and tile flooring. The ACM appeared to be in good condition. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for asbestos containing building materials within the structure is considered to be low. However, individual suspect materials would need to be tested in order to confirm the presence or non-presence of asbestos.
- Based on the age of the structure associated with 1165 South Main Street (1921), there is a potential for lead based paint within the structure. Painted surfaces appeared to be in good condition. However, no testing was completed as part of this report. Based on the age of the structure associated with 1155 South Main Street (1981), the potential for lead based paint within the structure is considered to be low.
- According to our research, radon potential at the subject property is considered low.
- Andersen Environmental did not observe visible or olfactory indications of the presence of mold, nor did Andersen Environmental observe obvious indications of significant water damage.

- The City of Los Angeles Methane Zone map was reviewed to determine if the subject property is located in a methane or methane buffer zone. According to the map reviewed, the subject property is located within a methane buffer zone. Due to the potential environmental risk associated with construction in Methane Zones, the property owner may be required to conduct a methane assessment prior to the redevelopment of the subject property and methane mitigation systems may be required (Division 71 of the Los Angeles Building Code).

CONCLUSIONS

Andersen Environmental has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice 1527-13, at 1155 and 1165 South Main Street, Los Angeles, California, the subject property. Any exceptions to or deletions from this practice are described in the individual sections of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property except for the following:

Recognized Environmental Conditions (REC)
The potential for hazardous materials to impact the property subsurface from former auto repair operations at the subject property for 98 years (1906 to 2004) with documented drains and likely associated clarifier represents a REC.

Historic Recognized Environmental Condition (HREC)
In our opinion, no HRECs were revealed during the course of our assessment

Controlled Recognized Environmental Condition (CREC)
In our opinion, no CRECs were revealed during the course of our assessment.

RECOMMENDATIONS

Based on the foregoing, a Phase II Environmental Site Assessment is recommended.

SIGNATURES

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by: Date: March 19, 2014



Gareth Howell
Project Manager

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Reviewed By: Date: March 19, 2014



Nicole J. Rivera
Senior Project Manager

REFERENCES

ASTM, 2013. Subcommittee E50.2 Commercial Real Estate Transactions, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13, West Conshohocken, PA 35pp.

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California Department of Conservation, California Geologic Survey - http://www.consrv.ca.gov/CGS

California Department of Water Resources, Individual Basin Descriptions - http://www.groundwater.water.ca.gov/bulletin118

Google Earth - http://earth.google.com/

Navigate LA - http://navigatela.lacity.org/

RealQuest- http://www.realquest.com/jsp/rq.jsp?action=switch&page=main

Los Angeles County Office of the Assessor - http://maps.assessor.lacounty.gov/

GeoTracker - http://geotracker.waterboards.ca.gov/

APPENDIX I

ILLUSTRATIONS

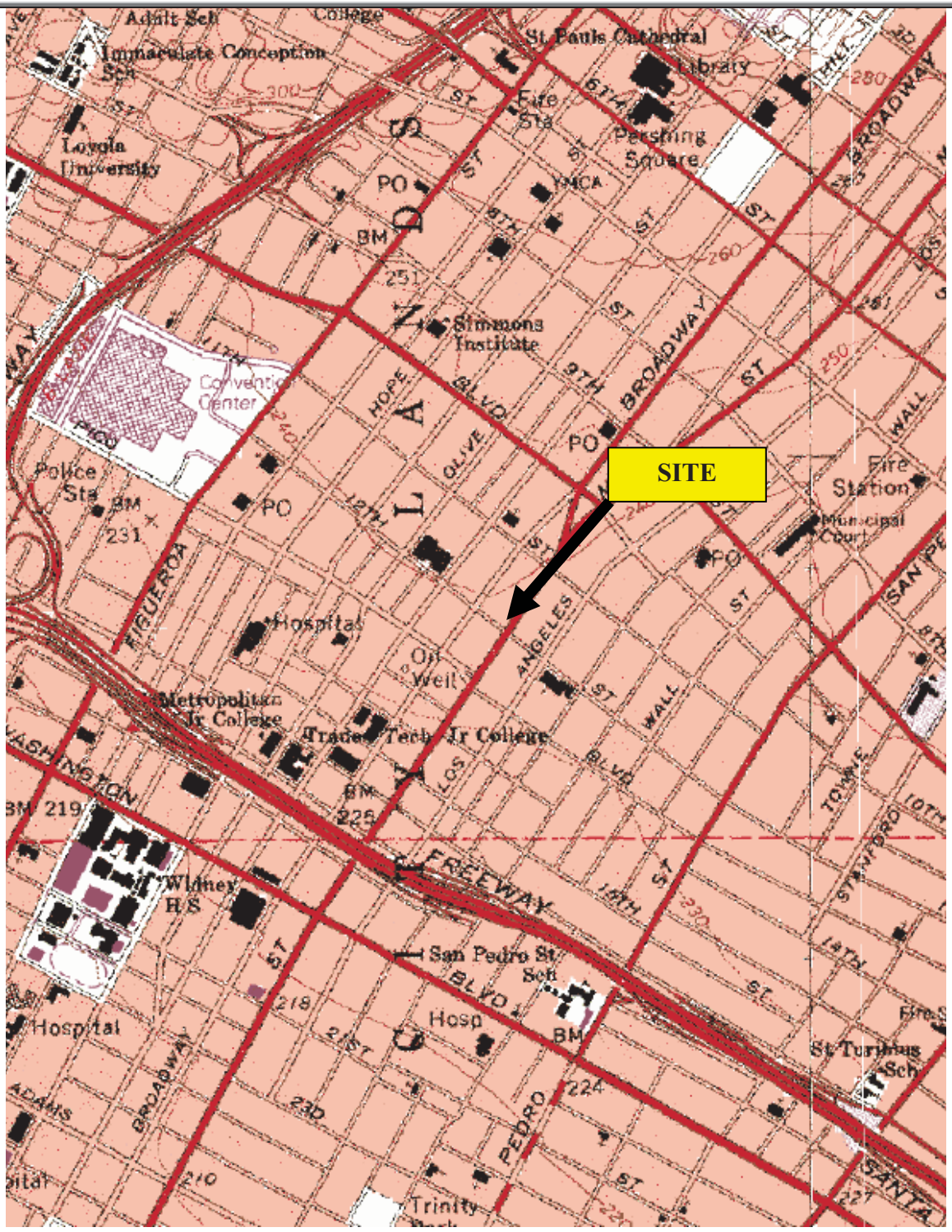


Figure 1: TOPOGRAPHIC MAP	Source: USGS Hollywood, CA 7.5 minute Quadrangle Map

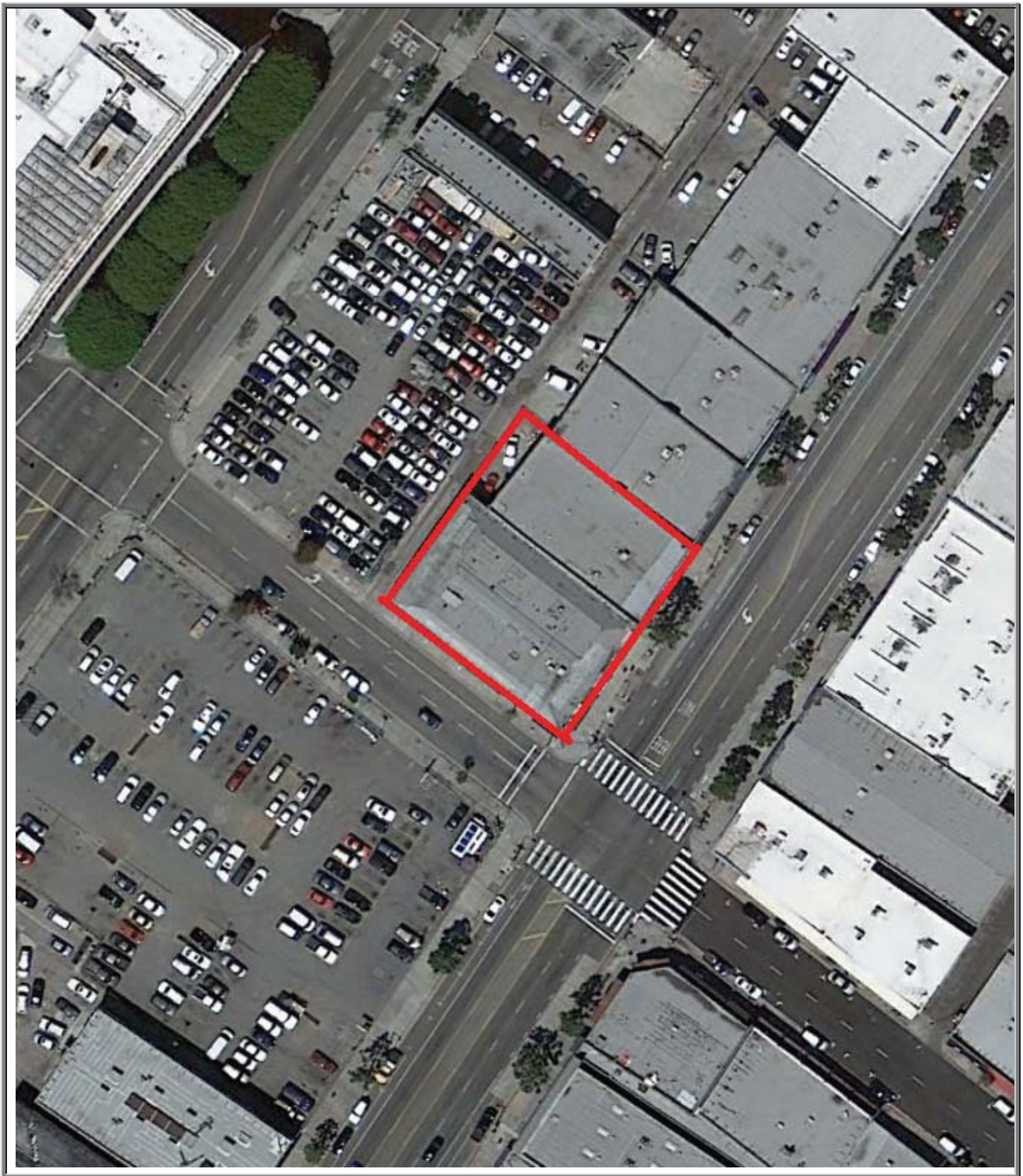


Figure 2: Site Location Map	Source: Google Maps ©

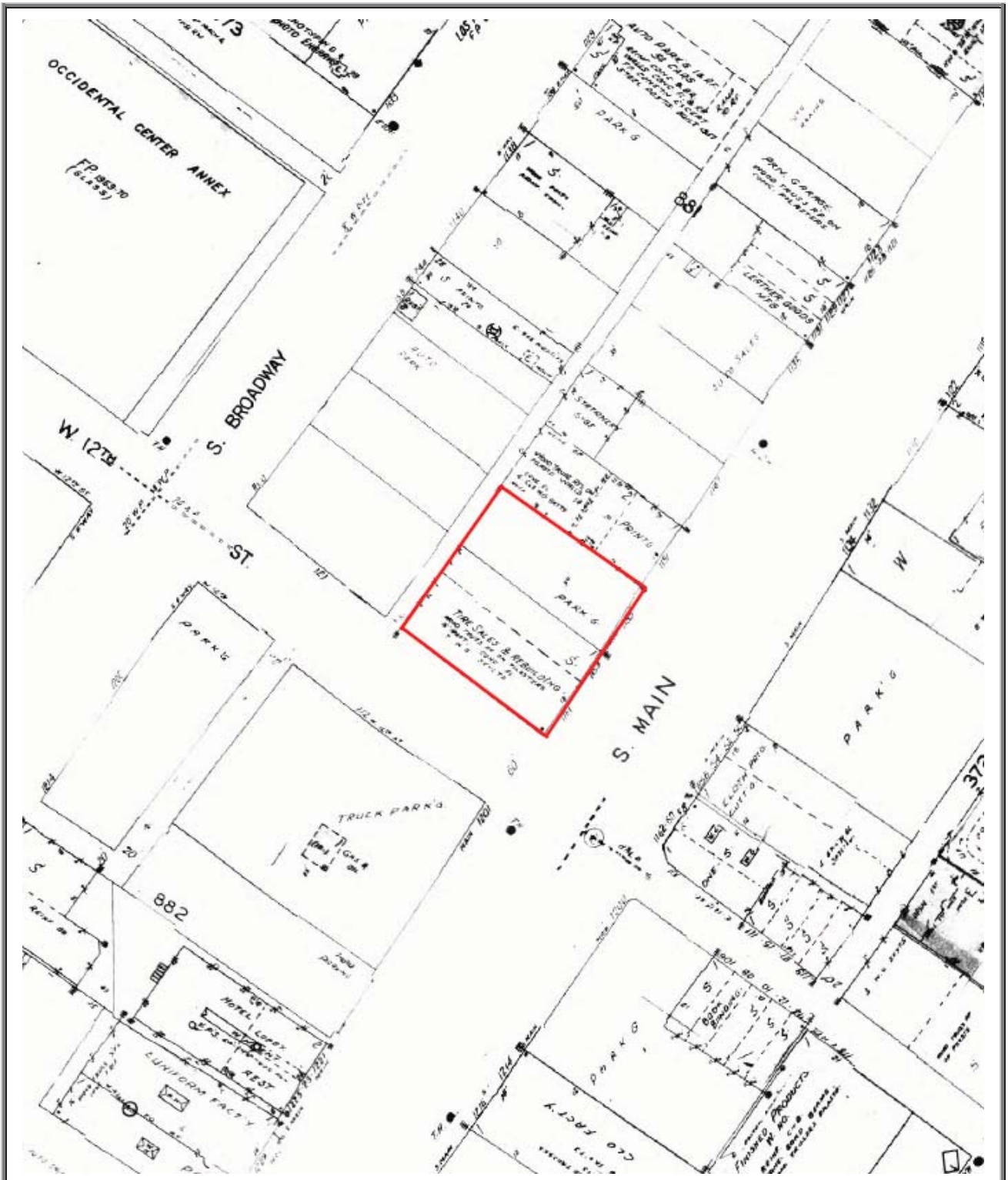


Figure 5A: 1970 SANBORN MAP	Source: EDR

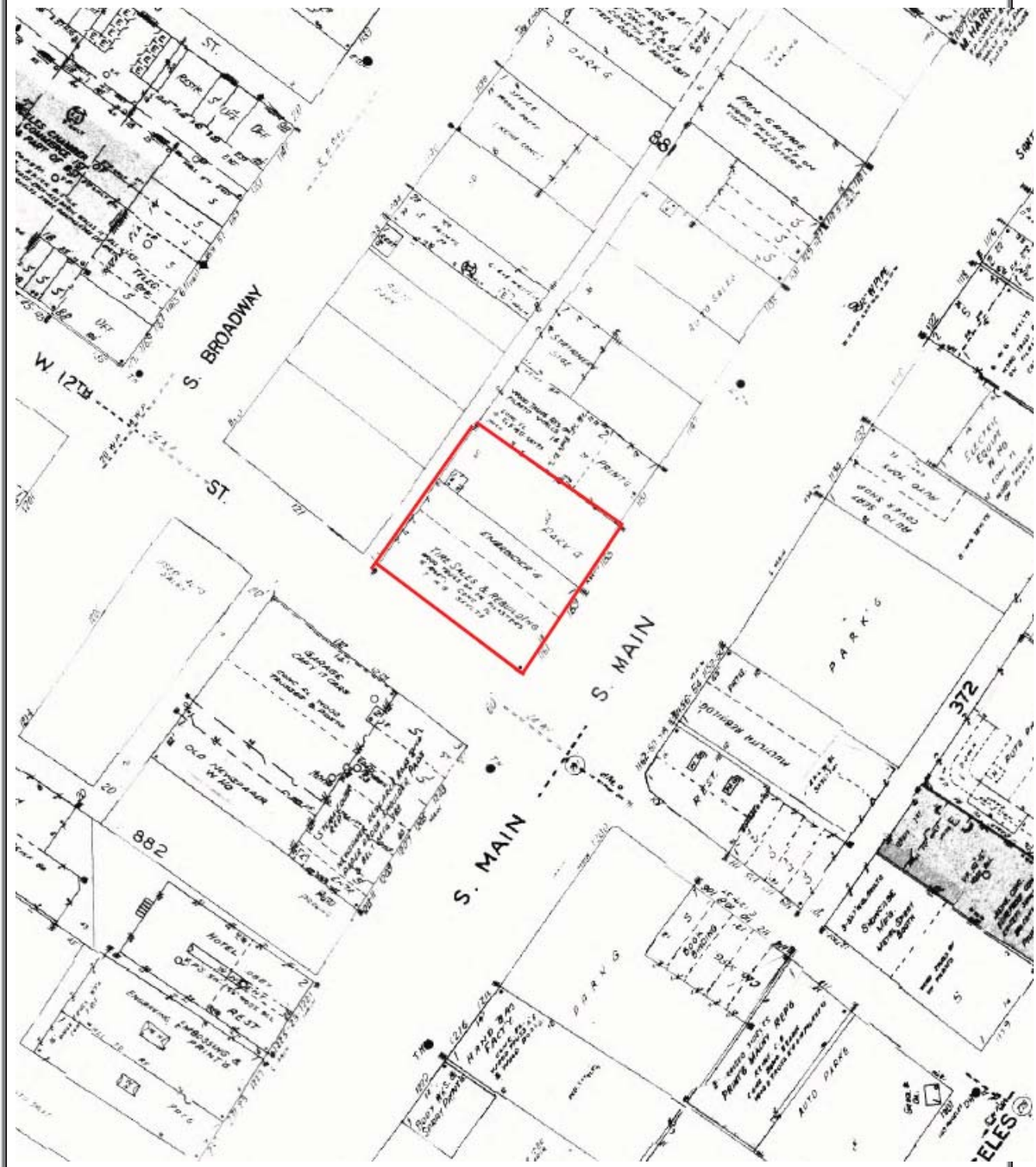


Figure 5B: 1960 SANBORN MAP	Source: EDR



Figure 5C: 1953 SANBORN MAP	Source: EDR

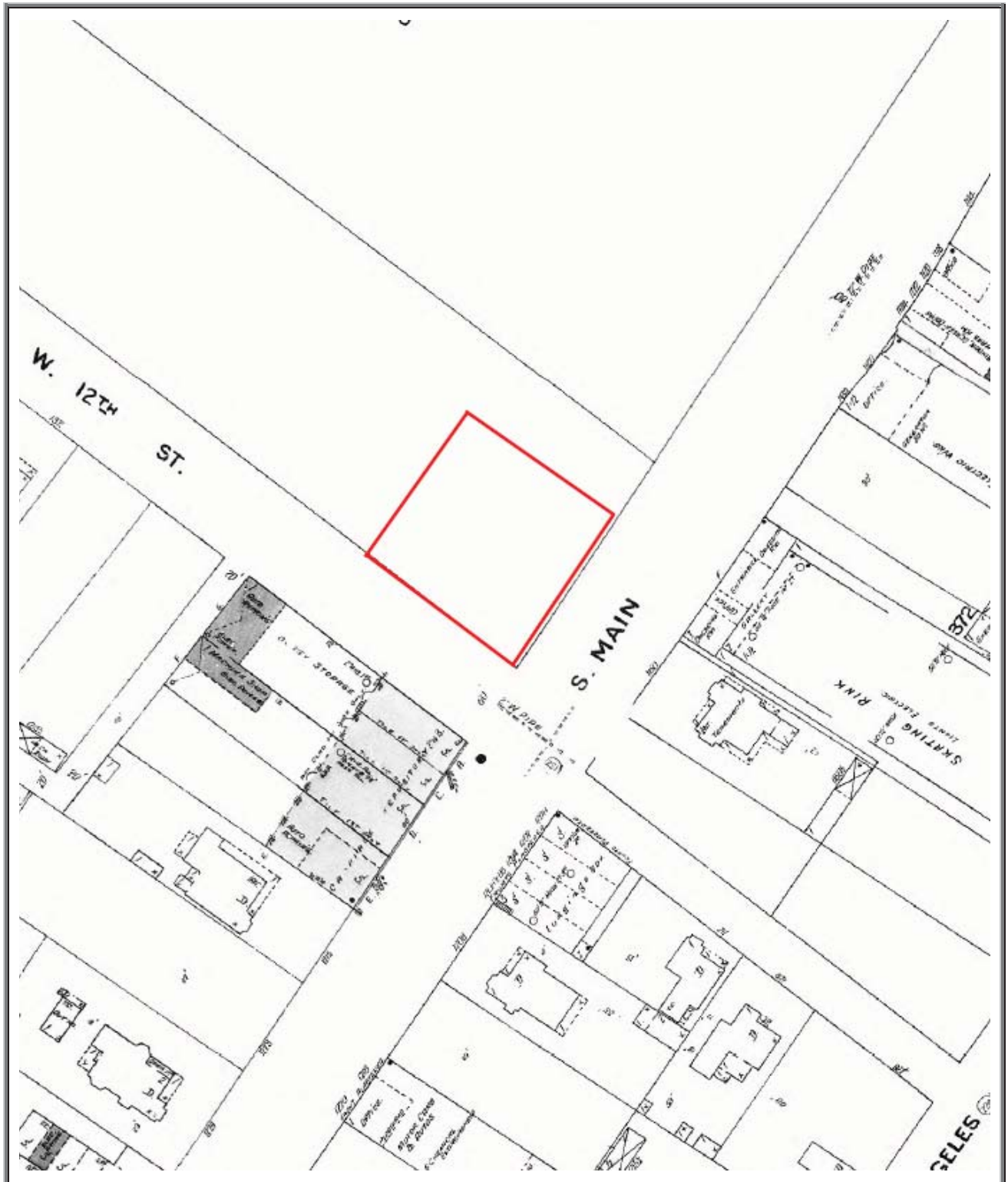


Figure 5D: 1906 SANBORN MAP	Source: EDR

APPENDIX II

RADIUS MAP REPORT

APPENDIX III

SUPPORTING DOCUMENTATION

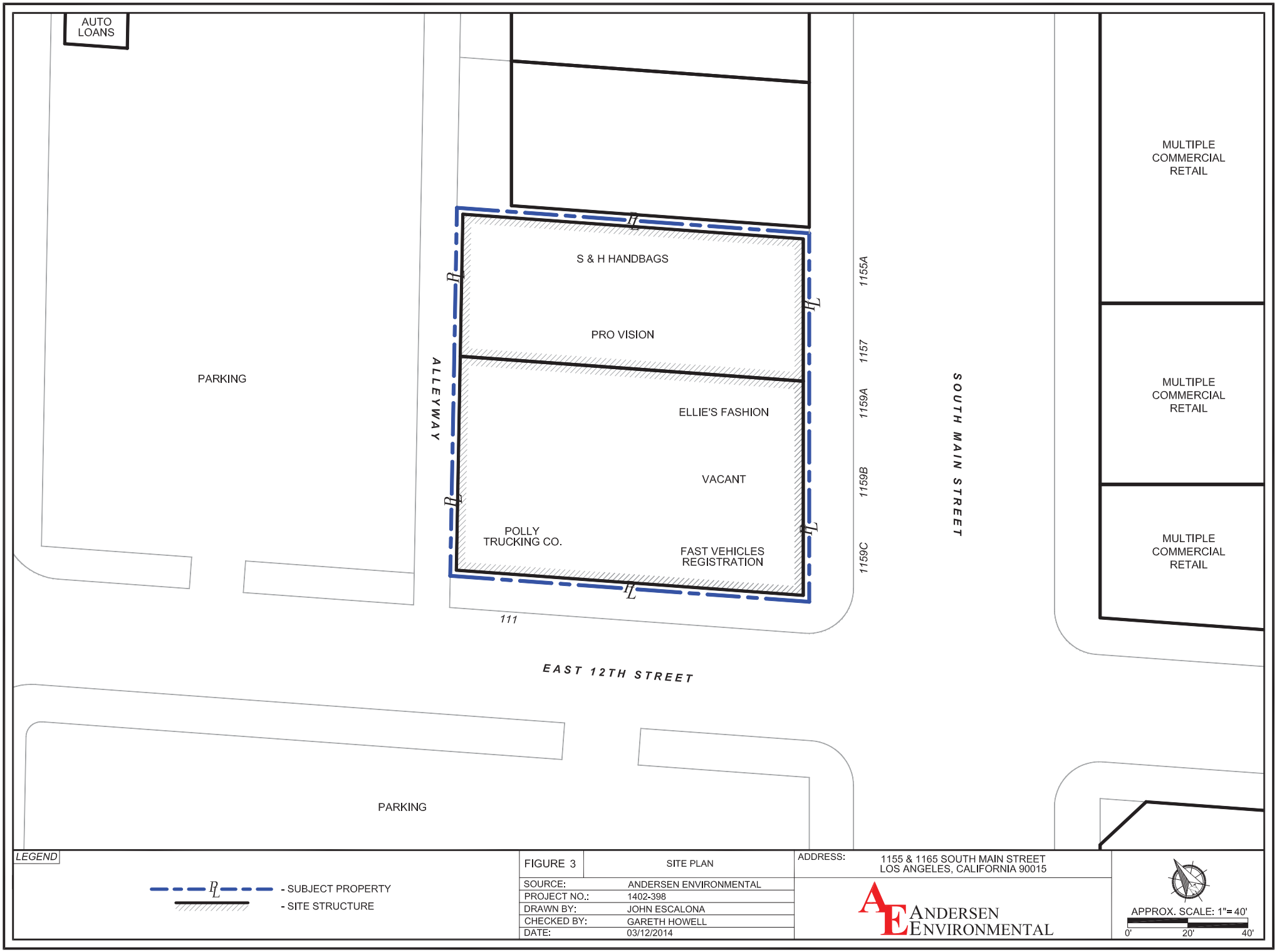

AUTO LOANS
PARKING
ALLEYWAY
S & H HANDBAGS
PRO VISION
ELLIE'S FASHION
VACANT
POLLY TRUCKING CO.
FAST VEHICLES REGISTRATION
1155A
1157
1159A
1159B
1159C
111
SOUTH MAIN STREET
MULTIPLE COMMERCIAL RETAIL
MULTIPLE COMMERCIAL RETAIL
MULTIPLE COMMERCIAL RETAIL
EAST 12TH STREET
PARKING
LEGEND
- SUBJECT PROPERTY
- SITE STRUCTURE
FIGURE 3
SITE PLAN
SOURCE: ANDERSEN ENVIRONMENTAL
PROJECT NO.: 1402-398
DRAWN BY: JOHN ESCALONA
CHECKED BY: GARETH HOWELL
DATE: 03/12/2014
ADDRESS: 1155 & 1165 SOUTH MAIN STREET
LOS ANGELES, CALIFORNIA 90015
ANDERSEN ENVIRONMENTAL
APPROX. SCALE: 1"= 40'
0' 20' 40'

Figure 4: SITE PHOTOGRAPHS



Photo 1: Subject Property



Photo 2: North adjoining property

Figure 4: SITE PHOTOGRAPHS



Photo 3: Northeast adjoining property



Photo 4: Southeast adjoining property

Figure 4: SITE PHOTOGRAPHS



Photo 5: Northwest adjoining property

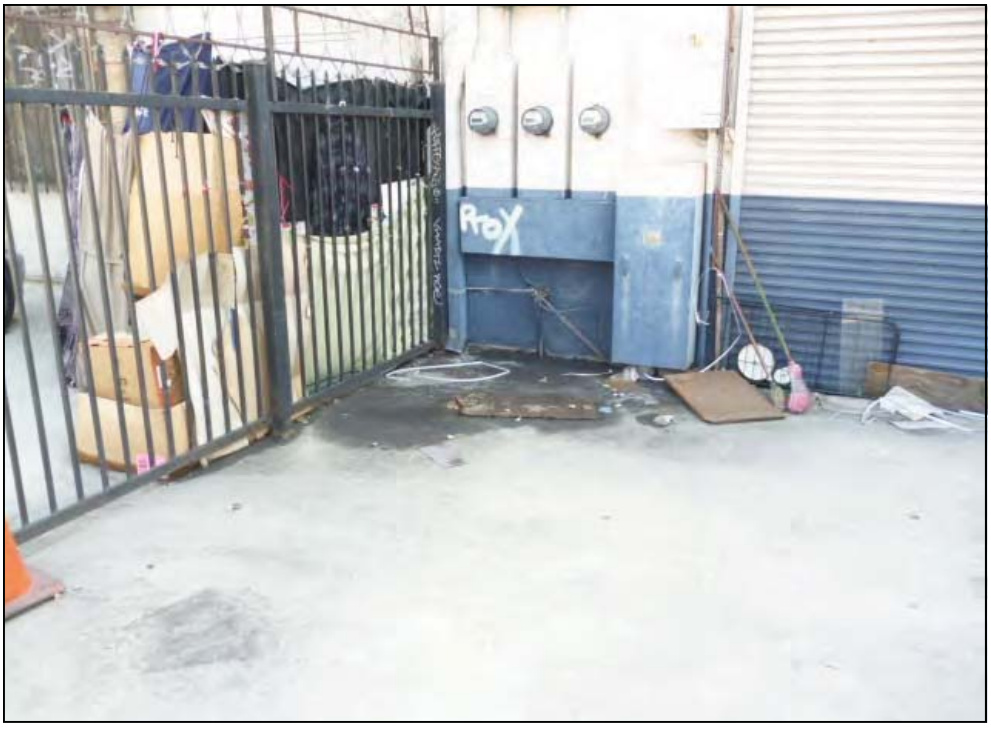


Photo 6: Exterior portion of subject property

Figure 4: SITE PHOTOGRAPHS



Photo 7: Interior of Ellie's Fashion



Photo 8: Interior of Miss Handbag

Figure 4: SITE PHOTOGRAPHS



Photo 9: Interior storage area of Polly Trading Company



Photo 10: Box clutter within Polly Trading Company

Figure 4: SITE PHOTOGRAPHS



Photo 11: Box clutter within Polly Trading Company



Photo 12: Interior of vacant unit

Figure 4: SITE PHOTOGRAPHS



Photo 13: Office space on the mezzanine level



Photo 14: Retail space of S.H. Handbags Luggage Backpack

ANDERSEN ENVIRONMENTAL
5261 W. Imperial Highway, Los Angeles, CA 90045
Toll Free: (888) 705-6300 Tel: (310) 854-6300 Fax: (310) 854-0199

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

PERFORMED AT

1155 & 1165 South Main Street
Los Angeles, CA 90015

Andersen Environmental Project No. 1404-788

PREPARED FOR

Solarium Enterprises, LP
888 South Figueroa Street, Suite 1900
Los Angeles, California 90017

May 28, 2014

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Appendix B: Laboratory Report and Chain-of-Custody Documentation

INTRODUCTION

Andersen Environmental has performed a Phase II Environmental Site Assessment (ESA) for the property located at 1155 and 1165 South Main Street in Los Angeles, California (the Site). The assessment was based on a Phase I ESA conducted by Andersen Environmental dated March 14, 2014 (Andersen project #1402-398), which identified a Recognized Environmental Concern (RECs) at the Site. Based on a review of historical documentation, former site uses included auto repair/tire sales from the 1900s to 1990s. Additionally, HAZNET listings in the environmental database report oil/water separation sludge from 1993 to 2000, which is typically indicative of a clarifier or similar feature.

The former presence of auto repair operations and likely use of hazardous materials during a time without stringent regulatory oversight, as well as documented drains and the potentially associated clarifier (preferential pathways to the subsurface), at the Site were considered to be a recognized environmental condition. As such, Andersen conducted this Phase II ESA in an attempt to evaluate whether former operations have significantly impacted the subsurface of the Site. Contaminants of concern included petroleum hydrocarbons and VOCs in soil and soil vapor.

SITE INFORMATION

SITE LOCATION AND DESCRIPTION

The Site is located at the northern intersection of South Main Street and West 12th Street in the City of Los Angeles (Figure 1). The subject property is 0.33 acres in size and contains two single-story structures which are approximately 8,530 (1165 South Main Street) and 4,900 (1155 South Main Street) square feet in size, respectively (Figure 2). The structure 1165 South Main Street was divided into five wholesale retail units: Ellie's Fashion (1159A South Main Street), Miss Handbag (1159B South Main Street), Fast Vehicle's Registration Services (1159C South Main Street), vacant space and Polly Trading Company (both 111 West 12th Street). The structure 1155 South Main Street was divided into three retail spaces: Pro Vision Sunglasses (1157 South Main Street) and S.H. Handbags Luggage Backpack (1155A and 1155B South Main Street). The exterior portions of the property consist of an enclosed asphalt paved parking area to the north. The surrounding area is mostly used for commercial purposes.

According to the Phase I ESA, former auto repair operations, including the likely location of the oil/water separation sludge feature, were limited to the southern portion of the property.

REGIONAL GEOLOGIC AND HYDROGEOLOGIC SETTING

The Site is located in the Los Angeles Basin, which is a part of the Peninsular Range geologic province, between the Pacific Ocean and the Inglewood-Newport Fault Zone. The Peninsular Range province, which is characterized by northwest-trending topographic and structural features, is bound by the Transverse Range province to the north and the Colorado Desert Province to the east. The inland part of the Peninsular Range province consists of numerous mountain ranges that are composed predominantly of igneous and metamorphic rocks of Mesozoic and Paleozoic age. An irregular coastal plain is located on the western edge of the province (including the Los Angeles Coastal Plain and Basin), which is composed predominantly of marine and non-marine clastic deposits of Upper Cretaceous, Tertiary and Quaternary age.

The Site is located south of the hills of the Silver Lake area. The Site is underlain with Quaternary-aged surficial sediment deposits of Holocene and Pleistocene age. These deposits are generally characterized as clay, sand and gravel alluvium including sediments of minor stream channels and alluvial fan sediments (Geologic Map of the Hollywood and Burbank Quadrangles, USGS, 1991).

These sediments are underlain by the Fernando Formation of Pliocene age, a consolidated but crumbly gray to greenish-gray claystone-siltstone, in part sandy, which is vaguely bedded and locally fossiliferous. Beneath the Fernando Formation is an unnamed shale of Miocene age (geologically associated with the Puente formation, upper Modelo Formation and Sisquoc Shale), which is characterized as tan to light gray semi-friable sandstone including thin interbeds of micaceous silty clay shale. Within the vicinity of the Site, the shale appears to dip to the south. The Fernando Formation and unnamed shale surface to the north and northeast.

LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING

The elevation of the Site is approximately 241 feet above mean sea level (USGS Hollywood, California 7.5 minute topographic quadrangle; Figure 1). Surface topography dips gradually to the south and southwest. According to the Geologic Map of the Hollywood and Burbank Quadrangles, USGS, 1991, the Site is located on the eastern portion of the Los Angeles Downtown Oil Field.

Based on a review of groundwater data presented in the State Water Resources Control Board (SWRCB) Geotracker website, groundwater was detected at a leaking underground storage tank site (504 West Olympic Boulevard) approximately 0.35 miles north-northwest of the subject property at between approximately 30- and 40-feet below ground surface. However, perched and semi-perched aquifers may be present beneath the site. Based on topographic map interpretation, regional groundwater flow direction is estimated to be to the southwest; however local groundwater flow direction may vary.

FIELD ACTIVITIES

FIELD PREPARATION

Prior to conducting field activities, Andersen Environmental personnel marked the work area in white paint. Underground Services Alert (USA) was notified of the pending fieldwork a minimum of 48 hours before mobilization. Boring locations were subsequently checked for utility conflicts, access limitations and other hindrances or issues which may have been encountered during fieldwork. No conflicts with utilities were identified in the chosen boring locations.

Prior to field activities, an additional Site inspection was conducted to further evaluate potential subsurface features and evidence of former operations. Prior to drilling activities, four areas of patching were observed within the Site structure (Figure 2), and boring locations were biased towards such features. No currently-present clarifier was identified during the site reconnaissance in the areas with exposed concrete. Site tenants provided reasonable access below merchandise and stored items to perform the visual inspection. Some areas within tenant spaces were refinished with linoleum and alternative floor coverings, and in such areas inspection below these features are not possible.

Remaining boring locations were distributed throughout the areas if investigation to provide reasonable lateral coverage.

SOIL VAPOR SAMPLING

On May 9, 2014 Andersen Environmental directed Optimal Technologies (Optimal) to perform soil vapor sampling and analysis in eight soil vapor boring locations (SV-1 through SV-8; Figure 2). Soil vapor sampling was performed by hydraulically pushing soil vapor probes to a depth of 5.0 feet below ground surface (bgs). An electric rotary hammer drill was used to drill a 1.0-inch diameter hole through the overlying surface to allow probe placement when required. The same electric hammer drill was used to push probes in areas of resistance during placement. At each sampling location an electric vacuum pump

set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the probe and purged prior to sample collection. Vapor samples were obtained in SGE gas-tight syringes by drawing the sample through a luer-lock connection which connects the sampling probe and the vacuum pump.

Each sample was analyzed on-site by immediately injected the recovered vapor into a gas chromatograph/purge and trap after collection. New tubing was used at each sampling point to prevent cross contamination. All analyses were performed via Modified EPA Method 8260B on a laboratory-grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Hewlett Packard model 5971 Mass Spectra Detector and Tekmar LSC 2000 Purge and Trap. An SGE capillary column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Hewlett Packard's 5971 MS and chromatographic data collection and handling system. A copy of the Optimal Technologies report is attached in the supporting documents section of this report.

SOIL SAMPLING

Upon completion of soil vapor sampling, two soil samples (B1-5' and B2-5') were collected from two of the abandoned soil vapor probe locations (SV4 and SV8, respectively) determined by Andersen Environmental's field personnel to be the areas most likely to be in the vicinity of subsurface soils which may have been impacted by former auto repair operations at the site (Figure 2). Soil sampling was conducted adjacent to suspected concrete patching.

Soil borings were advanced by driving an approximately one-inch diameter drive rod to the terminal depth using a rotary hammer drill. Soil samples were collected at depths of 5-feet bgs by advancing an approximately 0.5-foot pre-cleaned steel sampling tube below the drive rod and immediately retrieving it. The samples were immediately sealed with Teflon® liners and firm-fitting caps, labeled, logged on a chain of custody and chilled pending transportation and submittal to Positive Lab Service of Los Angeles, California (a State-certified analytical laboratory).

Soils encountered during this assessment were described as silty sands (USCS soil classification "SM"), fine- to medium- grained, dense. No groundwater was encountered during this assessment.

ANALYTICAL SCHEDULE

SOIL VAPOR ANALYTICAL SCHEDULE

All soil vapor samples were analyzed on-site for VOCs by Modified EPA Method 8260B.

SOIL ANALYTICAL SCHEDULE

Soil samples B1-5' and B2-5' were selected for analysis Extractable Range Petroleum Hydrocarbons (ERPH) by EPA Method 8015M and Volatile Organic Compounds (VOCs) by EPA Method 8260B.

ANALYTICAL RESULTS

SOIL VAPOR ANALYTICAL RESULTS

A summary of soil vapor analytical results for VOCs are presented in Table 1. The full laboratory analytical report is provided as part of the Optimal Technologies report in Appendix A.

No VOCs were detected in any soil vapor samples analyzed during this assessment; therefore VOCs in soil vapor do not pose a significant concern to the environment or human health within the areas investigated.

SOIL ANALYTICAL RESULTS

A summary of soil analytical results for ERPH and VOCs is presented in Tables 2 and 3, respectively. The full laboratory analytical report is presented as Appendix B.

Laboratory analysis of Sample B2-5' detected diesel range petroleum hydrocarbons (C13-C22) at a concentration of 3.13 milligrams per kilogram (mg/kg). The detected was compared to Maximum Soil Screening Levels established by the Los Angeles Regional Water Quality Control Board (LARWQCB) in their May 1996 Guidebook. MSSLs are determined based on sample distance above groundwater. The concentration of petroleum hydrocarbons detected in Sample B2-5' is significantly less than the MSSL of 1,000 mg/kg for sites with distance to groundwater between 20 and 150 feet. Petroleum hydrocarbons were not detected in Sample B1-5'.

Therefore, it is the opinion of Andersen Environmental that petroleum hydrocarbons in the locations sampled does not pose a significant threat to human health or the environment at this time.

No VOCs were detected in any soil samples analyzed by EPA Method 8260B; therefore VOCs in soil do not pose a significant concern to the environment within the areas investigated.

CONCLUSIONS AND RECOMMENDATIONS

Andersen Environmental has performed a Phase II ESA for the site located at 1155 and 1165 South Main Street in Los Angeles, California. The assessment was based on a Phase I ESA conducted by Andersen Environmental dated March 14, 2014, which recommended evaluation of the subsurface to confirm former auto repair / tire sales operations and potential former/current clarifier had not significantly impacted the subsurface. Results of the current investigation are summarized as follows:

- A total of eight soil vapor probes were advanced throughout the property to acquire soil vapor samples within the area of the former auto repair operations and suspected associated clarifier area. All soil vapor samples were analyzed for VOCs by Modified EPA Method 8260B. No VOCs were detected in any soil vapor samples analyzed during this assessment; therefore VOCs in soil vapor do not pose a significant concern to the environment within the areas investigated.
- A total of two soil samples were collected adjacent to concrete patching in the auto repair area. Both soil samples were analyzed for ERPH via EPA Method 8015M and VOCs via EPA method 8260B. Sample B2-5' detected diesel range petroleum hydrocarbons (TPH C13-C22) at a maximum concentration of 3.13 mg/kg, which is significantly less than the site specific MSSL of 1000 mg/kg, and is considered to be *de minimis*. Therefore, it is Andersen Environmental's opinion that ERPH does not currently represent a risk to human health or the environment within the area sampled.
- No VOCs were detected in any soil samples analyzed during this assessment; therefore VOCs in soil do not pose a significant concern to the environment within the areas investigated.

Based on results of this investigation, Andersen Environmental recommends no further assessment of Site features identified at this time in the areas investigated. During redevelopment and/or removal of floor coverings (including carpeting and tiles) in the southern and eastern portion of the Site, if any currently-unidentified features such as remnants of a clarifier are identified, please contact Andersen Environmental to inspect and evaluate the feature(s) at that time.

RELIANCE

This report has been prepared for the sole use of Solarium Enterprises, LP. The contents should not be relied upon by any other parties without the express written consent of Solarium Enterprises, LP and Andersen Environmental.

SIGNATURES

Prepared By: Date: May 28, 2014



Shayan Simantob
Sr. Project Manager

Reviewed by: Date: May 28, 2014





Brian Martasin, PG # 8356
Principal Geologist

FIGURES

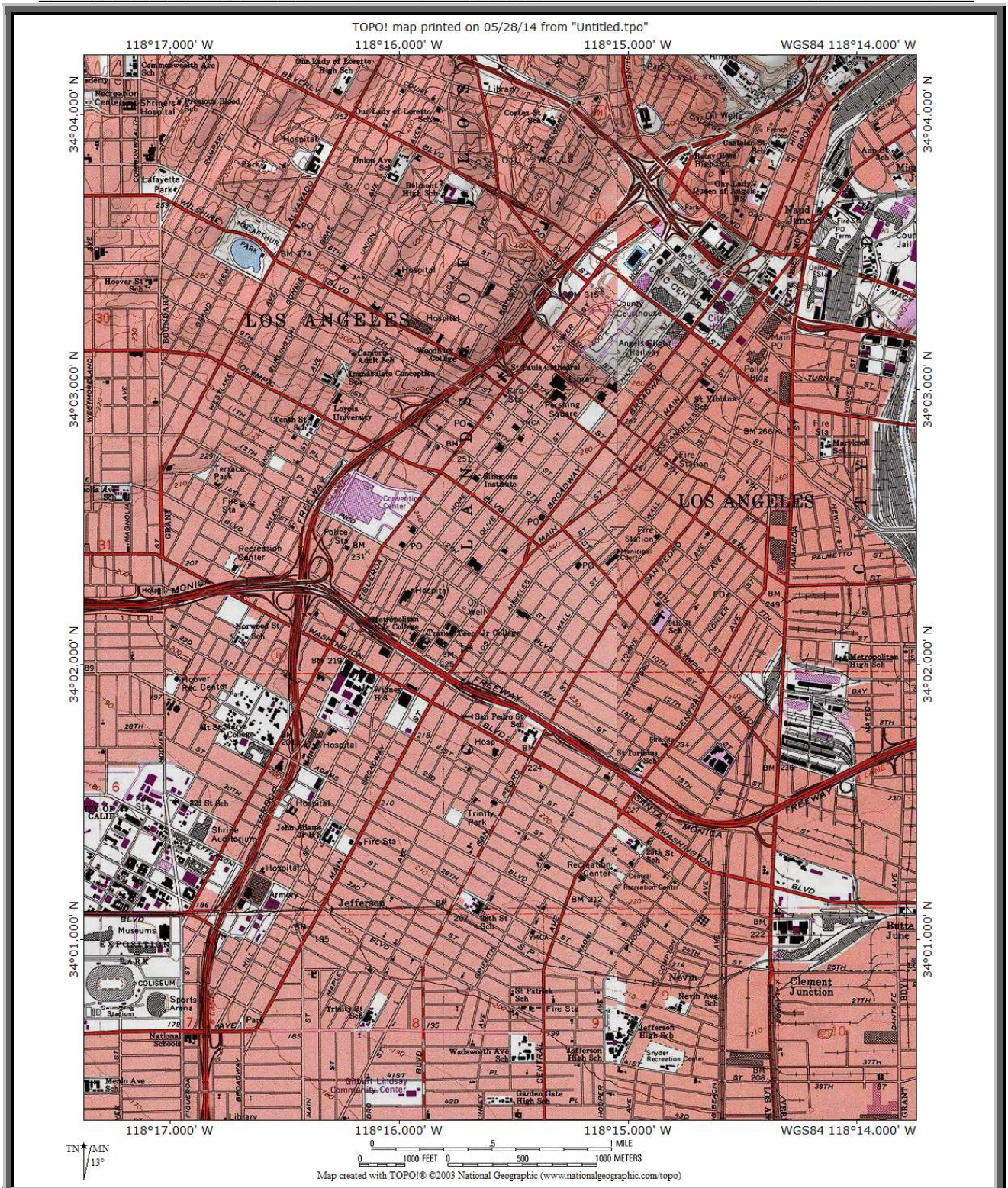
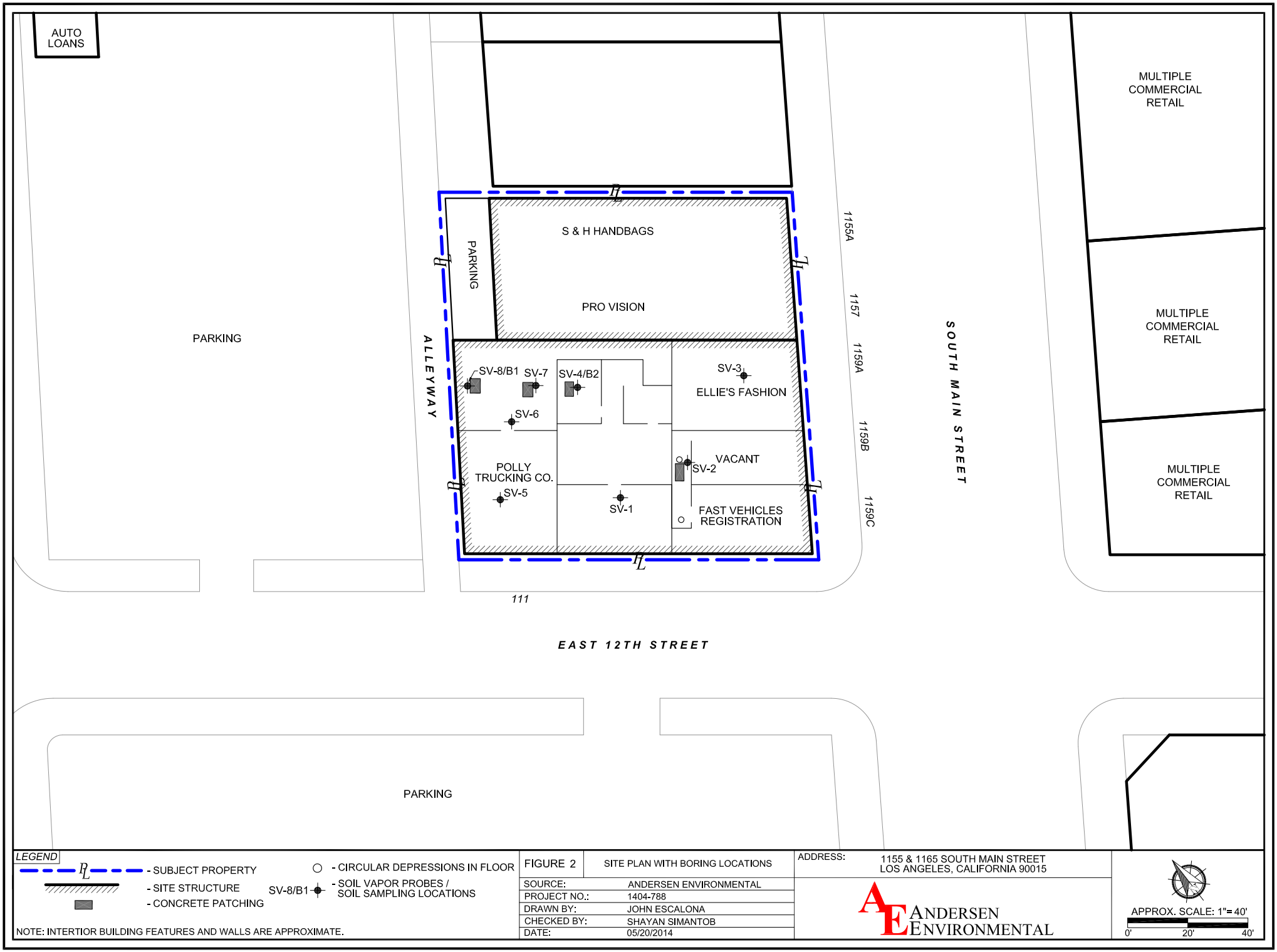


Figure 1: Site Location Map

Source: USGS Hollywood, CA 7.5 minute Quadrangle Map


AUTO LOANS
PARKING
ALLEYWAY
PARKING
S & H HANDBAGS
PRO VISION
SV-8/B1
SV-7
SV-4/B2
SV-3
ELLIE'S FASHION
SV-6
POLLY TRUCKING CO.
SV-5
SV-1
VACANT
SV-2
FAST VEHICLES REGISTRATION
1155A
1157
1159A
1159B
1159C
SOUTH MAIN STREET
MULTIPLE COMMERCIAL RETAIL
MULTIPLE COMMERCIAL RETAIL
MULTIPLE COMMERCIAL RETAIL
111
EAST 12TH STREET
PARKING
LEGEND
- SUBJECT PROPERTY
- SITE STRUCTURE
- CONCRETE PATCHING
SV-8/B1
- CIRCULAR DEPRESSIONS IN FLOOR
- SOIL VAPOR PROBES / SOIL SAMPLING LOCATIONS
NOTE: INTERTIOR BUILDING FEATURES AND WALLS ARE APPROXIMATE.
FIGURE 2
SITE PLAN WITH BORING LOCATIONS
SOURCE: ANDERSEN ENVIRONMENTAL
PROJECT NO.: 1404-788
DRAWN BY: JOHN ESCALONA
CHECKED BY: SHAYAN SIMANTOB
DATE: 05/20/2014
ADDRESS: 1155 & 1165 SOUTH MAIN STREET LOS ANGELES, CALIFORNIA 90015
ANDERSEN ENVIRONMENTAL
APPROX. SCALE: 1"= 40'
0' 20' 40'

TABLES

Table 1:
Soil Vapor Analytical Results
VOCs by EPA Method 8260B
(µg/L)

Sample ID - Depth	All 8260B VOC Analytes
VP1-5'	ND
VP2-5'	ND
VP3-5'	ND
VP4-5'	ND
VP5-5'	ND
VP6-5'	ND
VP7-5'	ND
VP8-5'	ND

Notes:

µg/l- micrograms per liter

VOC- Volatile Organic Compound

ND- Not Detected above laboratory detection limit

NA- Not Applicable

Table 2:
Soil Analytical Results
ERPH by EPA Method 8015M
(mg/kg)

Sample ID - Depth	Diesel Range TPH (C13 - C22)	Oil Range TPH (C23 - C36)
B1-5'	ND	ND
B2-5'	3.13	ND
MSSL	**1,000**	**10,000**

Notes:

MSSL- Maximum Soil Screening Level for sites with distance to groundwater between 20 and 150 feet (LARWQCB, May 1996 Guidebook)

ERPH- Extractabale Range Petroleum Hydrocarbons

TPH- Total Petroleum Hydrocarbons

mg/kg- milligrams per kilogram

VOC- Volatile Organic Compound

ND- Not Detected above laboratory detection limit

Table 3:
Soil Analytical Results
VOCs by EPA Method 8260B
(µg/kg)

Sample ID - Depth	All 8260 VOC Analytes
B1-5'	ND
B2-5'	ND

Notes:

µg/kg- micrograms per kilogram

VOC- Volatile Organic Compound

ND- Not Detected above laboratory detection limit

APPENDIX A

OPTIMAL TECHNOLOGIES SOIL VAPORY SURVEY LETTER REPORT

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

May 12, 2014

Mr. Shayan Simantob
Andersen Environmental
5261 West Imperial Highway
Los Angeles, CA 90045

Dear Mr. Simantob:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for Andersen Environmental on May 9, 2014. The study was performed at 1155 S. Main Street, Los Angeles, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

Gas sampling was performed by hydraulically pushing soil gas probes to a depth of 5.0 feet below ground surface (bgs). An electric rotary hammer drill was used to drill a 1.0-inch diameter hole through the overlying surface to allow probe placement when required. The same electric hammer drill was used to push probes in areas of resistance during placement.

At each sampling location an electric vacuum pump set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the probe and purged prior to sample collection. Vapor samples were obtained in SGE gas-tight syringes by drawing the sample through a luer-lock connection which connects the sampling probe and the vacuum pump. Samples were immediately injected into the gas chromatograph/purge and trap after collection. New tubing was used at each sampling point to prevent cross contamination.

All analyses were performed on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Hewlett Packard model 5971 Mass Spectra Detector and Tekmar LSC 2000 Purge and Trap. An SGE capillary column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Hewlett Packard's 5971 MS and chromatographic data collection and handling system.

Quality Assurance

5-Point Calibration
The initial five point calibration consisted of 20, 50, 100, 200 and 500 ul injections of the calibration standard. A calibration factor on each analyte was generated using a best fit line method using the HP data system. If the r^2 factor generated from this line was not greater than 0.990, an additional five point calibration would have been performed. Method reporting limits were calculated to be 0.01-1.0 micrograms per Liter (ug/L) for the individual compounds.

A daily calibration check and end of run calibration check was performed using a pre-mixed standard supplied by Scotty Analyzed Gases. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter (ng/ul) and 0.25 ng/ul.

TABLE 1

Dichlorodifluoromethane	Carbon Tetrachloride	Chloroethane
Trichlorofluoromethane	1,2-Dichloroethane	Benzene
1,1-Dichloroethene	Trichloroethene	Toluene
Methylene Chloride	1,1,2-Trichloroethane	Ethylbenzene
trans-1,2-Dichloroethene	Tetrachloroethene	m-/p-Xylene
1,1-Dichloroethane	Chloroform	o-Xylene
cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane	Vinyl Chloride
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	Freon 113
4-Methyl-2-Pentanone	Cyclohexane	Acetone
Chlorobenzene	2-Butanone	Isobutane

Sample Replicates
A replicate analysis (duplicate) was run to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks
Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Tracer Gas
A tracer gas was applied to the soil gas probes near each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. Isobutane was used as the tracer gas, found in common shaving cream. No Isobutane was found in any of the samples collected.

Scope of Work

To achieve the objective of this investigation a total of 9 vapor samples were collected from 8 locations at the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Subsurface Conditions

Soil conditions offered sampling flows at 0" water vacuum. Depth to groundwater was unknown at the time of the investigation.

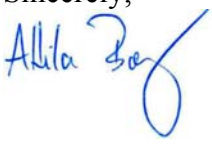
Results

During this vapor investigation none of the compounds listed in Table 1 above were detected above the listed reporting limits. A complete table of analytical results is included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions please contact me at (877) 764-5427.

Sincerely,



Attila Baly
Project Manager

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

SOIL VAPOR RESULTS

Site Name: 1155 S. Main Street, Los Angeles, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detector: HP-5971 Mass Spectrometer

Date: 5/9/14

SAMPLE ID	BLANK-1	SV-4	SV-1	SV-3	SV-2	SV-6	SV-5	SV-8
Sampling Depth (Ft.)	N/A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Purge Volume (ml)	N/A	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)
Dichlorodifluoromethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.02	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.04	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	0.10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	0.10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1.00	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.03	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.40	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1.00	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

SOIL VAPOR RESULTS

Site Name: 1155 S. Main Street, Los Angeles, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

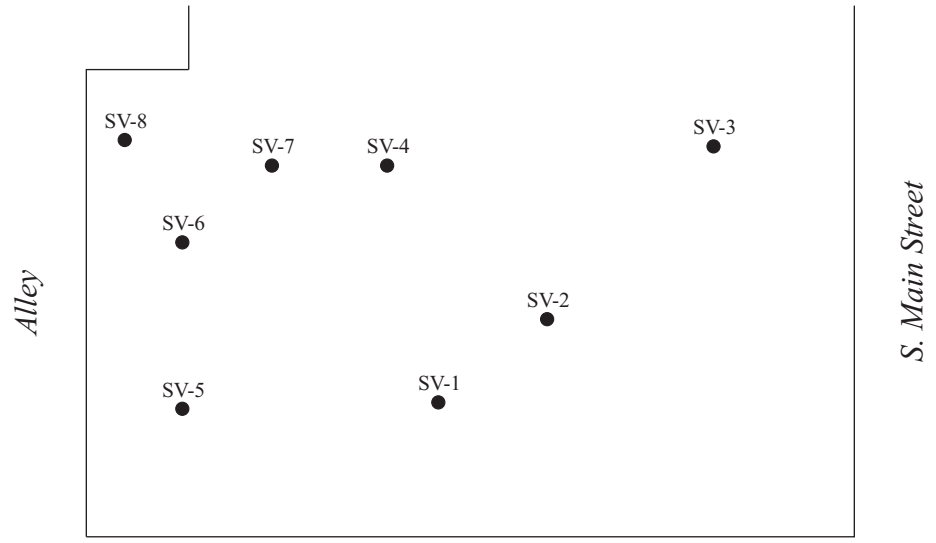
Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detector: HP-5971 Mass Spectrometer

Date: 5/9/14

SAMPLE ID	SV-7	SV-7 Dup						
Sampling Depth (Ft.)	5.0	5.0						
Purge Volume (ml)	1,500	1,500						
Vacuum (in. of Water)	0	0						
Injection Volume (ul)	50,000	50,000						
Dilution Factor	1	1						

COMPOUND	REP. LIMIT	CONC (ug/L)	CONC (ug/L)					
Dichlorodifluoromethane	1.00	ND	ND					
Chloroethane	1.00	ND	ND					
Trichlorofluoromethane	1.00	ND	ND					
Freon 113	1.00	ND	ND					
Methylene Chloride	1.00	ND	ND					
1,1-Dichloroethane	1.00	ND	ND					
Chloroform	1.00	ND	ND					
1,1,1-Trichloroethane	1.00	ND	ND					
Carbon Tetrachloride	0.02	ND	ND					
1,2-Dichloroethane	0.04	ND	ND					
Trichloroethene (TCE)	0.10	ND	ND					
1,1,2-Trichloroethane	1.00	ND	ND					
Tetrachloroethene (PCE)	0.10	ND	ND					
1,1,1,2-Tetrachloroethane	1.00	ND	ND					
1,1,2,2-Tetrachloroethane	1.00	ND	ND					
Vinyl Chloride	0.01	ND	ND					
Acetone	1.00	ND	ND					
1,1-Dichloroethene	1.00	ND	ND					
trans-1,2-Dichloroethene	1.00	ND	ND					
2-Butanone (MEK)	1.00	ND	ND					
cis-1,2-Dichloroethene	1.00	ND	ND					
Cyclohexane	1.00	ND	ND					
Benzene	0.03	ND	ND					
4-Methyl-2-Pentanone	1.00	ND	ND					
Toluene	1.00	ND	ND					
Chlorobenzene	1.00	ND	ND					
Ethylbenzene	0.40	ND	ND					
m/p-Xylene	1.00	ND	ND					
o-Xylene	1.00	ND	ND					
Isobutane (Tracer Gas)	1.00	ND	ND					

Note: ND = Below Listed Reporting Limit



N

0 15 30

Approximate Scale

Legend

SV-1 - Soil Vapor Sample Number

● - Soil Vapor Sample Location

Optimal Technology
1667 Cross Bridge Place
Thousand Oaks, CA 91362
Toll-free (877) SOIL GAS
*Tel: (818) 734-6230 * Fax: (818) 734-6235*

DATE: May 9, 2014

COMPANY: Andersen Environmental

APPROXIMATE SCALE: 1" = 30'

TITLE: Soil Vapor Sampling Location Map
1155 S. Main Street, Los Angeles, CA

FIGURE
1

APPENDIX B

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

May 16, 2014

REVISED

Mr. Shayan Simantob
Andersen Environmental Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 1405091
Project Name: 1155 & 1165 S. Main St., LA, CA / 1404-788

Dear Mr. Shayan Simantob,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on May 09, 2014.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

D Sanchez
Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Andersen Environmental Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Mr. Shayan Simantob Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 05/16/14
Submitted: 05/09/14
PLS Report No.: 1405091

Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

REVISED

Sample ID: B1-5' Soil (1405091-01) Sampled:05/09/14 12:15 Received:05/09/14 13:34

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015M	05/12/14	05/13/14	lk	BE41316
TPH C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015M	05/12/14	05/13/14	lk	BE41316
TPH C33 - C36	ND		1	mg/kg	100	EPA 3546	EPA 8015M	05/12/14	05/13/14	lk	BE41316
Surrogate: n-Tetracosane	*98.6 %*			*64-148*		*EPA 3546*	*EPA 8015M*	*05/12/14*	*05/13/14*	*lk*	*BE41316*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Benzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Toluene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Xylenes (total)	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

Andersen Environmental Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Mr. Shayan Simantob Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 05/16/14
Submitted: 05/09/14
PLS Report No.: 1405091

Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

REVISED

Sample ID: B1-5' Soil (1405091-01) Sampled:05/09/14 12:15 Received:05/09/14 13:34

Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Isopropylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Surrogate: Dibromofluoromethane	*100 %*		*72-121*		*EPA 5035*	*EPA 8260B*	*05/09/14*	*05/09/14*	*al*	*BE40909*
Surrogate: Toluene-d8	*99.5 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*05/09/14*	*05/09/14*	*al*	*BE40909*
Surrogate: 4-Bromofluorobenzene	*97.5 %*		*75-123*		*EPA 5035*	*EPA 8260B*	*05/09/14*	*05/09/14*	*al*	*BE40909*

Sample ID: B2-5' Soil (1405091-02) Sampled:05/09/14 13:00 Received:05/09/14 13:34

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**3.13**		1	mg/kg	2.50	EPA 3546	EPA 8015M	05/12/14	05/13/14	lk	BE41316
TPH C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015M	05/12/14	05/13/14	lk	BE41316
TPH C33 - C36	ND		1	mg/kg	100	EPA 3546	EPA 8015M	05/12/14	05/13/14	lk	BE41316
Surrogate: n-Tetracosane	*106 %*			*64-148*		*EPA 3546*	*EPA 8015M*	*05/12/14*	*05/13/14*	*lk*	*BE41316*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	al	BE40909

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Attn: Mr. Shayan Simantob Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 05/16/14
Submitted: 05/09/14
PLS Report No.: 1405091

Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

REVISED

Sample ID: B2-5' Soil (1405091-02) Sampled:05/09/14 13:00 Received:05/09/14 13:34

1,1-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Vinyl acetate	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
2,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Benzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Xylenes (total)	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Isopropylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909

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File #:74354
Report Date: 05/16/14
Submitted: 05/09/14
PLS Report No.: 1405091

Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

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Sample ID: B2-5' Soil (1405091-02) Sampled:05/09/14 13:00 Received:05/09/14 13:34

1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	05/09/14	05/09/14	ai	BE40909
Surrogate: Dibromofluoromethane	*101 %*		*72-121*		*EPA 5035*	*EPA 8260B*	*05/09/14*	*05/09/14*	*ai*	*BE40909*
Surrogate: Toluene-d8	*103 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*05/09/14*	*05/09/14*	*ai*	*BE40909*
Surrogate: 4-Bromofluorobenzene	*93.9 %*		*75-123*		*EPA 5035*	*EPA 8260B*	*05/09/14*	*05/09/14*	*ai*	*BE40909*

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Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

REVISED

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BE41316 - EPA 3546										
Blank Prepared: 05/12/14 Analyzed: 05/13/14										
TPH C13 - C22	ND	2.50	mg/kg							
TPH C23 - C32	ND	100	mg/kg							
TPH C33 - C36	ND	100	mg/kg							
Surrogate: n-Tetracosane	*21.6*		mg/kg	*20.83*		*104*	*64-148*			
LCS Prepared: 05/12/14 Analyzed: 05/13/14										
Diesel	597	5.00	mg/kg	554.7		108	64-139			
Surrogate: n-Tetracosane	*25.3*		mg/kg	*20.83*		*122*	*74-139*			
LCS Dup Prepared: 05/12/14 Analyzed: 05/13/14										
Diesel	574	5.00	mg/kg	554.7		104	64-139	3.86	30	
Surrogate: n-Tetracosane	*23.5*		mg/kg	*20.83*		*113*	*74-139*			
Matrix Spike Source: 1404097-12 Prepared: 05/12/14 Analyzed: 05/13/14										
Diesel	108	2.50	mg/kg	110.9	20.5	79.2	57-141			
Surrogate: n-Tetracosane	*20.2*		mg/kg	*20.83*		*96.9*	*69-143*			
Matrix Spike Dup Source: 1404097-12 Prepared: 05/12/14 Analyzed: 05/13/14										
Diesel	100	2.50	mg/kg	110.9	20.5	71.9	57-141	9.69	30	
Surrogate: n-Tetracosane	*19.7*		mg/kg	*20.83*		*94.8*	*69-143*			
Batch BE40909 - EPA 5035										
Blank Prepared & Analyzed: 05/09/14										
Dichlorodifluoromethane (FC-12)	ND	4.00	ug/kg							
Chloromethane	ND	4.00	ug/kg							
Vinyl chloride (Chloroethylene)	ND	4.00	ug/kg							
Bromomethane (Methyl bromide)	ND	4.00	ug/kg							
Chloroethane	ND	4.00	ug/kg							
Trichlorofluoromethane (FC-11)	ND	4.00	ug/kg							
Acetone	ND	80.0	ug/kg							
Carbon disulfide	ND	40.0	ug/kg							
1,1-Dichloroethene	ND	4.00	ug/kg							
Methylene chloride (Dichloromethane)	ND	20.0	ug/kg							
trans-1,2-Dichloroethene	ND	4.00	ug/kg							
Methyl tert-butyl ether (MTBE)	ND	4.00	ug/kg							
1,1-Dichloroethane	ND	4.00	ug/kg							
Vinyl acetate	ND	40.0	ug/kg							
2,2-Dichloropropane	ND	4.00	ug/kg							
cis-1,2-Dichloroethene	ND	4.00	ug/kg							
2-Butanone (MEK)	ND	40.0	ug/kg							
Bromochloromethane	ND	4.00	ug/kg							
Chloroform	ND	4.00	ug/kg							

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File #:74354
Report Date: 05/16/14
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PLS Report No.: 1405091

Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

REVISED

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BE40909 - EPA 5035										
1,1,1-Trichloroethane	ND	4.00	ug/kg							
Carbon tetrachloride	ND	4.00	ug/kg							
1,1-Dichloropropene	ND	4.00	ug/kg							
Benzene	ND	2.00	ug/kg							
1,2-Dichloroethane	ND	4.00	ug/kg							
Trichloroethene (TCE)	ND	4.00	ug/kg							
1,2-Dichloropropane	ND	4.00	ug/kg							
Dibromomethane	ND	4.00	ug/kg							
1,4-Dioxane	ND	80.0	ug/kg							
Bromodichloromethane	ND	4.00	ug/kg							
2-Chloroethyl vinyl ether	ND	40.0	ug/kg							
cis-1,3-Dichloropropene	ND	4.00	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/kg							
Toluene	ND	2.00	ug/kg							
trans-1,3-Dichloropropene	ND	4.00	ug/kg							
1,1,2-Trichloroethane	ND	4.00	ug/kg							
Tetrachloroethene (PCE)	ND	4.00	ug/kg							
Xylenes (total)	ND	2.00	ug/kg							
1,3-Dichloropropane	ND	4.00	ug/kg							
2-Hexanone (MBK)	ND	40.0	ug/kg							
Dibromochloromethane	ND	4.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	4.00	ug/kg							
Chlorobenzene	ND	4.00	ug/kg							
1,1,1,2-Tetrachloroethane	ND	4.00	ug/kg							
Ethylbenzene	ND	2.00	ug/kg							
m,p-Xylene	ND	2.00	ug/kg							
o-Xylene	ND	2.00	ug/kg							
Styrene	ND	4.00	ug/kg							
Bromoform (Tribromomethane)	ND	4.00	ug/kg							
Isopropylbenzene	ND	4.00	ug/kg							
Bromobenzene	ND	4.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	4.00	ug/kg							
1,2,3-Trichloropropane	ND	4.00	ug/kg							
n-Propylbenzene	ND	4.00	ug/kg							
2-Chlorotoluene	ND	4.00	ug/kg							
4-Chlorotoluene	ND	4.00	ug/kg							
1,3,5-Trimethylbenzene	ND	4.00	ug/kg							
tert-Butylbenzene	ND	4.00	ug/kg							
1,2,4-Trimethylbenzene	ND	4.00	ug/kg							
sec-Butylbenzene	ND	4.00	ug/kg							
1,3-Dichlorobenzene	ND	4.00	ug/kg							

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Andersen Environmental Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Mr. Shayan Simantob Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

File #:74354
Report Date: 05/16/14
Submitted: 05/09/14
PLS Report No.: 1405091

REVISED

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BE40909 - EPA 5035										
4-Isopropyltoluene	ND	4.00	ug/kg							
1,4-Dichlorobenzene	ND	4.00	ug/kg							
1,2-Dichlorobenzene	ND	4.00	ug/kg							
n-Butylbenzene	ND	4.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.00	ug/kg							
1,2,4-Trichlorobenzene	ND	4.00	ug/kg							
Hexachlorobutadiene	ND	4.00	ug/kg							
Naphthalene	ND	4.00	ug/kg							
1,2,3-Trichlorobenzene	ND	4.00	ug/kg							
Surrogate: Dibromofluoromethane	*9.87*		ug/kg	*10.00*		*98.7*	*72-121*			
Surrogate: Toluene-d8	*9.70*		ug/kg	*10.00*		*97.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.78*		ug/kg	*10.00*		*97.8*	*75-123*			
LCS Prepared & Analyzed: 05/09/14										
1,1-Dichloroethene	20.2	4.00	ug/kg	20.00		101	63-135			
Methyl tert-butyl ether (MTBE)	19.8	4.00	ug/kg	20.00		99.2	69-126			
Benzene	23.3	2.00	ug/kg	20.00		117	74-124			
Trichloroethene (TCE)	20.9	4.00	ug/kg	20.00		104	74-126			
Toluene	21.6	2.00	ug/kg	20.00		108	77-122			
Chlorobenzene	21.1	4.00	ug/kg	20.00		105	79-121			
Surrogate: Dibromofluoromethane	*10.1*		ug/kg	*10.00*		*101*	*73-129*			
Surrogate: Toluene-d8	*10.1*		ug/kg	*10.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.90*		ug/kg	*10.00*		*99.0*	*80-120*			
Matrix Spike Source: 1405087-04 Prepared & Analyzed: 05/09/14										
1,1-Dichloroethene	20.1	4.00	ug/kg	20.00	ND	100	62-138			
Benzene	20.5	2.00	ug/kg	20.00	ND	103	65-121			
Trichloroethene (TCE)	26.6	4.00	ug/kg	20.00	ND	133	67-154			
Toluene	14.9	2.00	ug/kg	20.00	ND	74.4	61-121			
Chlorobenzene	11.9	4.00	ug/kg	20.00	ND	59.6	65-121			M
Surrogate: Dibromofluoromethane	*8.55*		ug/kg	*10.00*		*85.5*	*72-121*			
Surrogate: Toluene-d8	*10.3*		ug/kg	*10.00*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.80*		ug/kg	*10.00*		*98.0*	*75-123*			
Matrix Spike Dup Source: 1405087-04 Prepared & Analyzed: 05/09/14										
1,1-Dichloroethene	21.1	4.00	ug/kg	20.00	ND	105	62-138	5.01	30	
Benzene	21.0	2.00	ug/kg	20.00	ND	105	65-121	2.22	30	
Trichloroethene (TCE)	27.0	4.00	ug/kg	20.00	ND	135	67-154	1.57	30	
Toluene	15.4	2.00	ug/kg	20.00	ND	77.0	61-121	3.43	30	
Chlorobenzene	12.8	4.00	ug/kg	20.00	ND	64.0	65-121	6.96	30	M
Surrogate: Dibromofluoromethane	*8.26*		ug/kg	*10.00*		*82.6*	*72-121*			
Surrogate: Toluene-d8	*10.0*		ug/kg	*10.00*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.93*		ug/kg	*10.00*		*99.3*	*75-123*			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Andersen Environmental Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Mr. Shayan Simantob Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 1155 & 1165 S. Main St., LA, CA / 1404-788

File #:74354
Report Date: 05/16/14
Submitted: 05/09/14
PLS Report No.: 1405091

REVISED

Notes and Definitions

M	Matrix interference
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

83490

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 5-9-2014 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 140991

CLIENT NAME: Andersen Environmental Project Name/No. 1155 & 1165 S. Main St, LA, CA P.O. NO. 1404-788

ADDRESS: 5761 W. Imperial Hwy. Los Angeles, CA. 90045

PROJECT MANAGER: Shayan PHONE NO: (310) 854-6300 FAX NO:

SAMPLER NAME: Lowell Stetts (Printed) (Signature)

TAT (Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other: SS-Stainless Steel

UST Project: Y N - Global ID# ___

AIRBILL NO: _____

COOLER TEMP: 1.4/1.9 CP

PRESERVED: _____

REMARKS:
① added PO# per client
② add on ERPH per client via email 5/9/14 @ 1145
③ ID change request per client 5/16/14 via e-mail @ 532 pm DS

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	8260B (VOCs)	ERPH (8015M)						SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	5-9-14	12:15	~~B8-5'~~ ② B1-5'		X			N	1	SS	X	② *						
2	2	↓	1:00	~~B4-5'~~ ② B2-5'		X			↓	1	SS	X	② *						
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 5/9/14 Time: 1:34 PM

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

Preliminary Subsurface Methane Gas Investigation at 1123 – 1161 South Main St.

Los Angeles, California



GeoKinetics
Geotechnical & Environmental Engineers

Prepared by

GeoKinetics

77 Bunsen
Irvine, CA 92618
Tel 949.502.5353, Fax 949.502.5354

Prepared for

JADE Enterprises, LLC

Mr. Daniel Taban
888 South Figueroa Street, Suite 1900
Los Angeles, California 90017

November 29, 2018

1.0 Introduction: GeoKinetics has completed a subsurface methane gas investigation at the property located at 1123 - 1161 South Main Street, in the City of Los Angeles. The location of the subject property is shown in Figure 1 while a recent aerial photograph of the site is provided as Figure 2. We understand that a thirty story mixed-use building with three above ground parking levels is planned at the proposed project. The subject property is located in the Los Angeles Downtown Oil Field as it has been mapped by the California Department of Conservation, Division of Oil, Gas & Geothermal Resources (DOGGR). No oil wells are shown to exist at the property based upon our review of the DOGGR oil field map. The closest mapped oil well (Nasco Petroleum, LLC., "LA Unit" #12) is located approximately 800 feet southwest of the subject property. As a result, it is within a Methane Zone designated by LADBS. It will therefore be necessary to incorporate methane gas mitigation measures into the design of the proposed structure in accordance with LADBS requirements

Under the current building code, the nature and extent of the required mitigation measures are partially dependent upon the concentration and pressure of any methane gas that may be present at the site. The current investigation has been performed for the purpose of documenting the concentration and pressure of methane gas in the subsurface of the subject property such that appropriate mitigative improvements can be specified. This report presents the results of the subsurface gas investigation as well as associated methane mitigation recommendations in accordance with typical LADBS requirements.

2.0 Background: The presence of methane gas in the subsurface is common within former oil production areas and other locations where organic material - such as grass, leaves, wood, manure, etc. - are present in the soil. Biogenic methane is generated by the bacteriological digestion, or biodegradation, of organic matter in the absence of oxygen. Methane of thermogenic or petrogenic origin may also be present in surficial soils as a result of its upward migration from deeper oil and gas bearing zones. Our experience indicates methane gas is common and can be found in the soil at a relatively high percentage of building sites in southern California. Methane is not toxic, however it is combustible and potentially explosive at concentrations above 55,000 ppm in the presence of oxygen. This concentration is referred to as its Lower Explosive Level or LEL. Methane is lighter than air and therefore has a natural tendency to rise to the ground surface where it typically dissipates into the atmosphere. The presence of non-pressurized methane at shallow depths beneath the ground surface is normally not problematic. The rates at which the methane is generated and/or migrates towards the ground surface are slow enough such that the gas dissipates naturally under normal circumstances. However, as methane migrates to the ground surface, the

potential exists for its accumulation beneath slab-on-grade foundation systems or other relatively impermeable ground coverings. If the gas accumulates to high concentrations, and becomes pressurized, and a crack or other penetration is present in the floor slab of the structure, detectable levels of methane may enter the interior of the building. Improvements - such as sub-slab vent lines or gas membranes - are generally required by LADBS as a precautionary measure for new structures at Methane Zone sites.

3.0 Field Investigation: The field work associated with the methane gas investigation at the subject property included the installation and monitoring of three (3) multi-stage subsurface gas probes. The locations of these gas probes are shown in Figure 2. The subsurface gas probes were installed on November 9th, 2018 and they were subsequently monitored on November 12th and 14th, 2018. The gas probes were installed using direct push drilling equipment to minimize the disturbance to the subsurface environment. A schematic illustrating the general configuration of the gas probes is provided as Figure 3. The LADBS guidelines require that individual sampling tips be installed at depths of 5, 10, and 20 feet below the lowest floor level of the building. A schematic illustrating the general configuration of the gas probes is provided as Figure 3. The maximum depth was not able to be reached in boring P-2 due to refusal. Each sampling tip was embedded within a 12-inch interval of washed Monterey #3 sand. Bentonite clay seals were placed above and below each sand interval in order to isolate the gas sampling tips. Gas tight quick connect fittings were installed on the ends of the polyethylene tubing at the ground surface in order to seal the probes between monitoring events. Flush-mounted vaults were installed at the ground surface to protect the installations.

As discussed previously, the installations were monitored on November 12th and 14th, 2018. All monitoring was performed during periods of falling barometric pressure. The subsurface gas pressure relative to atmospheric, and the concentrations of methane, oxygen, and carbon dioxide, were measured in the subsurface probes during each monitoring event. The monitoring equipment that was utilized and the associated detection limits, or resolutions, are summarized in Table 1. As indicated, subsurface gas pressures were measured to the nearest 0.05 inches of water prior to each sampling event using a Magnahelic gauge while the barometric pressure was measured and recorded to the nearest 0.1 inches of mercury using a digital barometer. The gas probe methane, oxygen, and carbon dioxide concentrations were measured in the field using a portable, methane specific, LANDTEC GEM2000-PLUS infra-red gas analyzer. A volume of gas equivalent to approximately ten times that of the ¼-inch diameter polyethylene gas probe tube was extracted through the LANDTEC GEM2000-PLUS during the monitoring process. Steady state readings were generally obtained after

approximately two tubing volumes of gas had been extracted. The highest methane reading displayed in each instance was recorded. The LANDTEC GEM2000-PLUS was calibrated at the beginning and the end of each day of monitoring using a certified mixture of 15% methane, 15% carbon dioxide, and 70% nitrogen calibration gas (Note: all gas concentrations referred to in this report are on a volumetric basis). A Photovac Flame Ionization Detector (FID) was used to confirm combustible gas levels at selected probes where sufficient oxygen was present in the probe to operate the FID. The gas levels measured with both detectors were found to be consistent. Combustible gas concentrations in excess of 100 ppm were not detected with the FID.

Ambient gas levels in the air four feet above the ground surface were recorded at the site periodically during the monitoring. In each instance, the measured gas level fell within the following range:

Gas	Measured Range
Methane	<0.1%
Carbon Dioxide	<0.1%
Oxygen	20.7% – 20.8%

4.0 Results: The pressures and concentrations measured in each of the subsurface gas probes during the monitoring events are summarized in Table 2. As indicated, methane gas was not detected in any of the gas probe installations.

There were no elevated soil gas pressure readings measured in any of the gas probes above 0.00 inches of water. As such, there was no indication of elevated soil gas pressures associated with methane generation or migration.

The concentration of oxygen in the atmosphere at sea level is approximately 21%. The subsurface oxygen levels were found to be slightly depressed below typical atmospheric levels at each of the gas probe installations. The lowest subsurface oxygen level recorded at the site was 18.8% while the average oxygen concentration measured in the gas probes was approximately 19.6%. The average concentration of carbon dioxide in the atmosphere at sea level is approximately 0.03%. Subsurface carbon dioxide levels were slightly elevated above typical atmospheric levels in each of the gas probes. The highest carbon dioxide concentration measured at the site was 0.8% while the average carbon dioxide concentration measured in the gas probes was approximately 0.3%. The slightly depressed subsurface oxygen levels and slightly elevated carbon

dioxide levels suggest residual organic matter entrained within the near surface soils is being biodegraded under aerobic conditions.

Based upon the measured methane levels and the corresponding soil gas pressures, we conclude the property should be classified as a Level I site with a Design Methane Pressure of #2" of water in accordance with LADBS guidelines. A copy of the LADBS methane testing compliance form for this project is included as Attachment A for your reference.

As discussed previously, the property is shown to be located within a Methane Zone. The following primary methane mitigation measures are typically required by LADBS for new Level I slab-on-grade structures within the methane zone:

1. **Sub-Slab Vent System:** A series of perforated vent lines and an associated 2" thick gravel blanket must be installed beneath the floor slab of the proposed structure. The perforated vent lines are connected to solid vent piping that extends through the walls or pipe chases of the building to outlets above the roof line. A dewatering system (sump and pump) must be installed if the design high groundwater level for the project is not at least one foot below the lowest vent piping elevation. Based on the historic groundwater levels, no dewatering system is required.

2. **Impervious Membrane:** A continuous gas membrane is required below the floor slab of the building. This membrane must be sealed against footings, pilings, and utilities to form a gas-tight barrier beneath the building.

3. **Utility Trench Dams:** A section of impervious backfill consisting of compacted native soil or sand / cement slurry must be installed in utility trenches that extend beneath the perimeter of the building in order to prevent methane gas from migrating beneath the structure through sand bedding or backfill.

4. **Conduit Seals:** Gas tight seals must be installed on all conduits (e.g. electrical, cable T.V., telephone, etc.) that extend to the interior of the structure. The purpose of these seals is to prevent methane gas from entering subsurface cracks or discontinuities in the conduits and subsequently migrating to the interior of the building.

There are exceptions in the City Methane Ordinance (Ordinance No. 175790) that allow some of the requirements outlined above to be omitted, or modified,

under certain conditions. These possible exceptions should be considered as the building plans are developed in order to determine the specific mitigative measures that will be required for the project.

5.0 Closing: This investigation has been performed with the degree of skill and care ordinarily exercised by engineers practicing in this, and similar, localities. No other warranty, expressed or implied, is given regarding the conclusions or professional opinions presented in this report. The scope of this report is limited to the matters expressly covered herein. This report is presented for the sole use of Jade Enterprises, LLC and may not be relied upon by any other party without written authorization from GeoKinetics. All recommendations, findings, and conclusions presented in this report are based upon facts and circumstances as they existed at the time this report was prepared. A change in any fact or circumstance upon which this report is based may necessitate re-evaluation and/or modification of the recommendations, findings, and conclusions presented herein. Due to the nature of this type of investigation, uncertainty exists with respect to the subsurface conditions that are present between boring / sampling locations. The subsurface methane concentrations at the site could vary over time and may change in response to site modifications. The methane levels identified in this report represent the concentrations that were measured at the time of the current investigation. Higher or lower concentrations could occur in the future. If the level of inherent uncertainty is unacceptable, additional sampling and/or testing should be considered.

We hope this information is helpful to you. Please do not hesitate to contact the undersigned if you have any questions or comments.

Sincerely,
GEOKINETICS, INC.



Kevin J. Lea, RCE
Senior Project Engineer

attachments

Table 1. Gas Probe Monitoring Equipment & Parameters

Parameter	Equipment	Detection Limit or Resolution	Range
Barometric Pressure	Digital Barometer	0.1" of Hg	25 to 36 in Hg
Gas Probe Pressure	Pressure Gauge	0.1" of H_2O	-5 to +5 in H_2O
Methane Concentration	LANDTEC GEM2000-PLUS Infrared Gas Analyzer	0.1%	0.1% to 100%
	FID	0.1 ppm	0.1 to 1,000 ppm
		1 ppm	1 to 10,000 ppm
Carbon Dioxide Concentration	LANDTEC GEM2000-PLUS Infrared Gas Analyzer	0.1%	0.1% to 50%
Oxygen Concentrations	LANDTEC GEM2000-PLUS Infrared Gas Analyzer	0.1%	0.1% to 25%

Table 2 - Methane Investigation
1123-1161 S. Main St., Los Angeles, California
Multi-Stage Gas Probe Monitoring Results

GAS PROBE #	MONITORING DATE	PROBE DEPTH (feet)	GAS CONCENTRATION (%)			GAS PROBE PRESSURE (IN H_20)	BAROMETRIC PRESSURE (IN Hg)
			CH_4 %	CO_2 %	O_2 %		
P-1	11/12/2018	5	0.00	0.2	20.6	0.00	29.92
	11/14/2018		0.00	0.2	19.8	0.00	29.99
	11/12/2018	10	0.00	0.2	20.1	0.00	29.92
	11/14/2018		0.00	0.3	19.6	0.00	29.99
	11/12/2018	19	0.00	0.3	20.0	0.00	29.92
	11/14/2018		0.00	0.4	19.4	0.00	29.99
P-2	11/12/2018	5	0.00	0.3	20.0	0.00	29.92
	11/14/2018		0.00	0.3	19.2	0.00	29.99
	11/12/2018	10	0.00	0.2	19.7	0.00	29.92
	11/14/2018		0.00	0.3	19.1	0.00	29.99
	11/12/2018	15	0.00	0.2	19.6	0.00	29.92
	11/14/2018		0.00	0.2	18.9	0.00	29.99
P-3	11/12/2018	5	0.00	0.3	19.7	0.00	29.92
	11/14/2018		0.00	0.3	19.3	0.00	29.99
	11/12/2018	10	0.00	0.3	19.6	0.00	29.92
	11/14/2018		0.00	0.4	19.2	0.00	29.99
	11/12/2018	20	0.00	0.7	19.4	0.00	29.92
	11/14/2018		0.00	0.8	18.8	0.00	29.99
Background	11/12/2018	In	0.00	0.0	20.8	-	29.92
	11/14/2018		0.00	0.0	20.7	-	29.99
	11/12/2018	Out	0.00	0.0	20.7	-	29.92
	11/14/2018		0.00	0.0	20.7	-	29.99

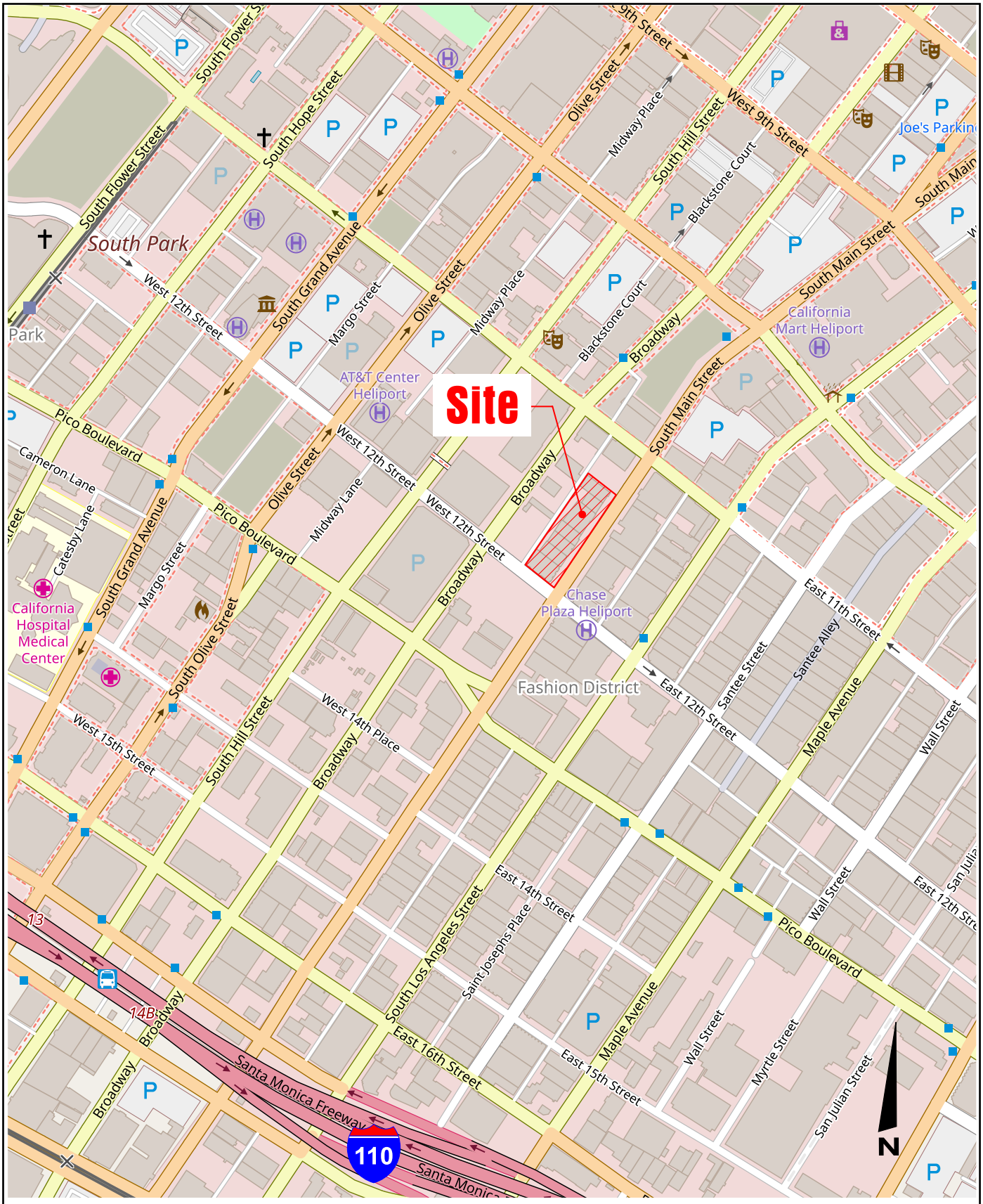
Level I: 0 - 100 ppm (0% to 0.01%)

Level II: 101 - 1,000 ppm (>0.01% to 0.1%)

Level III: 1,001 - 5,000 ppm (>01% to 0.5%)

Level IV: 5,001 to 12,500 ppm (>0.5% to 1.25%)

Level V: Greater than 12,500 ppm (>1.25%)



GeoKinetics
Geotechnical & Environmental Engineers

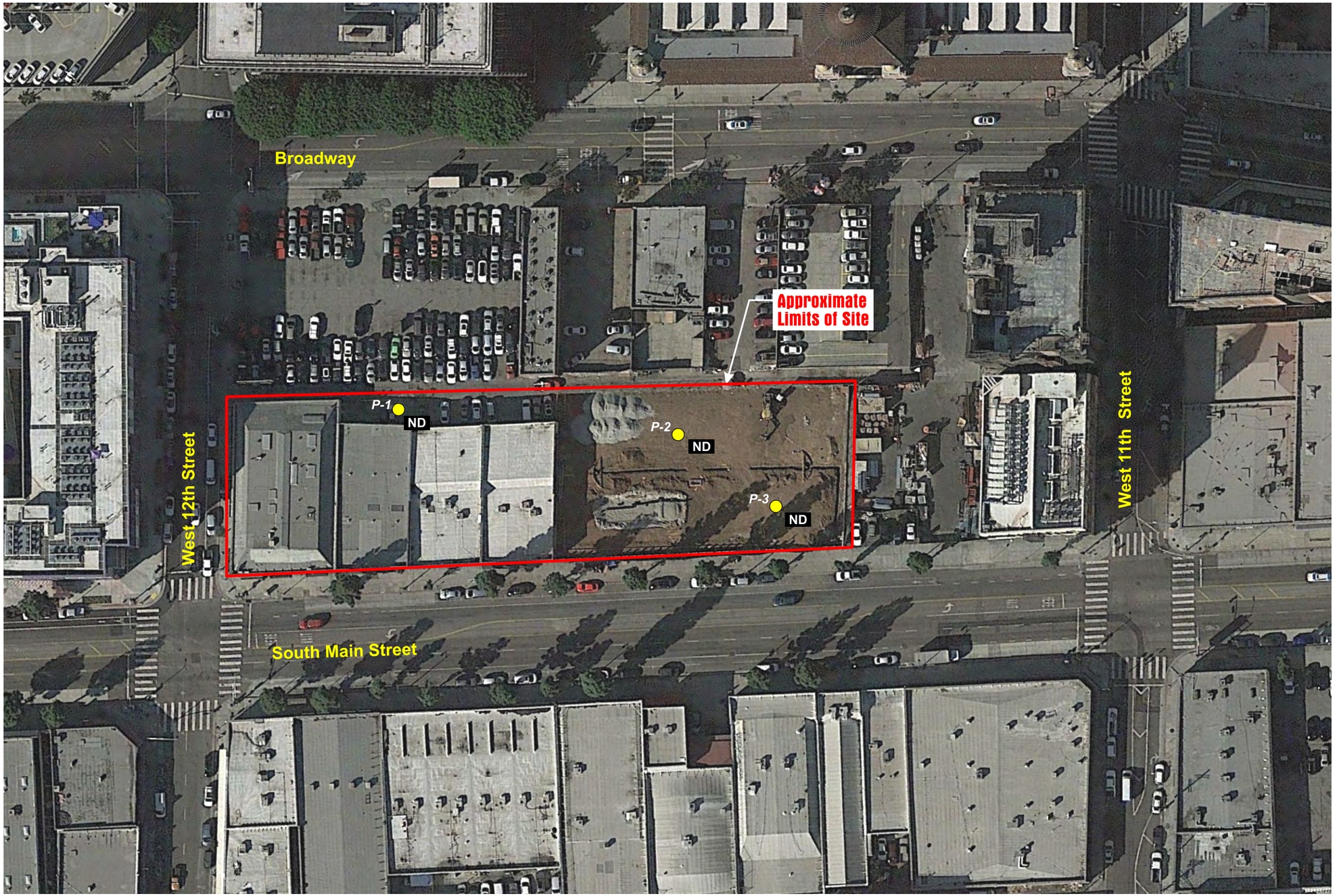
Project Name: Jade Enterprises - 1123 - 1161 South Main

Date: November 2018

Site Location Map

1123 -1161 South Main Street
Los Angeles, California

Figure 1



Legend

P-3 Approximate Gas Probe Location and Designation

ND Methane Concentration Below Detection Limit in Parts per Million (ppm)

N

0 *70* *140 ft*

Approximate Scale

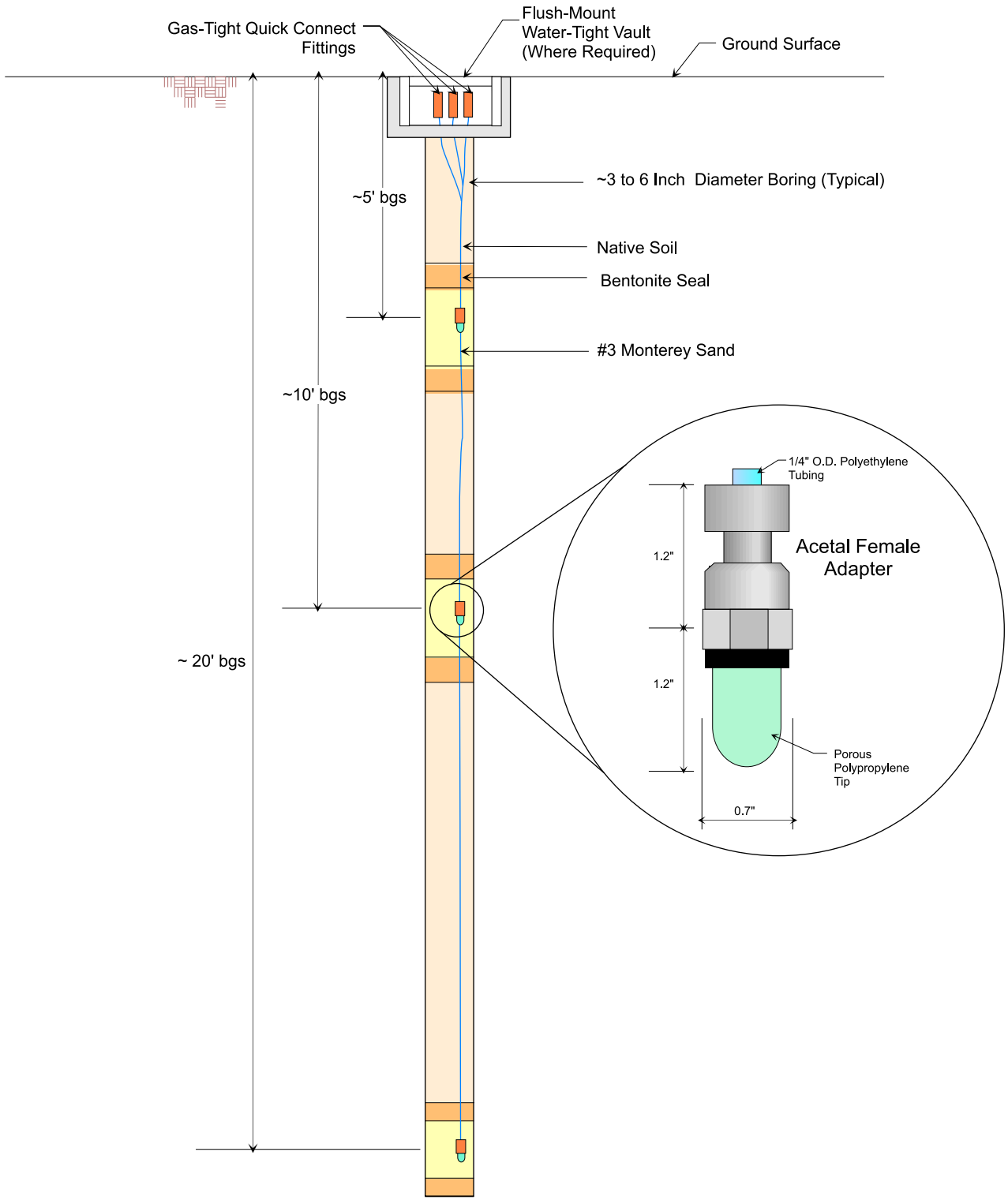
GeoKinetics
Geotechnical & Environmental Engineers

Project Name: Jade Enterprises - 1123 - 1161 South Main

Date: November 2018

Aerial Photograph with Approximate Gas Probe Locations and Maximum Methane Concentrations

Figure 2



Note: Probe Depths May Vary From One Installation to Another Due to sub-surface Conditions.

Not to Scale

GeoKinetics
Geotechnical & Environmental Engineers

Project Name: Jade Enterprises - 1123 - 1161 South Main

Date: November 2018

Typical Configuration of Gas Probe Installation

Figure 3

Attachment A

Methane Gas Investigation Compliance Certificate

FORM 1 - CERTIFICATE OF COMPLIANCE FOR METHANE TEST DATA

Part 1: Certification Sheet

Site: 1123 – 1161 South Main Project

Address: 1123 – 1161 South Main Street & 111 West 12th Street, Los Angeles, California.

Legal Description: Tract 2289; APN # 5139017029 (Lots 38 to 41), # 5139017018 (Lot 37), # 5139017017 (Lot 36), # 5139017016 (Lot 35) & # 5139017015 (Lot 34)

Building Use: Residential / Commercial

Name of Engineer:	Glenn D. Tofani GeoKinetics	**Registered Civil / Soil Engineer Stamp:**
Mailing Address:	77 Bunsen Irvine, CA 92618	
Telephone:	(949) 502-5353	
Testing Laboratory:	GeoKinetics License # 10234	

REGISTERED PROFESSIONAL ENGINEER GLENN D. TOFANI No. GE 2496 Exp. 06-30-19 GEOTECHNICAL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER GLENN D. TOFANI No. C 44229 Exp. 06-30-19 CIVIL STATE OF CALIFORNIA

I hereby certify that I have tested the above site for the purpose of methane mitigation, and that all procedures were conducted by a City of Los Angeles licensed testing agency in conformity with the requirements of the LADBS Information Bulletin P/BC 2002-101. Where the inspection and testing of all or part of the work above is delegated, full responsibility shall be assumed by the licensed engineer or geologist whose signature is affixed thereon.

Signed: Glenn D. Tofani **Date:** 11-26-18

Required Data:

- Project is in a *METHANE ZONE*
- Depth to ground water observed during testing was: >20 feet below existing ground surface.
- Depth of Historical High Ground Water Table Elevation* is ~115 ft below existing ground surface.
- Design Methane Concentration**: < 100 parts per million in volume (ppmv).
- Design Methane Pressure***: ≤ 2 inches of water column.
- Methane Design Level: I

De-watering:

- De-watering is Not required.
- Pump discharge rate N/A gallons per minute.
- Reference geology or soil report: N/A

Additional Investigation:

- Additional investigation was Not conducted.

Latest Grading on Site:

- Date of last grading on site was: Years ago
- Explanation of the effect on soil gas survey results by grading operations: N/A
- Building Excavation: Not Yet Initiated

Notes:

* Historical High Ground Water Table Elevation Shall mean the highest recorded elevation of ground water based on historical records and field investigations as determined by the engineer for the methane mitigation system.

** Design Methane Concentration shall mean the highest recorded measured methane concentration from either shallow soil gas test or any gas probe set on the site.

*** Design Methane Pressure shall mean the highest total pressure measured from any Gas Probe Set on the site.

As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities. For efficient handling of information internally and in the internet, conversion to this new format of code related and administrative information bulletins including MGD and RGA that were previously issued will allow flexibility and timely distribution of information to the public.

APPENDIX G:

ENVIRONMENTAL SITE ASSESSMENTS

G1: Partner Engineering and Science, Inc.,
Phase I Environmental Site Assessment Report,
1100-1132 & 1123-1137-C South Main Street,
And 106-112 East 11th Street,
Los Angeles, California 90015
May 26, 2015.

G2: Partner Engineering and Science, Inc.,
Phase I Environmental Site Assessment Report,
1147-1151 South Main Street,
Los Angeles, California 90015
November 13, 2018.

G3: Andersen Environmental,
Phase I Environmental Site Assessment Report,
1155 and 1165 South Main Street,
Los Angeles, California 90015
March 14, 2014.

G4: Andersen Environmental,
Phase II Environmental Site Assessment Report,
1155 & 1165 South Main Street
Los Angeles, California 90015
May 28, 2014.

G5: GeoKinetics,
Preliminary Subsurface Methane Gas Investigation
at 1123-1161 South Main St.,
Los Angeles, California,
November 29, 2018.

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APPENDIX H:

UTILITIES AND SERVICE PROVIDER RESPONSE LETTERS

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LA DWP Los Angeles Department of Water & Power

CUSTOMERS FIRST

Eric Garcetti, Mayor

Board of Commissioners
Mel Levine, President
Cynthia McClain-Hill, Vice President
Jill Banks Barad
Christina E. Noonan
Aura Vasquez
Barbara E. Moschos, Secretary

David H. Wright, General Manager

June 6, 2019

Ms. Elise Lorenzana, Senior Environmental Planner
Parker Environmental Consultants
23822 Valencia Boulevard, Suite 301
Valencia, CA 91355

Dear Ms. Lorenzana:

Subject: Los Angeles Department of Water and Power
Water and Electricity Connection Services Request
Main Street Tower Project

The Los Angeles Department of Water and Power (LADWP) is in receipt of your letter dated May 21, 2019 requesting LADWP's ability to provide water and electric services for the Main Street Tower Project (Project). (Thomas Brothers Maps, Page 634, E6)

The Project is the Main Street Tower Project and is located at 1123-1161 S. Main Street and 111 W. 12th Street, Los Angeles, CA 90015. The Project site is generally bound by 12th Street to the south, Main Street to the east, a surface parking lot to the north, and an alleyway to the west.

The Project site totals approximately 48,906 square feet of lot area (1.12 acres) and is currently developed with four commercial buildings totaling 18,232 square feet of floor area and a paved surface parking lot. The proposed Project includes the demolition of the existing structures and the construction, use, and maintenance of a 30-story mixed-use development with 363 dwelling units and 12,500 square feet of ground floor commercial space. The dwelling units will consist of 122 studio units, 133 one-bedroom units, 96 two-bedroom units, and 12 three-bedroom units.

We are providing information for consideration and incorporation into the planning, design, and development efforts for the proposed Project. Regarding water needs for the proposed Project, this letter does not constitute a response to a Water Supply Assessment (WSA) pursuant to California State Water Code Sections 10910-10915 for development projects to determine the availability of long-term water supply. Depending on the Project scope, a WSA by the water supply agency may need to be requested by

the California Environmental Quality Act (CEQA) Lead Agency and completed prior to issuing a draft Negative Declaration or draft Environmental Impact Report (EIR).

If a Lead Agency determines that the proposed Project parameters (e.g., development details such as type, square footage, anticipated water demand, population increase, etc.) are such that they are subject to state law requiring a WSA, a separate request must be made in writing and sent to:

Mr. Richard Harasick
Senior Assistant General Manager – Water System
Los Angeles Department of Water and Power
111 North Hope Street, Room 1455
Los Angeles, CA 90012

If you have any further questions regarding the water supply assessment process, please contact Mr. Delon Kwan at (213) 367-2166 or by e-mail at Delon.Kwan@ladwp.com,

Below you will find some information about water needs.

Water Needs

As the Project proceeds further in the design phase, we recommend the Project applicant or designated Project Management Engineer contact Mr. Hugo Torres at (213) 367-2130 or by e-mail at Hugo.Torres@ladwp.com to make arrangements for water supply service needs.

The following responses are provided regarding impacts to water service.

1. Please describe sizes and capacities of existing water mains that would serve the project site and the surrounding area (e.g., along _____). Please include a map illustrating your description.

   There are the following water mains near the project site:
   - **S. Main St.: 12" (inch) C.I. pipe on the west side of S. Main St.**
   - **W. 12th St.: 24" (inch) STL. Pipe on south side of S. 12th St. and reduced to 12" (inch) D.I. pipe at the west side of the intersection of 12th St. and Main St. as shown on the enclosed water service map 126-207.**

2. Are there any existing water service problems/deficiencies in the Project area?

   There are no known water service problems/deficiencies.

3. If water service problems/deficiencies exist, how would they affect the proposed project, and how would you suggest those effects be mitigated by the project developer?

   There are no known water service problems/deficiencies.

4. Would there be a disruption in water service in the project area when "hooking-up" the proposed project? If so, about how long would the disruption last?

   Water services are usually "hot-tapped" so as to avoid any disruptions in water services. Disruptions to the property are controlled by the Developer in that they will "hook-up" to our meter after the service is installed.

   "Hooking-up" rarely results in disruption in water service within the proposed project. In special instances, where the main needs to be isolated in order to install the service, a typical disruption may last for a few hours.

5. Would the DWP be able to accommodate the Project's demand for water service with the existing infrastructure in the Project area?

   LADWP should be able to provide the domestic needs of the project from the existing water system.

6. If the answer to question five is "no," what new infrastructure or upgrades would be needed to meet the proposed project's demand for water?

   LADWP cannot determine the impact on the existing water system until the fire demands of the project are known. Once a determination of the fire demands has been made, LADWP will assess the need for additional facilities, if needed.

7. Would the DWP be able to accommodate the proposed project's demand for water service with existing water supplies?

   If the proposed Project is within the City's General Plan and the C2's Zone allowable use and area limits, LADWP should be able to provide the domestic needs of the Project from the existing water system. LADWP cannot determine the impact on the existing water system until the proposed water demands and fire demands of the project are known. Once a determination of the water and fire demands have been made, LADWP will assess the need for additional facilities.

8. Would the water pressure and supply in the project area be adequate to meet the Los Angeles Fire Department's fire flow and residual water pressure requirements with implementation of the proposed project?

The private engineer shall request from the Los Angeles Fire Department (LAFD) the required fire flow requirements for the Project. Please contact the Hydrant and Access Unit of the LAFD at (213)482-6543. The LADWP will then determine whether the existing system is capable of meeting these requirements. Water main replacement may be required if fire flow requirements cannot be met.

The water pressure and water supply in the Project area met the Los Angeles Department of Building and Safety (LADBS) and LAFD requirements at the time it was constructed. However, with implementation of the proposed Project, upgrades to the existing water system may be required to meet the current LADBS and LAFD requirements for specific projects.

To determine the residual pressure, applicant/owner must apply for a Service Advisory Request (SAR/Fire Flow Report). The applicant/owner must know what the fire demand is prior to applying for a SAR. Based on the fire service demand, existing water facilities may need to be upgraded. Applications and information can be found on our website at: https://www.ladwp.com/ladwp/faces/commercial/c-customerservice/c-cs-waterservices/c-cs-ws-waterpressure

9. In order to assess the proposed project's future consumption of water, please provide your recommended rates. Land Use: _____ gallons / dwelling unit (DU) / day

For estimating a project's indoor water demand, we use applicable sewer generation factors (sgf). Please refer to the current factors at the following link: http://www.lacitysan.org/fmd/pdf/sfcfeerates.pdf or contact the LADWP Water Resources' Development group for a copy of the factors. The sgf have also been enclosed with this response letter.

For outdoor (landscape) water demand, we use California Code of Regulations Title 23. Division 2. Chapter 2.7. Model Water Efficient Landscape Ordinance. Please refer to the following link: http://www.water.ca.gov/wateruseefficiency/landscapeordinance/

If the proposed project scope includes cooling tower(s), consult a mechanical engineer to estimate the cooling water demand.

Applicants are encouraged to commit to water conservation measures that are beyond the current codes and ordinances, to lower the net additional water demand for the proposed project.

Power Needs

It should be noted that the Project applicant may be financially responsible for some of infrastructure improvements (e.g., installation of electric power facilities or service connections) necessary to serve the proposed Project.

As the Project proceeds further, please contact one of our Engineering Offices, as listed on Pages 1-4 of the Electric Service Requirements (available on-line at www.ladwp.com) for dealing with power services and infrastructure needs.

1. Please describe the sizes and voltages of existing electrical distribution lines that would serve the project site and the surrounding area (e.g., along _____). Please include a map illustrating your description.

   - **Three underground 4.8kV circuits are adjacent to the project site along S. Main St. There is one 4.8kV circuit adjacent to the project site along W. 12th St.**
   - **Two underground 34.5kV circuits are adjacent to the project sire along W. 12th St.**

   LADWP may possibly require space for a minimum of two pads for electrical equipment within the property with the required clearances and LADWP should have accessibility to the equipment.

   LADWP does not release/provide electrical distribution maps.

2. Are there any existing electricity service problems/deficiencies in the project area?

   No; however, the cumulative effect of this and other new and added loads in the area may require near term and/or future additions to distribution system capacity. The project would require on-site transformation facility.

3. If electricity service problems/deficiencies exist, how would they affect the proposed project, and how would you suggest those effects be mitigated by the project developer?

   This cannot be answered without review of the project developer's electrical drawings and load schedules. However, the cumulative effects of this and other projects in the area will require the LADWP to construct additional distribution facilities in the future. This project will require on-sire transformation and may require underground line extension on public streets.

4. Would there be a disruption in electrical service in the project area when "hooking-up" the proposed project? If so, about how long would the disruption last?

This cannot be answered without determining the method and voltage of service. If the connection of this project necessitates a disruption, certain procedures and processes will be followed to limit the disruption to a small area.

5. Would the DWP be able to accommodate the proposed project's demand for electricity service with the existing infrastructure in the project area?

   This cannot be answered without review of the Project developer's electrical drawings and load schedules. However, the cumulative effects of this and other Projects in the area will require the LADWP to construct additional distribution facilities in the future.

6. If the answer to five is "no," what new infrastructure would be needed to meet the proposed project's demand for electricity?

   This Project will require on-site transformation and may require underground line extension on public streets.

7. Would the DWP be able to accommodate the proposed project's demand for electricity with existing electricity supplies?

   Electric service is available and will be provided in accordance with the LADWP's Rules Governing Water and Electric Service (available on-line at https://www.ladwp.com under Commercial/Customer Service/Electric Services/Codes & Specifications). The availability of electricity is dependent upon adequate generating capacity and adequate fuel supplies. The estimated power requirement for this proposed Project is part of the total load growth forecast for the City of Los Angeles (City) and has been taken into account in the planned growth of the City's power system.

   LADWP's load growth forecast incorporates construction activity and is built into the commercial floor space model; the McGraw Hill Construction report identifies all large projects. In planning sufficient future resources, LADWP's Power Integrated Resource Plan incorporates the estimated power requirement for the proposed Project through the load forecast input and has planned sufficient resources to supply the electricity needs.

8. In order to assess the proposed project's future consumption of electricity, please provide us with your recommended rates. Land Use: multi-family residential = Kilowatt-hour / unit / year

   LADWP does not provide consumption rates.

Water Conservation

LADWP is always looking for means to assist its customers to use water resources more efficiently and welcomes the opportunity to work with new developments to identify water conservation opportunities. Some water conservation measures are enclosed. The LADWP website contains a current list of the available rebates and incentive programs, including the performance based Custom Water Conservation Technical Assistance Program (WCTAP, https://www.ladwp.com/ladwp/faces/wcnav_externalId/a-w-cstm-wtr-prjct-tap?_adf.ctrl-state=h8fsat92s_4&_afrLoop=3392823718109) for commercial, industrial, institutional and multi-family residential customers up to $250,000 for the installation of pre-approved equipment which demonstrates water savings. Mr. Mark Gentili is the Water Conservation Program Manager and can be reached at (213) 367-8556 or by e-mail at Mark.Gentili@ladwp.com. See the following link for LADWP water conservation rebate information on our website: https://www.ladwp.com/ladwp/faces/ladwp/aboutus/a-water/a-w-conservation

Energy Efficiency

LADWP suggests consideration and incorporation of energy- efficient design measures (enclosed) for building new commercial and/or remodeling existing facilities. Implementation of applicable measures would exceed Title 24 energy efficiency requirements. LADWP continues to offer a number of energy efficiency programs to reduce peak electrical demand and energy costs. For further information please contact Ms. Lucia Alvelais, Utility Services Manager, at (213) 367-4939 or by e-mail at Lucia.Alvelais@ladwp.com. See the following link for LADWP energy efficiency rebate information on our website: https://www.ladwp.com/ladwp/faces/ladwp/aboutus/a-power/a-p-energyefficiencyandrebates

Solar Energy

Solar power is a renewable, nonpolluting energy source that can help reduce our dependence on fossil fuels. Mr. Yamen Nanne is the Solar Energy Program Manager and can be reached at (213) 367-2585 or by e-mail at Yamen.Nanne@ladwp.com.

For more information about the Solar Incentive Program, please visit the LADWP website: www.ladwp.com/solar or www.ladwp.com/fit regarding the Feed-In Tariff Program.

For more information on other rebates and programs, please visit the LADWP website:https://www.ladwp.com/ladwp/faces/ladwp/commercial/c-savemoney/c-sm-rebatesandprograms

Electric Vehicle Transportation

LADWP is encouraging the installation of convenient electric vehicle (EV) charging stations for the home, workplace, and public charging to support the adoption of EVs in the City of Los Angeles. Mr. Louis Ting is the Power Engineering Manager in charge of this program and can be reached at (213) 367-0239 or via email at Louis.Ting@ladwp.com.

For more information on LADWP EV discount rates and charging incentives for residential and business customers, please visit the website: www.ladwp.com/ev. If you would like a Customer Service Representative to answer your questions or review your account and help you decide on the best option, please call us at 1-866-484-0433 or email us at PluginLA@ladwp.com.

Please include LADWP in your mailing list and address it to the attention of Mr. Charles C. Holloway in Room 1044 for review of the environmental document for the proposed Project.

Mr. Charles C. Holloway
Manager of Environmental Planning and Assessment
Los Angeles Department of Water and Power
111 North Hope Street, Room 1044
Los Angeles, CA 90012

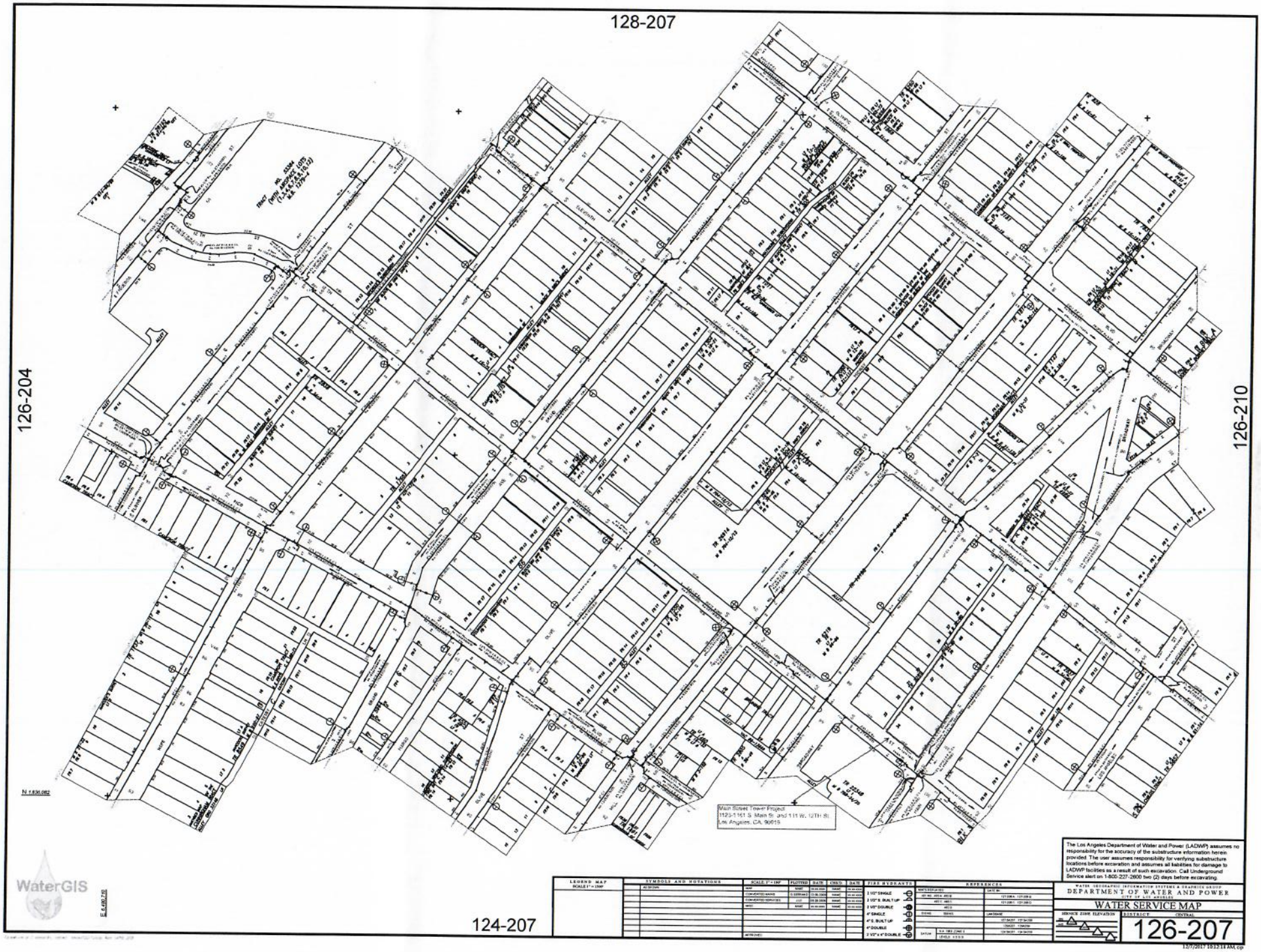
If there are any additional questions on this utility services request, please contact Ms. Kathryn Laudeman of the Environmental Assessment Group at (213) 367-6376.

Sincerely,

Nadia J Parker for

Charles Holloway
Manager of Environmental Planning and Assessment

KL:ns
Enclosures
c/enc: Mr. Delon Kwan
Mr. Mark Gentili
Mr. Chuck C. Holloway
Mr. Yamen Nanne
Mr. Louis Ting
Ms. Kathryn Laudeman
Mr. Richard Harasick
Ms. Lucia Alvelais


128-207
126-204
126-210
124-207
Main Street Tower Project
1123-1161 S. Main St. and 111 W. 12TH St.
Los Angeles, CA 90015
WaterGIS
LEGEND MAP
SCALE 1" = 1500'
SYMBOLS AND NOTATIONS
FIRE HYDRANTS
REFERENCES
The Los Angeles Department of Water and Power (LADWP) assumes no responsibility for the accuracy of the substructure information herein provided. The user assumes responsibility for verifying substructure locations before excavation and assumes all liabilities for damage to LADWP facilities as a result of such excavation. Call Underground Service alert on 1-800-227-2600 two (2) days before excavating.
WATER GEOGRAPHIC INFORMATION SYSTEMS & GRAPHICS UNIT
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES
WATER SERVICE MAP
SERVICE ZONE ELEVATION
DISTRICT
CENTRAL
126-207
12/7/2017 10:12:11 AM.cgp

SEWERAGE FACILITIES CHARGE
SEWAGE GENERATION FACTOR FOR
RESIDENTIAL AND COMMERCIAL CATEGORIES

EFFECTIVE DATE: April 6, 2012

Line No.	FACILITY DESCRIPTION	PROPOSED SGF IN GPD	BOD (mg/l)	SS (mg/l)
1	Acupuncture Office/Clinic	120/1,000 Gr SF	265	275
2	Arcade - Video Games	50/1,000 Gr SF	265	275
3	Auditorium (a)	3/Seat	265	275
4	Auto Parking (a)	20/1,000 Gr SF	265	275
5	Auto Mfg., Service Maintenance (b)	Actual	1,260	1,165
6	Bakery	280/1,000 Gr SF	3,020	2,540
7	Bank: Headquarters	120/1,000 Gr SF	265	275
8	Bank: Branch	50/1,000 Gr SF	265	275
9	Ballroom	350/1,000 Gr SF	265	275
10	Banquet Room	350/1,000 Gr SF	265	275
11	Bar: Cocktail, Fixed Set (a) (c)	15/Seat	265	275
12	Bar: Juice, No Baking Facilities (d)	720/1,000 Gr SF	265	275
13	Bar: Juice, with Baking Facilities (d)	720/1,000 Gr SF	265	275
14	Bar: Cocktail, Public Table Area (c)	720/1,000 Gr SF	265	275
15	Barber Shop	120/1,000 Gr SF	265	275
16	Barber Shop (s)	15/Stall	265	275
17	Beauty Parlor	425/1,000 Gr SF	265	275
18	Beauty Parlor (s)	50/Stall	265	275
19	Bldg. Const/Field Office (e)	120/Office	265	275
20	Bowling Alley: Alley, Lanes & Lobby Area	50/1,000 Gr SF	265	275
21	Bowling Facility: Arcade/Bar/Restaurant/Dancing	Total	Average	Average
22	Cafeteria: Fixed Seat	30/Seat	1,000	600
23	Car Wash: Automatic (b)	Actual	265	285
24	Car Wash: Coin Operated Bays (b)	Actual	265	285
25	Car Wash: Hand Wash (b)	Actual	265	285
26	Car Wash: Counter & Sales Area	50/1,000 Gr SF	265	275
27	Chapel: Fixed Seat	3/Seat	265	275
28	Chiropractic Office	120/1,000 Gr SF	265	275
29	Church: Fixed Seat	3/Seat	265	275
30	Church School: Day Care/Elem	9/Occupant	265	275
31	Church School: One Day Use (s)	9/Occupant	265	275
32	Cocktail Lounge: Fixed Seat (f)	15/Seat	265	275
33	Coffee House: No Food Preparation (d)	720/1,000 Gr SF	265	275
34	Coffee House: Pastry Baking Only (d)	720/1,000 Gr SF	265	275
35	Coffee House: Serves Prepared Food (d)	25/Seat	1,000	600
36	Cold Storage: No Sales (g)	30/1,000 Gr SF	265	275
37	Cold Storage: Retail Sales (g)	50/1,000 Gr SF	265	275
38	Comfort Station: Public	80/Fixture	265	275
39	Commercial Use (a)	50/1,000 Gr SF	265	275

SEWERAGE FACILITIES CHARGE
SEWAGE GENERATION FACTOR FOR
RESIDENTIAL AND COMMERCIAL CATEGORIES

EFFECTIVE DATE: April 6, 2012

Line No.	FACILITY DESCRIPTION	PROPOSED SGF IN GPD	BOD (mg/l)	SS (mg/l)
40	Community Center	3/Occupant	265	275
41	Conference Room of Office Bldg.	120/1,000 Gr SF	265	275
42	Counseling Center (h)	120/1,000 Gr SF	265	275
43	Credit Union	120/1,000 Gr SF	265	275
44	Dairy	Average Flow	1,510	325
45	Dairy: Barn	Average Flow	1,510	325
46	Dairy: Retail Area	50/1,000 Gr SF	265	275
47	Dancing Area (of Bars or Nightclub) (c)	350/1,000 Gr SF	265	275
48	Dance Studio (i)	50/1,000 Gr SF	265	275
49	Dental Office/Clinic	250/1,000 Gr SF	265	275
50	Doughnut Shop	280/1,000 Gr SF	1,000	600
51	Drug Rehabilitation Center (h)	120/1,000 Gr SF	265	275
52	Equipment Booth	30/1,000 Gr SF	265	275
53	Film Processing (Retail)	50/1,000 Gr SF	265	275
54	Film Processing (Industrial)	Actual	265	275
55	Food Processing Plant (b)	Actual	2,210	1,450
56	Gas Station: Self Service	100/W.C.	265	275
57	Gas Station: Four Bays Max	430/Station	1,950	1,175
58	Golf Course Facility: Lobby/Office/Restaurant/Bar	Total	700	450
59	Gymnasium: Basketball, Volleyball (k)	200/1,000 Gr SF	265	275
60	Hanger (Aircraft)	50/1,000 Gr SF	265	275
61	Health Club/Spa (k)	650/1,000 Gr SF	265	275
62	Homeless Shelter	70/Bed	265	275
63	Hospital	70/Bed	820	1,230
64	Hospital: Convalescent (a)	70/Bed	265	275
65	Hospital: Animal	300/1,000 Gr SF	820	1,230
66	Hospital: Psychiatric	70/Bed	265	275
67	Hospital: Surgical (a)	360/Bed	265	275
68	Hotel: Use Guest Rooms Only (a)	120/Room	265	275
69	Jail	85/Inmate	265	275
70	Kennel: Dog Kennel/Open	100/1,000 Gr SF	265	275
71	Laboratory: Commercial	250/1,000 Gr SF	265	275
72	Laboratory: Industrial	Actual	265	275
73	Laundromat	185/Machine	550	370
74	Library: Public Area	50/1,000 Gr SF	265	275
75	Library: Stacks, Storage	30/1,000 Gr SF	265	275
76	Lobby of Retail Area (l)	50/1,000 Gr SF	265	275
77	Lodge Hall	3/Seat	265	275
78	Lounge (l)	50/1,000 Gr SF	265	275

SEWERAGE FACILITIES CHARGE
SEWAGE GENERATION FACTOR FOR
RESIDENTIAL AND COMMERCIAL CATEGORIES

EFFECTIVE DATE: April 6, 2012

Line No.	FACILITY DESCRIPTION	PROPOSED SGF IN GPD	BOD (mg/l)	SS (mg/l)
79	Machine Shop (No Industrial Waste Permit Required) (b)	50/1,000 Gr SF	265	275
80	Machine Shop (Industrial)	Actual	265	275
81	Mfg or Industrial Facility (No IW Permit Required) (b)	50/1,000 Gr SF	265	275
82	Mfg or Industrial Facility (Industrial)	Actual	265	275
83	Massage Parlor	250/1,000 Gr SF	265	275
84	Medical Building (a)	225/1,000 Gr SF	265	275
85	Medical: Lab in Hospital	250/1,000 Gr SF	340	275
86	Medical Office/Clinic	250/1,000 Gr SF	265	275
87	Mini-Mall (No Food)	50/1,000 Gr SF	265	275
88	Mortuary: Chapel	3/Seat	265	275
89	Mortuary: Embalming	300/1,000 Gr SF	800	800
90	Mortuary: Living Area	50/1,000 Gr SF	265	275
91	Motel: Use Guest Room Only (a)	120/Room	265	275
92	Museum: All Area	30/1,000 Gr SF	265	275
93	Museum: Office Over 15%	120/1,000 Gr SF	265	275
94	Museum: Sales Area	50/1,000 Gr SF	265	275
95	Office Building (a)	120/1,000 Gr SF	265	275
96	Office Bldg w/Cooling Tower	170/1,000 Gr SF	265	275
97	Plating Plant (No IW Permit Required) (b)	50/1,000 Gr SF	265	275
98	Plating Plant (Industrial) (b)	Actual	265	275
99	Pool Hall (No Alcohol)	50/1,000 Gr SF	265	275
100	Post Office: Full Service (m)	120/1,000 Gr SF	265	275
101	Post Office: Private Mail Box Rental	50/1,000 Gr SF	265	275
102	Prisons	175/Inmate	265	275
103	Residential Dorm: College or Residential (n)	70/Student	265	275
104	Residential: Boarding House	70/Bed	265	275
105	Residential: Apt - Bachelor (a)	75/DU	265	275
106	Residential: Apt - 1 BDR (a) (o)	110/DU	265	275
107	Residential: Apt - 2 BDR (a) (o)	150/DU	265	275
108	Residential: Apt - 3 BDR (a) (o)	190/DU	265	275
109	Residential: Apt - >3 BDR (o)	40/BDR	265	275
110	Residential: Condo - 1 BDR (o)	110/DU	265	275
111	Residential: Condo - 2 BDR (o)	150/DU	265	275
112	Residential: Condo - 3 BDR (o)	190/DU	265	275
113	Residential: Condo - >3 BDR (o)	40/BDR	265	275
114	Residential: Duplex/Townhouse - 1 BR (o)	110/DU	265	275
115	Residential: Duplex/Townhouse - 2 BR (o)	150/DU	265	275
116	Residential: Duplex/Townhouse - 3 BR (o)	190/DU	265	275
117	Residential: Duplex/Townhouse - >3 BR (o)	40/BDR	265	275

SEWERAGE FACILITIES CHARGE
SEWAGE GENERATION FACTOR FOR
RESIDENTIAL AND COMMERCIAL CATEGORIES

EFFECTIVE DATE: April 6, 2012

Line No.	FACILITY DESCRIPTION	PROPOSED SGF IN GPD	BOD (mg/l)	SS (mg/l)
118	Residential: SFD - 1 BR (o)	140/DU	265	275
119	Residential: SFD - 2 BR (o)	185/DU	265	275
120	Residential: SFD - 3 BR (o)	230/DU	265	275
121	Residential: SFD - >3 BR (o)	45/BDR	265	275
122	Residential Room Addition: Bedroom (o)	45/BDR	265	275
123	Residential Room Conversion: Into a Bedroom (o)	45/BDR	265	275
124	Residential: Mobile Home	Same as Apt	265	275
125	Residential: Artist (2/3 Area)	75/DU	265	275
126	Residential: Artist Residence	75/DU	265	275
127	Residential: Guest Home w/ Kitchen	Same as Apt	265	275
128	Residential: Guest Home w/o Kitchen	45/BDR	265	275
129	Rest Home	70/Bed	555	490
130	Restaurant: Drive-In	50/Stall	1000	600
131	Restaurant: Drive-In Seating Area	25/Seat	1000	600
132	Restaurant: Fast Food Indoor Seat	25/Seat	1000	600
133	Restaurant: Fast Food Outdoor Seat	25/Seat	1000	600
134	Restaurant: Full Service Indoor Seat (a)	30/Seat	1000	600
135	Restaurant: Full Service Outdoor Seat	30/Seat	1000	600
136	Restaurant: Take Out	300/1,000 Gr SF	1000	600
137	Retail Area (greater than 100,000 SF)	50/1,000 Gr SF	265	275
138	Retail Area (less than 100,000 SF)	25/1,000 Gr SF	265	275
139	Rifle Range: Shooting Stalls/Lanes, Lobby	50/1,000 Gr SF	265	275
140	Rifle Range Facility: Bar/Restaurant	Total	Average	Average
141	School: Arts/Dancing/Music (i)	11/Student	265	275
142	School: Elementary/Jr. High (a) (p)	9/Student	265	275
143	School: High School (a) (p)	11/Student	265	275
144	School: Kindergarten (s)	9/Student	265	275
145	School: Martial Arts (i)	9/Student	265	275
146	School: Nursery-Day Care (p)	9/Child	265	275
147	School: Special Class (p)	9/Student	265	275
148	School: Trade or Vocational (p)	11/Student	265	275
149	School: Training (p)	11/Student	265	275
150	School: University/College (a) (p)	16/Student	265	275
151	School: Dormitory (a) (n)	70/Student	265	275
152	School: Stadium, Pavilion	3/Seat	265	275
153	Spa/Jacuzzi (Commercial with backwash filters)	Total	265	275
154	Storage: Building/Warehouse	30/1,000 Gr SF	265	275
155	Storage: Self-Storage Bldg	30/1,000 Gr SF	265	275
156	Store: Ice Cream/Yogurt	25/1,000 Gr SF	1000	600

SEWERAGE FACILITIES CHARGE
SEWAGE GENERATION FACTOR FOR
RESIDENTIAL AND COMMERCIAL CATEGORIES

EFFECTIVE DATE: April 6, 2012

Line No.	FACILITY DESCRIPTION	PROPOSED SGF IN GPD	BOD (mg/l)	SS (mg/l)
157	Store: Retail (l)	50/1,000 Gr SF	265	275
158	Studio: Film/TV - Audience Viewing Room (q)	3/Seat	265	275
159	Studio: Film/TV - Regular Use Indoor Filming Area (q)	50/1,000 Gr SF	265	275
160	Studio: Film/TV - Ind. Use Film Process/Machine Shop (q)	50/1,000 Gr SF	265	275
161	Studio: Film/TV - Ind. Use Film Process/Machine Shop	Total	265	275
162	Studio: Recording	50/1,000 Gr SF	265	275
163	Swimming Pool (Commercial with backwash filters)	Total	265	275
164	Tanning Salon: Independent, No Shower (r)	50/1,000 Gr SF	265	275
165	Tanning Salon: Within a Health Spa/Club	640/1,000 Gr SF	265	275
166	Theater: Drive-In	6/Vehicle	265	275
167	Theater: Live/Music/Opera	3/Seat	265	275
168	Theater: Cinema	3/Seat	265	275
169	Tract: Commercial/Residential	1/Acre	265	275
170	Trailer: Const/Field Office (e)	120/Office	265	275
171	Veterinary Clinic/Office	250/1,000 Gr SF	265	275
172	Warehouse	30/1,000 Gr SF	265	275
173	Warehouse w/ Office	Total	265	275
174	Waste Dump: Recreational	400/Station	2650	2750
175	Wine Tasting Room: Kitchen	200/1,000 Gr SF	265	275
176	Wine Tasting Room: All Area	50/1,000 Gr SF	265	275

FOOTNOTES TO SGFs TABLE

(a) SFC rates for these facilities have historically been published in SFC ordinances.

(b) Bureau of Sanitation will determine the flow based on the information given by applicants for facilities with industrial discharge. The flow will be redetermined by Sanitation inspectors annually based on water bills. If the actual flow exceeds the previous year's determined flow, the applicants will be charged for the difference.
If this type of facility is exempt from an industrial discharge permit, only the domestic SFC will be assessed.

(c) The SFC for a bar shall be the sum of SFC's for all areas based on the SGF for each area (ex. fixed seat area, public table area, dancing area).

(d) The determination of SGF for juice bars and coffee houses previously depended on the extent of the actual food preparation in house, not by the types of food provided. Food is assumed to be prepared offsite and as such, the three prior subcategories have been consolidated.

1) SGF for no pastry baking and no food preparation is 720 gpd/1000 gr.sq.ft.
2) SGF for pastry baking only and no food preparation is 720 gpd/1000 gr.sq.ft.
3) SGF for complete food preparation is 25 gpd/seat, the same as a fast food restaurant.

Juice bars and coffee houses do not serve any alcoholic drinks.

(e) Building construction includes trailers, field offices, etc.

(f) Cocktail lounge usually does not serve prepared food.

(g) Cold storage facilities are categorized as follow:

1) No Sales - the cold storage facility is used only for temporary storage, no selling is involved. For example, cold storage facilities at the harbor temporarily store seafood until it is distributed.
2) Cold storage w/ retail sales - the primary function of this facility is to support the wholesale/retail operation of a store, such as supermarket freezers, refrigerators, etc.

(h) Counseling centers include marriage counseling centers, alcohol/drug rehabilitation /dependency centers, nutrition centers, diet centers, etc.

(i) Part-time basis schools or dance studios should be charged as retail area - 50 gpd /1000 gr.sq.ft. Full-time basis schools should be charged by the number of students.

(j) Domestic waste is estimated at 50 gpd/1,000 square feet in addition to total process flow.

(k) Bureau of Sanitation will determine if an industrial permit is needed for health spas. The first year flow is based on 650 gpd/1000 gr.sq.ft., and the Sanitation inspectors will redetermine the flow annually based on water bill from the previous year. The applicants are responsible for paying the difference of SFC.

Health club/spa includes lobby area, workout floors, aerobic rooms, swimming pools, Jacuzzi, sauna, locker rooms, showers, and restrooms. If a health club/spa has a gymnasium type of facility, this portion should be charged separately at the gymnasium SFC rate.

Gymnasiums include basketball court, volleyball court, and any other large open space with low occupancy density.

(l) Lobby of retail includes lounges, holding rooms, or waiting area, etc.

(m) Full service post offices include U.S. Postal Service, UPS, Federal Express, DHL, and etc.

(n) The SGF for a college dormitory based on student capacity also includes the SGF for the dormitory cafeterias.

(o) A bedroom is defined as an enclosed subdivision with 50 sq.ft. or more floor area in a residential building commonly used for sleeping purpose, and is partitioned off to form a habitable room.

(p) The SGF for schools based on the student capacity, covers the following facilities:

1) classrooms and lecture halls
2) professors' offices
3) administration offices
4) laboratories for classes or research
5) libraries
6) bookstores
7) student/professor lounges
8) school cafeterias
9) warehouses and storage areas
10) auditoriums
11) gymnasiums
12) restrooms

It does not include water used by schools for swimming pools. When a school files an application for addition of any of the foregoing facilities, the student population will be reassessed and the total gpd for the new facility will be based on the number of students increased since the last SFC was paid or when the City implemented the SFC for the first time. The SFC for any school facility (ex. stadium, dormitory, etc.) not listed above, will be based on the designated SGF for that category.

(q) The SFC for a TV or motion picture studio shall be the sum of SFC's for different facilities in the studio, based on the SGF for each facility. A studio may include one or more of the following facilities: audience viewing room, filming room, film processing, storage area, etc.

(r) No independent tanning salons with shower were encountered during 1996 survey.

(s) Alternative basis of charge for City's consideration. The prior square footage basis is also presented should the City decide to continue charging on that basis.

LADWP WATER & ENERGY CONSERVATION MEASURES

IMPACT ON THE WATER SYSTEM

If the estimated water requirements for the proposed project can be served by existing water mains in the adjacent street(s), water service will be provided routinely in accordance with the Los Angeles Department of Water and Power's (LADWP) Rules and Regulations (available on-line at www.ladwp.com under Commercial/Customer Service/Water Services under the title, Rules Governing Water & Electric Service. If the estimated water requirements are greater than the available capacity of the existing distribution facilities, special arrangements must be made with the LADWP to enlarge the supply line(s). Supply main enlargement will cause short-term impacts on the environment due to construction activities.

In terms of the City's overall water supply condition, the water requirement for any project that is consistent with the City's General Plan has been taken into account in the planned growth in water demand. Together with local groundwater sources, the City operates the Los Angeles-Owens River Aqueduct and purchases water from the Metropolitan Water District of Southern California. These three sources, along with recycled water, will supply the City's water needs for many years to come.

Statewide drought conditions in the mid-1970s and late 1980s dramatically illustrated the need for water conservation in periods of water shortage. However, water should be conserved in Southern California even in years of normal climate because efficient use of water allows increased water storage for use in dry years as well as making water available for beneficial environmental uses. In addition, electrical energy is required to treat and deliver all water supplies to the City and the rest of Southern California. Conserving water contributes to statewide energy conservation efforts. Practicing water conservation also results in decreased customer operating costs.

WATER CONSERVATION

LADWP assists residential, commercial, and industrial customers in their efforts to conserve water. Below is a list of some of the water conservation requirements in Los Angeles for new construction and when fixtures are replaced in existing buildings. Also included are further voluntary recommendations to save water.

1. High efficiency water closets, high efficiency urinals, water-saving showerheads, and low flow faucets must be installed in new constructions and may be retrofitted in existing buildings. The flow rates of new plumbing fixtures must comply with the most stringent of the following: Los Angeles City Ordinance No. 180822 (http://clkrep.lacity.org/onlinedocs/2009/09-0510_ord_180822.pdf), the 2014 Los Angeles Plumbing Code and the 2013 California Green Building Standards Code (CALGreen), the 2014 Los Angeles Green Building Code.

2. New installations of air conditioning systems that utilize evaporative cooling (i.e. employ cooling towers) shall operate at a minimum of 5.5 cycles of concentration. Single pass cooling systems are prohibited in most cases.

3. Energy Star rated dishwashers must be installed for new construction and when replacing existing units in most cases. Water conserving clothes washers are available from many manufacturers and should be selected. Water saved by these appliances also saves energy in that the water used by these appliances is typically heated.

4. The design of the hot water plumbing system should be such that it minimizes the delivery time for hot water. This may be accomplished through the use of a demand type or a timed and temperature control type hot water recirculation system, point-of-use water heaters, and/or a parallel piping system which all help reduce the pipe length between the fixture and the point of supply of the hot water.

5. Landscape areas utilize a significant volume of the water delivered by LADWP and represent a great potential for water conservation. The State adopted landscape regulations for landscape areas over 2,500 square feet that apply for new constructions and when existing landscapes are renovated. These regulations are addressed by Los Angeles City Ordinance No. 170978 and the City of Los Angeles Irrigation Guidelines (http://cityplanning.lacity.org/Forms_Procedures/2405.pdf) and require submittal of a landscape document package prepared and signed by a licensed professional architect, engineer or contractor to the Department of Building and Safety for review. Please contact the Los Angeles City Planning Department for further information.

6. The landscape irrigation system should be designed, installed, and tested to provide uniform irrigation coverage for each zone. Sprinkler head patterns must be adjusted to minimize over spray onto walkways and streets. Each zone (sprinkler valve) should water plants having similar watering needs (do not mix shrubs, flowers and turf in the same watering zone).

7. Automatic irrigation timers should be set to irrigate landscapes during early morning or late evening hours to reduce water losses from evaporation. Adjust irrigation run times for all zones seasonally, reducing watering times and frequency in the cooler months (fall, winter, spring). Adjust sprinkler timer run times to avoid water runoff, especially when irrigating sloped property.

8. The City of Los Angeles has enacted legislation to address the water supply shortages caused by the recent statewide drought. Los Angeles City Ordinance No. 181288 (http://clkrep.lacity.org/onlinedocs/2009/09-0369-s9_ord_181288.pdf) also known as the Emergency Water Conservation Plan imposes phased water rationing during drought conditions and imposes penalties

for users that do not comply. When water rationing is in effect, landscape irrigation is prohibited between the hours of 9:00 AM and 4:00 PM. Specific watering days and maximum irrigation rates are also defined in this ordinance. When water rationing is in effect, it can be extremely difficult to establish certain types of new landscapes. The landscape architect must take this into consideration in selecting the plant type and the landscape design.

9. Selection of drought-tolerant, low water consuming plant varieties should be used to reduce irrigation water consumption. For a list of plant varieties with their irrigation requirements, refer to the State Guide for Landscape Irrigation which can be found at, (http://www.water.ca.gov/pubs/planning/guide_to_estimating_irrigation_water_needs_of_landscape_plantings_in_ca/wucols.pdf), or consult a landscape architect.

10. Graywater and other alternate water source systems are now addressed in the California Plumbing Code for residential and non-residential buildings. Graywater is semi clean wastewater generated and collected on-site by the building's plumbing system from showers, bathtubs, bathroom sinks and clothes washers but does not include wastewater from toilets, dishwashers or kitchen sinks. The collected graywater is then reused on-site for various beneficial uses. The Plumbing Code addresses the proper collection, handling, treatment and use of Alternate Water Sources.

    The use of graywater reduces the demand for potable water. Please see the attached link for information regarding the installation graywater systems in Los Angeles for residential properties: http://www.ladwp.com under Residential/Go Green.

11. The City continues to expand its purple pipe distribution system of recycled water. The availability of recycled water should be investigated as a source to irrigate large landscaped areas and for toilet and urinal flushing.

LADWP is always looking for means to assist its customers to use water resources more efficiently and welcomes the opportunity to work with new developments to identify water conservation opportunities. Some water conservation measures are enclosed. The LADWP website contains a current list of the available rebates and incentive programs, including the performance based Custom Water Conservation Technical Assistance Program (TAP). Mr. Mark Gentili is the Water Conservation Program Manager and can be reached at (213) 367-8556 or by e-mail at Mark.Gentili@ladwp.com. See the following link for LADWP water conservation rebate information on our website:
https://www.ladwp.com/ladwp/faces/ladwp/aboutus/a-water/a-w-conservation

COMMERCIAL ENERGY EFFICIENCY MEASURES

During the design process, the applicant should consult with the Los Angeles Department of Water and Power, Conservation and Sustainability Programs Section,

regarding possible energy efficiency measures. The Conservation and Sustainability Programs Section encourages customers to consider design alternatives and information to maximize the efficiency of the building envelope, heating, ventilation, and air conditioning, building lighting, water heating, and building mechanical systems. The applicant shall incorporate measures to meet or, if possible, exceed minimum energy efficiency standards for: (1) Title 24, Part 6 of the California Code of Regulations (Title 24); (2) California Green Building Standards Code (CALGreen); (3) Los Angeles Green Building Code. In addition to energy efficiency technical assistance, the LADWP may offer financial incentives for energy designs that exceed minimum energy efficiency standards.

1. Built-in appliances, refrigerators, and space-conditioning equipment should exceed the minimum efficiency levels mandated in the Title 24.

2. Install high-efficiency air conditioning controlled by a computerized energy-management system in the office and retail spaces which provides the following:

    - A variable air-volume system which results in minimum energy consumption and avoids hot water energy consumption for terminal reheat;

    - A 100-percent outdoor air-economizer cycle to obtain free cooling in appropriate climate zones during dry climatic periods;

    - Sequentially staged operation of air-conditioning equipment in accordance with building demands; and

    - The isolation of air conditioning to any selected floor or floors.

3. Consider the applicability of the use of thermal energy storage to handle cooling loads.

4. Cascade ventilation air from high-priority areas before being exhausted, thereby decreasing the volume of ventilation air required. For example, air could be cascaded from occupied space to corridors and then to mechanical spaces before being exhausted.

5. Recycle lighting system heat for space heating during cool weather. Exhaust lighting-system heat from the buildings, via ceiling plenums, to reduce cooling loads in warm weather.

6. Install low and medium static-pressure terminal units and ductwork to reduce energy consumption by air-distribution systems.

7. Ensure that buildings are well sealed to prevent outside air from infiltrating and increasing interior space-conditioning loads. Where applicable, design building

entrances with vestibules to restrict infiltration of unconditioned air and exhausting of conditioned air.

8. Building commissioning should be completed prior to issuance of the certificate of occupancy to verify that the building systems components meet the project requirements.

9. Finish exterior walls with light-colored materials and high-emissivity characteristics to reduce cooling loads. Finish interior walls with light-colored materials to reflect more light and, thus, increase lighting efficiency.

10. Use a white reflective material for roofing meeting California standards for reflectivity and emissivity to reject heat. The Los Angeles Municipal Code now mandates cool roof materials for all new and complete replacement roofs installed in the City of Los Angeles.

11. Install thermal insulation in walls and ceilings, which exceeds requirements established by Title 24.

12. Design window systems to reduce thermal gain and loss, thus, reducing cooling loads during warm weather and heating loads during cool weather.

13. Install heat-rejecting window treatments, such as films, blinds, draperies, or others on appropriate exposures.

14. Install LED lamps or fixtures, which give the highest light output per watt of electricity consumed, for all street and parking lot lighting to reduce electricity consumption. Install an astronomical time switch control to meet your projects design needs.

15. Install automatic daylighting controls and dimmable electronic ballasts, to light fixtures near windows and skylights, to maximize the use of natural daylight available and reduce artificial lighting load.

16. Install occupant-controlled thermostats to permit individual adjustment of heating, and cooling to avoid unnecessary energy consumption.

17. Install a lighting control system to automatically control interior and exterior lights in public areas and will also energize emergency egress lights when an emergency occurs.

18. Control mechanical systems (HVAC and lighting) in the building with timing systems to prevent accidental or inappropriate conditioning or lighting of unoccupied space.

19. Incorporate windowless walls or passive solar inset of windows into the project for appropriate exposures.

20. Design project to focus pedestrian activity within sheltered outdoor areas.

21. Install individual occupant sensors indoors, where appropriate, to automatically turn lights off when an area is vacated.

22. Install the manufacturers recommended lamp and ballast combination for all fluorescent light fixtures to provide the most efficient light output. Use reflectors to direct maximum levels of light to work surfaces.

For additional information concerning these conservation measures, please contact Ms. Lucia Alvelais, Utility Services Manager, at (213) 367-4939. Also, please visit the Los Angeles Department of Building and Safety's website for information on CALGreen and the Los Angeles Green Building Code (http://ladbs.org/LADBSWeb/green-bldg.jsf). Additional water and energy code compliance tips as well as various useful Green Building links are available on the LADWP website at the following location: http://www.ladwp.com under Commercial/Go Green.

W&P ConsrvtnMeasures v.10302015

FORM. GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

July 10, 2019

To: Parker Environmental Consultants
Attn: Elise Lorenzana
23822 Valencia Blvd.
Santa Clarita, CA 91355
Van Nuys, CA 91406

From: Los Angeles City Fire Department

Subject: Request for Fire Services Report

PROJECT NAME: **MAIN STREET TOWER PROJECT**
PROJECT APPLICANT: **PARKER ENVIRONMENTAL CONSULTANTS**
PROJECT LOCATION: **1123-1161 S. MAIN STREET AND 111 W. 12TH STREET, LOS ANGELES, CA 90015**

PROJECT DESCRIPTION:

The Proposed Project includes the demolition of the existing structures and the construction, use, and maintenance of a 30-story, mixed-use development with 363 dwelling units and 12,500 square feet of ground floor commercial space.

The following comments are furnished in response to your request for this Department to review the proposed development:

FIRE FLOW:

The adequacy of fire protection for a given area is based on required fire-flow, response distance from existing fire stations, and this Department's judgment for needs in the area. In general, the required fire-flow is closely related to land use. The quantity of water necessary for fire protection varies with the type of development, life hazard, occupancy, and the degree of fire hazard.

Fire-flow requirements vary from 2,000 gallons per minute (G.P.M.) in low density residential areas to 12,000 G.P.M. in high-density commercial or industrial areas. A minimum residual water pressure of 20 pounds per square inch (P.S.I.) is to remain in the water system, with the required gallons per minute flowing. The required fire-flow for this project has been set at **6,000 to 9,000 G.P.M. from four to six fire hydrants flowing simultaneously.**

Improvements to the water system in this area may be required to provide 6,000 to 9,000 G.P.M. fire-flow. The cost of improving the water system may be charged to the developer. For more detailed information regarding water main improvements, the developer shall contact the Water Services Section of the Department of Water and Power.

RESPONSE DISTANCE:

Based on a required fire-flow of 6,000 to 9,000 G.P.M., the first-due Engine Company should be within 1 mile(s), the first-due Truck Company within 1 1/2 mile(s).

FIRE STATIONS:
The Fire Department has existing fire stations at the following locations for initial response into the area of the proposed development: **1123 S. MAIN STREET**

DISTANCE		SERVICES & EQUIPMENT	STAFF
0.7	**Fire Station No. 10** 1335 S. Olive Street Los Angeles, CA 90015	Paramedic Rescue Ambulance, BLS Rescue Ambulance and Assessment Light Force	**14**
0.9	**Fire Station No. 9** 430 E. 7th Street Los Angeles, CA 90014	2 Assessment Engines, BLS Truck and 2 Paramedic Rescue Ambulances, BLS Rescue Ambulance and Fast Response Unit	**22**
2.0	**Fire Station No. 11** 1819 W. 7th Street Los Angeles, CA 90057	Assessment Engine, Paramedic Rescue Ambulance, BLS Rescue Ambulance, Light Force	**14**
1.9	**Fire Station No. 3** 108 N. Fremont Avenue Los Angeles, CA 90012	Task Force, Paramedic Rescue Ambulance, BLS Rescue Ambulance, Emergency Lighting Unit, Command Post Vehicle, Medical Supply Trailer and Back-up US&R Apparatus	**16**
2.4	**Fire Station No. 15** 3000 S. Hoover Los Angeles, CA 90007	Engine, Assessment Light Force, Paramedic Rescue Ambulance	**12**

Based on these criteria (response distance from existing fire stations), fire protection would be considered **adequate.**

The Los Angeles Fire Department continually evaluates fire station placement and overall Department services for the entire City, as well as specific areas. The development of this proposed project, along with other approved and planned projects in the immediate area, may result in the need for the following:

1. Increased staffing for existing facilities. (I.E., Paramedic Rescue Ambulance and EMT Rescue Ambulance resources.)
2. Additional fire protection facilities.
3. Relocation of present fire protection facilities.

For additional information, please contact the Fire Development Services Section, Hydrants & Access Unit at **(213) 482-6543.**

RALPH M. TERRAZAS,
Fire Chief

Kristin Crowley, Fire Marshal
Bureau of Fire Prevention and Public Safety

KC:RED:yw

ATTACHMENT: LAFD Frequently Asked Questions

LOS ANGELES POLICE DEPARTMENT

MICHEL R. MOORE
Chief of Police

ERIC GARCETTI
Mayor

P. O. Box 30158
Los Angeles, CA 90030
Telephone: (213) 486-6000
TDD: (877) 275-5273
Ref #:14.7

June 12, 2019

Ms. Elise Lorenzana
Senior Environmental Planning
Parker Environmental Planner
23822 Valencia Boulevard, Suite 301
Santa Clarita, California 91355

Dear Ms. Lorenzana:

The proposed Main Street Tower Project falls within the geographical boundaries of the Los Angeles Police Department's Central Area. A project of this size could have a minor impact on police services in the Central Area. The Department is available to advise you on crime prevention features appropriate for the design of the property in this project. The Department strongly recommends that the developers contact Community Outreach and Development Division, Crime Prevention Through Environmental Design, Officer Christopher Gibson, at (213) 486-6000.

Upon completion of the project, you are encouraged to provide the Central Area Commanding Officer with a diagram of each portion of the property. The diagram should include access routes and any additional information that might facilitate police response.

Should you have any questions, please contact Officer Christopher Gibson, Community Outreach and Development Division, at (213) 486-6000.

Very truly yours,

MICHEL R. MOORE
Chief of Police

AARON C. PONCE, Captain
Commanding Officer
Community Outreach and Development Division

Enclosure

The proposed Main Street Tower Project will be under the jurisdiction of Central Community Police Station, located at 251 East 6th Street, Los Angeles, CA 90014. Telephone Number (213) 833-3707.

The project site is approximately 0.9 miles and 5 minutes without traffic from the Police Station in Reporting District (RD) 0185.

Central Geographic Area is approximately 4.5 square miles and consists of 52 Reporting Districts. The service boundaries for Central Area are as follows: Stadium Way, Pasadena Freeway to the North, Washington Boulevard, 7th Street to the South, Los Angeles River to the East, and the Harbor Freeway to the West.

It has approximately 370 sworn personnel and 30 civilian support staff assigned. It is a culturally diverse community with a population of approximately 40,000 people. The officer to resident ratio is; 1 officer to 108 residents in Central Area. Additionally, there are special service teams available within the LAPD to service Central Area.

Central Station's emergency response system is directly linked to the Los Angeles Police Department Communications Division's Dispatch Centers. Communications Division has the responsibility to staff and answer, on a 24-hour basis, the telephones upon which calls for service are received. This includes 911 emergency calls (police, fire, and paramedic). Communication Division handles only police related calls for the City.

The average response time to emergency calls for service in Central Area during 2018 was 2.8 minutes. The average response time for non-emergency calls for service in Central Area during 2018 was 19.6 minutes.

Crime Statistics for all Central Area:

CRIMES	YTD 2018	YTD 2017	YDT 2016
HOMICIDE	14	21	11
RAPE	97	106	90
ROBBERY	694	720	682
AGGRAVATED ASSAULT	1072	1189	909
BURGLARY	349	376	324
MOTOR VEHICLE THEFT	418	395	399
BURGLARTY FROM MOTOR VEHICLE	1743	1368	1101
PERSONAL/OTHER THEFT	2995	2741	2634

Prepared by:

Officer Christopher Gibson
Community Outreach and Development Division
213 486-6000

LOS ANGELES UNIFIED SCHOOL DISTRICT

Facilities Services Division

DATE: May 29, 2019

TO: Elise Lorenzana
Parker Environmental Consultants
23822 Valencia Boulevard, Suite 301
Santa Clarita, CA 91355

FROM: Rena Perez, Director
Master Planning & Demographics

SUBJECT: Environmental Impact Report Information Requested for: ***MAIN STREET TOWER PROJECT,*** *1123-1161 South Main Street and 111 West 12th Street, Los Angeles, CA 90015. The project is planned to construct 363 residential units: 122 studio units, 133 1-Bedroom units, 96 2-Bedroom units, and 12 3-Bedroom units, including retail/commercial use.*

Included please find a ***LAUSD Schools Enrollments and Capacities Report*** for the schools and programs serving the project address. This report contains the most recent data available on operating capacities and enrollments, and is designed to address any questions pertaining to overcrowding and factors related to school capacity. All schools operate on single track calendar.

Please note that no new school construction is planned and the data in this report *already take into account*: portable classrooms on site, additions being built onto existing schools, student permits and transfers, programs serving choice areas, and any other operational activities or educational programming affecting the operating capacities and enrollments among LAUSD schools.

Additional information on LAUSD's Capital Improvement programs can be found on the Facilities Services Division main webpage at http://www.laschools.org/new-site/. Listings of residential schools and other programs serving the project can be found using LAUSD's Residential School Finder at http://rsi.lausd.net/ResidentSchoolIdentifier/.

The Developer Fee Justification Study with student generation rates can be found online at https://achieve.lausd.net/domain/921.

MASTER PLANNING AND DEMOGRAPHICS RESPONSE TO SPECIFIC QUESTIONS

Questions: 1 and 2 The project is located in a **HS** attendance choice/option area. Please see LAUSD Schools Enrollments and Capacities Report details;

Question: 3 Please contact the LAUSD Developer Fee Program Office (DFPO) at (213) 241-0715 if more information regarding fees and student generation rates is needed.

ATTACHMENTS

1. LAUSD SCHOOLS ENROLLMENTS AND CAPACITIES REPORT

2. BOUNDARY DESCRIPTIONS FOR SCHOOLS SERVING PROPOSED PROJECT
   Boundary descriptions for existing schools identified as serving the proposed project

Sincerely,

Rena Perez, Director

PROJECT SERVED: MAIN STREET TOWER PROJECT, 1123-1161 South Main Street and 111 West 12th Street, Los Angeles, CA 90015. The project is planned to construct 363 residential units: 122 studio units, 133 1-Bedroom units, 96 2-Bedroom units, and 12 3-Bedroom units, including retail/commercial use.

SCHOOL YEAR: 2017-2018

1	2	3	4	5	6	7	8	9	10
Cost Center Code	School Name	Capacity	Resident Enrollment	Actual Enrollment	**Current seating overage/(shortage)**	Overcrowded **Now**?	Projected Enrollment	**Projected seating overage/(shortage)**	Overcrowding Projected in **Future**?
1550501	9th St El	375	292	347	83	**No**	353	22	**No**
1805801	Liechty MS	1191	1674	983	(483)	**Yes**	1762	(571)	**Yes**
a	**SCHOOL CHOICE AREA TOTALS** (schools listed below)	**6594**	**6925**	**4967**	**(331)**	**Yes**	**6641**	**(47)**	**Yes**
	BELMONT HS ZONE OF CHOICE								
1820701	Contreras LC ALC	567	-	454	-	-	-	-	-
1851601	Cortines Sch of VAPA	1515	-	1284	-	-	-	-	-
1851701	Contreras LC Bus Tr	537	-	446	-	-	-	-	-
1852701	Contreras LC Soc Jus	553	-	453	-	-	-	-	-
1854301	Belmont SH	1572	-	954	-	-	-	-	-
1854401	Roybal LC	1443	-	1023	-	-	-	-	-
1877401	Contreras LC Glbl St	407	-	353	-	-	-	-	-

[a] Schools & programs that are part of a "school choice area" pull enrollments from the area school(s) that have resident attendance boundaries.
Seating overage/shortage and overcrowding is calculated and reported for the school choice area as a whole; capacity and actual enrollment is reported for each individual school and/or program listed in the shaded cells.

Schools Planned to Relieve Known Overcrowding

NONE

see next page

NOTES:

[1] School's ID code.

[2] School's name

[3] School's operating capacity. The maximum number of students the school can serve with the school's classroom utilization. Excludes capacity allocated to charter co-locations. Includes capacity for magnet programs.

[4] The total number of students living in the school's attendance area and who are eligible to attend the school at the start of the reported school year, plus students enrolled at any on-site magnet centers.

[5] The number of students actually attending the school at the start of the reported school year, including magnet students.

[6] Reported school year seating overage or (shortage): equal to (capacity) - (resident enrollment).

[7] Reported school year overcrowding status of school. The school is overcrowded if any of these conditions exist:
-There is a seating shortage.
-There is a seating overage of LESS THAN or EQUAL TO a margin of 20 seats.

[8] Projected 5-year total number of students living in the school's attendance area and who are eligible to attend the school as of the start of the school year. Includes magnet students.

[9] Projected seating overage or (shortage): equal to (capacity) - (projected enrollment).

[10] Projected overcrowding status of school. The school will be considered overcrowded in the future if any of these conditions exist:
-There is a seating shortage in the future.
-There is a seating overage of LESS THAN or EQUAL TO a margin of 20 seats in the future.

[°] Magnet Schools with Resident Kindergarten Enrollment: Resident enrollment is reported for Kindergarten only. Actual enrollment is reported for all grades in school. Projected data not reported.

[*] Enrollment is by application only.

LOS ANGELES UNIFIED SCHOOL DISTRICT
Facilities **S**ervices **D**ivision

LOC. CODE: 5505 **COST CENTER:** 1550501

SUBJECT: NEW SERVICE BOUNDARY DESCRIPTION FOR NINTH STREET SCHOOL EFFECTIVE JULY 1, 2013.

The area described below has been approved as the attendance area served by the above-mentioned school. The description starts at the most northwesterly corner and follows the streets in clockwise order. Boundaries are on the center of the street unless otherwise noted.

This boundary supersedes boundary effective July 1, 1984 (updated 7-1-1994, 7-1-2009).

This is an official copy for your file.

(GRADES K - 5)

FIRST STREET * ALAMEDA STREET * FOURTH STREET * LOS ANGELES RIVER * 15TH STREET AND EXTENSION * CENTRAL AVENUE * 14TH PLACE * SAN PEDRO STREET * 14TH STREET AND EXTENSION * MAIN STREET * 14TH STREET * HILL STREET * VENICE BOULEVARD * HOPE STREET AND EXTENSION * FOURTH STREET * OLIVE STREET.

For assistance, please call Master Planning & Demographics, Facilities Services Division, at (213) 241-8044.

APPROVED: MARK HOVATTER, Chief Facilities Executive, Facilities Services Division

DISTRIBUTION: School
Transportation Branch
Master Planning and Demographics
Office of Environmental Health and Safety
Department of Transportation, City of L. A.

LOS ANGELES UNIFIED SCHOOL DISTRICT
Facilities **S**ervices **D**ivision

LOC. CODE: 8058 **COST CENTER:** 1805801

SUBJECT: UPDATE BOUNDARY DESCRIPTION FOR JOHN LIECHTY MIDDLE SCHOOL EFFECTIVE JULY 1, 2009 (UPDATED 7-1-2010).

Reconfiguration has changed the grade levels serviced by this school and the boundary description has been updated to reflect this change. This updating does not change the intent of the boundary as it was approved on July 1, 2009. The description starts at the most northwesterly corner and follows the streets in clockwise order. Boundaries are on the center of the street unless otherwise noted.

This is an official copy for your file.

(GRADES 6 - 8)

THIRD STREET TO UNION PLACE * THIRD STREET (BOTH SIDES EXCLUDED) * LOMA DRIVE (BOTH SIDES EXCLUDED) * SIXTH STREET * WITMER STREET (BOTH SIDES EXCLUDED) * WILSHIRE BOULEVARD * HARBOR FREEWAY * THIRD STREET * MAIN STREET * PICO BOULEVARD * HILL STREET * VENICE BOULEVARD * HARBOR FREEWAY * 14TH STREET AND EXTENSION (BOTH SIDES EXCLUDED) * VALENCIA STREET (BOTH SIDES EXCLUDED) * PICO BOULEVARD (BOTH SIDES) TO UNION AVENUE * PICO BOULEVARD * BONNIE BRAE STREET (BOTH SIDES EXCLUDED) * TWELFTH STREET * ALVARADO STREET * SIXTH STREET * CORONADO STREET (BOTH SIDES).

(GRADES 7 - 8)

AREA I

THIRD STREET * HARBOR FREEWAY * WILSHIRE BOULEVARD * WITMER STREET (BOTH SIDES) * SIXTH STREET * LOMA DRIVE (BOTH SIDES) * THIRD STREET TO UNION PLACE (SOUTH SIDE INCLUDED).

AREA II

PICO BOULEVARD (BOTH SIDES EXCLUDED) * VALENCIA STREET (BOTH SIDES) * 14TH STREET AND EXTENSION (BOTH SIDES) * HARBOR FREEWAY * VENICE BOULEVARD * UNION AVENUE.

For assistance, please call Master Planning & Demographics, Facilities Services Division, at (213) 241-8044.

APPROVED: JAMES SOHN, Chief Facilities Executive, Facilities Services Division

DISTRIBUTION:
School
Transportation Branch
Master Planning and Demographics
Office of Environmental Health and Safety
Department of Transportation, City of L. A.

LOS ANGELES UNIFIED SCHOOL DISTRICT
Facilities **S**ervices **D**ivision

LOC. CODE: 8543 **COST CENTER:** 1854301

SUBJECT: CLARIFICATION OF THE BOUNDARY DESCRIPTION FOR BELMONT HIGH SCHOOL EFFECTIVE JULY 1, 2013 (CLARIFIED 7-1-2014; 7-1-2015; 7-1-2016; 7-1-2018).

This clarification of the existing boundary description does not change the intent of the boundary as it was approved on July 1, 2013 (clarified 7-1-2014, 7-1-2015, 7-1-2016). The description starts at the most northwesterly corner and follows the streets in clockwise order. Boundaries are on the center of the street unless otherwise noted.

This is an official copy for your file.

BELMONT ACADEMIC ZONE

(GRADES 9 - 12)

MELROSE AVENUE * NORMANDIE AVENUE * HOLLYWOOD FREEWAY * VERMONT AVENUE * BEVERLY BOULEVARD * TEMPLE STREET * SILVER LAKE BOULEVARD * BELLEVUE AVENUE * MICHELTORENA STREET * MARATHON STREET * RAMPART BOULEVARD * SUNSET BOULEVARD * ALVARADO STREET * EFFIE STREET AND EXTENSION INCLUDING 1872 EFFIE STREET, 1698 AND 1699 LEMOYNE STREET, AND 1698 AND 1699 LUCRETIA AVENUE * LUCRETIA AVENUE * ECHO PARK AVENUE (BOTH SIDES EXCLUDED) * MORTON AVENUE (BOTH SIDES EXCLUDED) * MORTON PLACE, INCLUDING MORTON WALK (BOTH SIDES EXCLUDED) * SARGENT PLACE AND EXTENSION (BOTH SIDES, INCLUDING 1698 AND 1699 SARGENT PLACE, EXCLUDED) * ACADEMY ROAD AND EXTENSION EASTERLY AND SOUTHERLY TO THE INTERSECTION OF STADIUM WAY AND PASADENA FREEWAY * STADIUM WAY AND EXTENSION * NORTH SPRING STREET * ALAMEDA STREET * SIXTH STREET * MAIN STREET * PICO BOULEVARD * HARBOR FREEWAY * VENICE BOULEVARD * UNION AVENUE * PICO BOULEVARD * BONNIE BRAE STREET (BOTH SIDES EXCLUDED) * TWELFTH STREET * ALVARADO STREET * PICO BOULEVARD * VERMONT AVENUE * OLYMPIC BOULEVARD * WESTMORELAND AVENUE (BOTH SIDES EXCLUDED) * SAN MARINO STREET (BOTH SIDES EXCLUDED) TO ELDEN AVENUE * SAN MARINO STREET * HOOVER STREET * SEVENTH STREET (BOTH SIDES EXCLUDED) * WILSHIRE PLACE (BOTH SIDES EXCLUDED) * WILSHIRE BOULEVARD * WESTMORELAND AVENUE (BOTH SIDES EXCLUDED) * FOURTH STREET (BOTH SIDES) TO CATALINA STREET * FOURTH STREET * ALEXANDRIA AVENUE (BOTH SIDES) * THIRD STREET * KINGSLEY DRIVE * BEVERLY BOULEVARD * KINGSLEY DRIVE.

OPTIONAL: BELMONT ACADEMIC ZONE AND NORTHEAST ACADEMIC ZONE

NORTH SPRING STREET * BAKER STREET AND EXTENSION * LOS ANGELES RIVER * CESAR E. CHAVEZ AVENUE * ALAMEDA STREET.

(OVER)

OPTIONAL: BELMONT ACADEMIC ZONE AND SOTOMAYOR ARTS & SCIENCES ACADEMIES

WHITMORE AVENUE AND EXTENSION * LANDA STREET (BOTH SIDES, INCLUDING ALL OF TWIN OAK STREET) * LANDA STREET EXTENDED FROM THE INTERSECTION OF LANDA STREET AND STADIUM WAY * GOLDEN STATE FREEWAY * WEST BOUNDARY OF ELYSIAN PARK * ACADEMY ROAD * SARGENT PLACE AND EXTENSION (BOTH SIDES) EXCLUDING 1698 AND 1699 SARGENT PLACE * MORTON PLACE, INCLUDING MORTON WALK (BOTH SIDES) * MORTON AVENUE (BOTH SIDES) * ECHO PARK AVENUE (BOTH SIDES) * LUCRETIA AVENUE AND EXTENSION WESTERLY EXCLUDING 1698 AND 1699 LUCRETIA AVENUE, 1698 AND 1699 LEMOYNE STREET AND 1872 EFFIE STREET * EFFIE STREET AND EXTENSIONS * ALVARADO STREET AND EXTENSION.

Belmont Academic Zone: seven schools or educational programs that students will be able to make application to when resident to Belmont High School. For the current school year students have seven enrollment choices: Belmont High School, Academic Leadership Community at Miguel Contreras Learning Complex, Los Angeles School of Global Studies at Miguel Contreras Learning Complex, School of Business and Tourism at Miguel Contreras Learning Complex, School of Social Justice at Miguel Contreras Learning Complex, Ramon C. Cortines School of Visual and Performing Arts, and Edward Roybal Learning Center. All of these choices will serve grades 9-12.

For assistance, please call Master Planning & Demographics, Facilities Services Division, at (213) 241-8044.

APPROVED: MARK HOVATTER, Chief Facilities Executive, Facilities Services Division

DISTRIBUTION: School
Transportation Branch
Master Planning and Demographics
Office of Environmental Health and Safety
Department of Transportation, City of L. A.

Main Street Tower Project
Request for Information
Los Angeles Public Library Response
June 21, 2019

1. Which libraries would serve the proposed project? Please provide:

    a. Name and address

    b. Size of facility (square feet)

    c. Staffing levels

    d. Collection size/ Circulation

    e. Service population for associated library

    f. Special facilities available for public use

Answer:

The following Los Angeles Public Library locations would serve the project area:

- Central Library, page 3
- Chinatown Branch Library, page 4
- Echo Park Branch Library, page 5
- Little Tokyo Branch Library, page 6
- Pico Union Branch Library, page 7

Please see the respective pages for each location for answers to questions above

2. Are there plans to build any new libraries that would serve the project area?

Answer:

There are no current plans to build new libraries that would serve this project area.

Additional Information:

On February 8, 2007, The Board of Library Commissioners approved a new Branch Facilities Plan. This Plan includes criteria for new Libraries, which recommends new size standards for the provision of LAPL facilities – 12,500 s.f. for community with less than 45,000 population and 14,500 s.f. for community with more than 45,000 population and up to 20,000 s.f. for a Regional branch. It also recommends that when a community reaches a population of 90,000, an additional branch library should be considered for the area.

Any increase in the residential and/or commuter-adjusted population that is in close proximity to a library has a direct impact on library services with increased demands for library staffing, materials, computers, and information services. Therefore, mitigation measures may be necessary in order to lessen the impact to these services to a level that is appropriate for a given service population in accordance to the February 8, 2007 Board of Library Commissioners approved Branch Facilities Plan.

The Los Angeles Public Library recommends a mitigation fee of $200 per capita based upon the projected population of the development. The funds will be used for staff, books, computers and other library materials. It is recommended that mitigation fees be paid for by the developer.

Location Name

Central Library

Address
630 W. 5th Street
Los Angeles, CA 90071

Hours

Mon: 10-8, Tue: 10-8, Wed: 10-8, Thu: 10-8, Fri: 9:30-5:30
Sat: 9:30-5:30, Sun: 1-5

Size of Facility (sq. ft.)

538,000 square feet

Collection Size

2.6 million volumes

Annual Circulation

1.2 million

Staffing Level

390

Volunteers

250

Service Population

3,792,662 per Census 2010 est. City of Los Angeles
9,818,605 per Census 2010 est. County of Los Angeles

The Los Angeles Public Library does not make future population projections.

Special Features

All libraries provide free access to computer workstations which are connected to the Library's information network. In addition to providing Internet access, these workstations enable the public to search LAPL's many electronic resources including the online catalog, subscription databases, word processing, language learning, literacy and a large historic document and photograph collection.

All libraries have:
Free Public Wi-Fi
Wireless & Mobile Printing
Reserve a Computer

This also has:
Adult Literacy Center
Computer Training Center
Meeting Room Rental
The Source
Zoom Text Computer for the Visually Impaired

Branch Name

Chinatown Branch Library

Address

639 N. Hill Street
Los Angeles, CA 90012

Hours

Mon: 10-8, Tue: 12-8, Wed: 10-8, Thu: 12-8, Fri: 9:30-5:30 Sat: 9:30-5:30, Sun: Closed

Size of Facility (sq. ft.)

14,500

Collection Size

74,709

Annual Circulation

193,627

Staffing Level

13.5

Volunteers

74

Service Population

Estimated from LA Times Mapping L.A. database and branch library community boundaries
11,225

The Los Angeles Public Library does not make future population projections.

Special Features

All branch libraries provide free access to computer workstations which are connected to the Library's information network. In addition to providing Internet access, these workstations enable the public to search LAPL's many electronic resources including the online catalog, subscription databases, word processing, language learning, literacy and a large historic document and photograph collection.

All branch libraries have:
Free Public Wi-Fi
Wireless & Mobile Printing
Reserve a Computer

This branch also has:
Friends of Library Group
Meeting Room Rental

Branch Name

Echo Park Branch Library

Address

1410 W. Temple StreetLos Angeles, CA 90026

Hours

Mon: 10-8, Tue: 12-8, Wed: 10-8, Thu: 12-8, Fri: 9:30-5:30 Sat: 9:30-5:30, Sun: Closed

Size of Facility (sq. ft.)

17,543

Collection Size

43,689

Annual Circulation

161,885

Staffing Level

9.5

Volunteers

88

Service Population
Estimated from LA Times Mapping L.A. database and branch library community boundaries
52,842

The Los Angeles Public Library does not make future population projections.

Special Features

All branch libraries provide free access to computer workstations which are connected to the Library's information network. In addition to providing Internet access, these workstations enable the public to search LAPL's many electronic resources including the online catalog, subscription databases, word processing, language learning, literacy and a large historic document and photograph collection.

All branch libraries have:
Free Public Wi-Fi
Wireless & Mobile Printing
Reserve a Computer

This branch also has:
Adult Literacy Center
Early Learning for Families Area
Friends of Library Group
Meeting Room Rental
Zoom Text Computer for the Visually Impaired

Branch Name

Little Tokyo Branch Library

Address

203 S. Los Angeles Street
Los Angeles, CA 90012

Hours

Mon: 10-8, Tue: 12-8, Wed: 10-8, Thu: 12-8, Fri: 9:30-5:30 Sat: 9:30-5:30, Sun: Closed

Size of Facility (sq. ft.)

12,500

Collection Size

66,634

Annual Circulation

97,402

Staffing Level

10

Volunteers

44

Service Population

Estimated from LA Times Mapping L.A. database and branch library community boundaries
45,796

The Los Angeles Public Library does not make future population projections.

Special Features

All branch libraries provide free access to computer workstations which are connected to the Library's information network. In addition to providing Internet access, these workstations enable the public to search LAPL's many electronic resources including the online catalog, subscription databases, word processing, language learning, literacy and a large historic document and photograph collection.

All branch libraries have:
Free Public Wi-Fi
Wireless & Mobile Printing
Reserve a Computer

This branch also has:
Early Learning for Families Area
Friends of Library Group
Meeting Room Rental

Branch Name

Pico Union Branch Library

Address

1030 S. Alvarado Street
Los Angeles, CA 90006

Hours

Mon: 10-8, Tue: 12-8, Wed: 10-8, Thu: 12-8, Fri: 9:30-5:30 Sat: 9:30-5:30, Sun: Closed

Size of Facility (sq. ft.)

12,500

Collection Size

46,562

Annual Circulation

167,493

Staffing Level

10.5

Volunteers

51

Service Population

Estimated from LA Times Mapping L.A. database and branch library community boundaries
41,457

The Los Angeles Public Library does not make future population projections.

Special Features

All branch libraries provide free access to computer workstations which are connected to the Library's information network. In addition to providing Internet access, these workstations enable the public to search LAPL's many electronic resources including the online catalog, subscription databases, word processing, language learning, literacy and a large historic document and photograph collection.

All branch libraries have:
Free Public Wi-Fi
Wireless & Mobile Printing
Reserve a Computer

This branch also has:
Adult Literacy Center
LA PLays
Meeting Room Rental

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GARY LEE MOORE, PE, ENV SP
CITY ENGINEER

1149 S BROADWAY, SUITE 700
LOS ANGELES, CA 90015-2213

http://eng.lacity.org

05/23/2019

ALEX IRVINE
633 W 5TH ST
LOS ANGELES, CA, 90017

Dear Alex Irvine,

SEWER AVAILABILITY: 1123-1161 S Main St & 111 W 12th St

The Bureau of Sanitation has reviewed your request of 05/22/2019 for sewer availability at **1123-1161 S MAIN ST & 111 W 12TH ST**. Based on their analysis, it has been determined on 05/23/2019 that there is capacity available to handle the anticipated discharge from your proposed project(s) as indicated in the attached copy of the Sewer Capacity Availability Request (SCAR) .

This determination is valid for 180 days from the date shown on the Sewer Capacity Availability request (SCAR) approved by the Bureau of Sanitation.

While there is hydraulic capacity available in the local sewer system at this time, availability of sewer treatment capacity will be determined at the Bureau of Engineering Public Counter upon presentation of this letter. A Sewer Connection Permit may also be obtained at the same counter provided treatment capacity is available at the time of application.

A Sewerage Facilities Charge is due on all new buildings constructed within the City. The amount of this charge will be determined when application is made for your building permit and the Bureau of Engineering has the opportunity to review the building plans. To facilitate this determination a preliminary set of plans should be submitted to Bureau of Engineering District Office, Public Counter.

Provision for a clean out structure and/or a sewer trap satisfactory to the Department of Building and Safety may be required as part of the sewer connection permit.

Sincerely,

Elaine Lei

Central District, Bureau of Engineering

Scar Request Number: 2934

City of Los Angeles
Bureau of Engineering

SEWER CAPACITY AVAILABILITY REVIEW FEE (SCARF) - Frequently Asked Questions

SCAR stands for Sewer Capacity Availability Review that is performed by the Department of Public Works, Bureau of Sanitation. This review evaluates the existing sewer system to determine if there is adequate capacity to safely convey sewage from proposed development projects, proposed construction projects, proposed groundwater dewatering projects and proposed increases of sewage from existing facilities. The SCAR Fee (SCARF) recovers the cost, incurred by the City, in performing the review for any SCAR request that is expected to generate 10,000 gallons per day (gpd) of sewage.

The SCARF is based on the effort required to perform data collection and engineering analysis in completing a SCAR. A brief summary of that effort includes, but is not limited to, the following:

1. Research and trace sewer flow levels upstream and downstream of the point of connection.
2. Conduct field surveys to observe and record flow levels. Coordinate with maintenance staff to inspect sewer maintenance holes and conduct smoke and dye testing if necessary.
3. Review recent gauging data and in some cases closed circuit TV inspection (CCTV) videos.
4. Perform gauging and CCTV inspection if recent data is not available.
5. Research the project location area for other recently approved SCARs to evaluate the cumulated impact of all known SCARs on the sewer system.
6. Calculate the impact of the proposed additional sewage discharge on the existing sewer system as it will be impacted from the approved SCARs from Item 6 above. This includes tracing the cumulative impacts of all known SCARs, along with the subject SCAR, downstream to insure sufficient capacity exist throughout the system.
7. Correspond with the applicant for additional information and project and clarification as necessary.
8. Work with the applicant to find alternative sewer connection points and solutions if sufficient capacity does not exist at the desired point of connection.

Questions and Answers:

1. **When is the SCARF applied, or charged?**
   It applies to all applicants seeking a Sewer Capacity Availability Review (SCAR). SCARs are generally required for Sewer Facility Certificate applications exceeding 10,000 gpd, or request from a property owner seeking to increase their discharge thru their existing connection by 10,000 gpd or more, or any groundwater related project that discharges 10,000 gpd or more, or any proposed or future development for a project that could result in a discharge of 10,000 gpd.
2. **Why is the SCARF being charged now when it has not been in the past?**
   The City has seen a dramatic increase in the number of SCARs over 10,000 gpd in the last few years and has needed to increase its resources, i.e., staff and gauging efforts, to respond to them. The funds collected thru SCARF will help the City pay for these additional resources and will be paid by developers and property owners that receive the benefit from the SCAR effort.
3. **Where does the SCARF get paid?**
   The Department of Public Works, Bureau of Engineering (BOE) collects the fee at its public counters. Once the fee is paid then BOE prepares a SCAR request and forwards it to the BOS where it is reviewed and then returned to BOE. BOE then informs the applicant of the result. In some cases, BOS works directly with the applicant during the review of the SCAR to seek additional information and work out alternative solutions

City of Los Angeles
Bureau of Engineering

Sewer Capacity Availability Request (SCAR)

To: Bureau of Sanitation
The following request is submitted to you on behalf of the applicant requesting to connect to the public sewer system. Please verify that the capacity exists at the requested location for the proposed developments shown below. The results are good for 180 days from the date the sewer capacity approval from the Bureau of Sanitation.

Job Address:	**1123-1161 S Main St & 111 W 12th St**	Sanitation Scar ID:	**64-4650-0519**
Date Submitted	05/22/2019	Request Will Serve Letter?	No
BOE District:	Central District		
Applicant:	Alex Irvine		
Address:	633 W 5th St	City :	Los Angeles
State:	CA	Zip:	90017
Phone:	213.694.3107	Fax:	
Email:	alex@irvineassoc.com	BPA No.	
S-Map:		Wye Map:	126A209-C

SIMM Map - Maintenance Hole Locations

No.	Street Name	U/S MH	D/S MH	Diam. (in)	Approved Flow %	Notes
1	Main St	51611183	51611182	16	34.00	13,863 GPD
2	Main St	51611151	51611183	16	33.00	13,455 GPD
3	12th St	51610311	51611182	8	33.00	13,455 GPD

Proposed Facility Description

No.	Proposed Use Description	Sewage Generation (GPD)	Unit	Qty	GPD
1	RESIDENTIAL: APT - BACHELOR	75	DU	122	9,150
2	RESIDENTIAL: APT - 1 BDRM. *6	110	DU	133	14,630
3	RESIDENTIAL: APT - 2 BDRMS *6	150	DU	96	14,400
4	RESIDENTIAL: APT - 3 BDRMS *6	190	DU	12	2,280
5	RETAIL AREA (LESS THAN 100,000 SF)	25	KGSF	12,500	313
			Proposed Total Flow (gpd):		**40,773**

Remarks: 1] Approved for the maximum allowable capacity of 40,773 GPD (28.31 gpm). 2] Discharge as indicated on SCAR letter. 3] Developer must install and maintain odor trap out of the public R/W for 16-inch connections along Main St.

Note: Results are good for 180 days from the date of approval by the Bureau of Sanitation

Date Processed:	05/23/2019	Expires On:	11/19/2019

Scar Request Number: 2934

Processed by:	Customer Bureau of Sanitation Phone: 323-342-6207 Sanitation Status: Approved Reviewed by: Ricardo Avendano on 05/23/2019	Submitted by:	Elaine Lei Bureau of Engineering Central District Phone: 213-482-7045

Fees Collected	Yes	SCAR FEE (W:37 / QC:704)	$1,430.00
Date Collected	05/22/2019	SCAR Status:	**Completed**

Scar Request Number: 2934

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: June 24, 2021

To: Vincent P. Bertoni, Director
Department of City Planning
Attention: Deputy Advisory Agency

From: Bertram Moklebust, Principal Engineer
Permit Case Management Division
Bureau of Engineering

Subject: Vesting Tentative Tract Map No. 82463

Transmitted is a print of vesting tentative map of Tract Map No. 82463 stamp-dated February 25, 2020 located at 1123-1161 South Main Street (north of 12th Street) in Council District No. 14.

This map has been filed for a merger of land into 1-lot for the construction of a mixed-use development. The subdivision layout is generally satisfactory as submitted.

There are existing sewers available in the streets adjoining the subdivision. This tract will connect to the public sewer system and will not result in violation of the California Water Code. I therefore recommend that you make the necessary determination.

I recommend that the vesting tentative map of Tract No. 82463 be approved, subject to the standard conditions issued by your department and the following special conditions:

1. That a 2-foot wide strip of land be dedicated along 12th Street adjoining the tract to complete a 32-foot wide half right-of-way in accordance with Modified 1-Way Collector Street Standards and a 15-foot by 15-foot corner cut or 20-foot radius property line return at the intersection with Main Street.

2. Provide a 3-foot wide public sidewalk easement along 12th Street adjoining the subdivision in accordance with Modified 1-Way Collector Street of the Downtown Street Standards.

3. Provide a 2-foot wide public sidewalk easement along Main

Street adjoining the subdivision in accordance with Modified 2-Way Avenue I of the Downtown Street Standards.

4. That a 4-foot wide strip of land be dedicated along the Alley adjoining the subdivision in accordance to Alley Standards.

5. That the subdivider make a request to the Central District Office of the Bureau of Engineering to determine the capacity of existing sewers in this area.

6. That no portion of the building shall encroach above or below public sidewalk easement area and the public right-of-way.

7. That Board of Public Works approval be obtained, prior to the recordation of the final map, for the removal of any tree in the existing or proposed right-of-way area. The Bureau of Street Services, Urban Forestry Division, is the lead agency for obtaining Board of Public Works approval for removal of such trees.

8. That the following improvements be either constructed prior to recordation of the final map or that the construction be suitably guaranteed:

    a) Improve 12th Street being dedicated and adjoining the subdivision by the construction a full-width concrete sidewalk including in the sidewalk easement areas, concrete curb and gutter. Repair and or replace any damaged asphalt pavement including any necessary removal and reconstruction of the existing improvements all satisfactory to the City Engineer.

    b) Improve Main Street being dedicated and adjoining the subdivision by the construction of additional sidewalk in the easement areas. Repair and or replace all damaged, cracked or off-grade sidewalk, concrete curb, gutter, bus pad, roadway pavement and any necessary tree wells and any necessary removal and reconstruction of existing improvements. Any proposed driveway aprons along Main Street require Department of Transportation's approval.

    c) Improve the alley by the construction of a 2-foot concrete longitudinal gutter and suitable surfacing including the reconstruction of the alley intersection with 12th Street and any necessary removal and reconstruction of the existing improvements all

satisfactory to the City Engineer. The existing alley is in poor condition and the entire full alley reconstruction is necessary since vehicular access to this subdivision is proposed from the alley adjoining the tract.

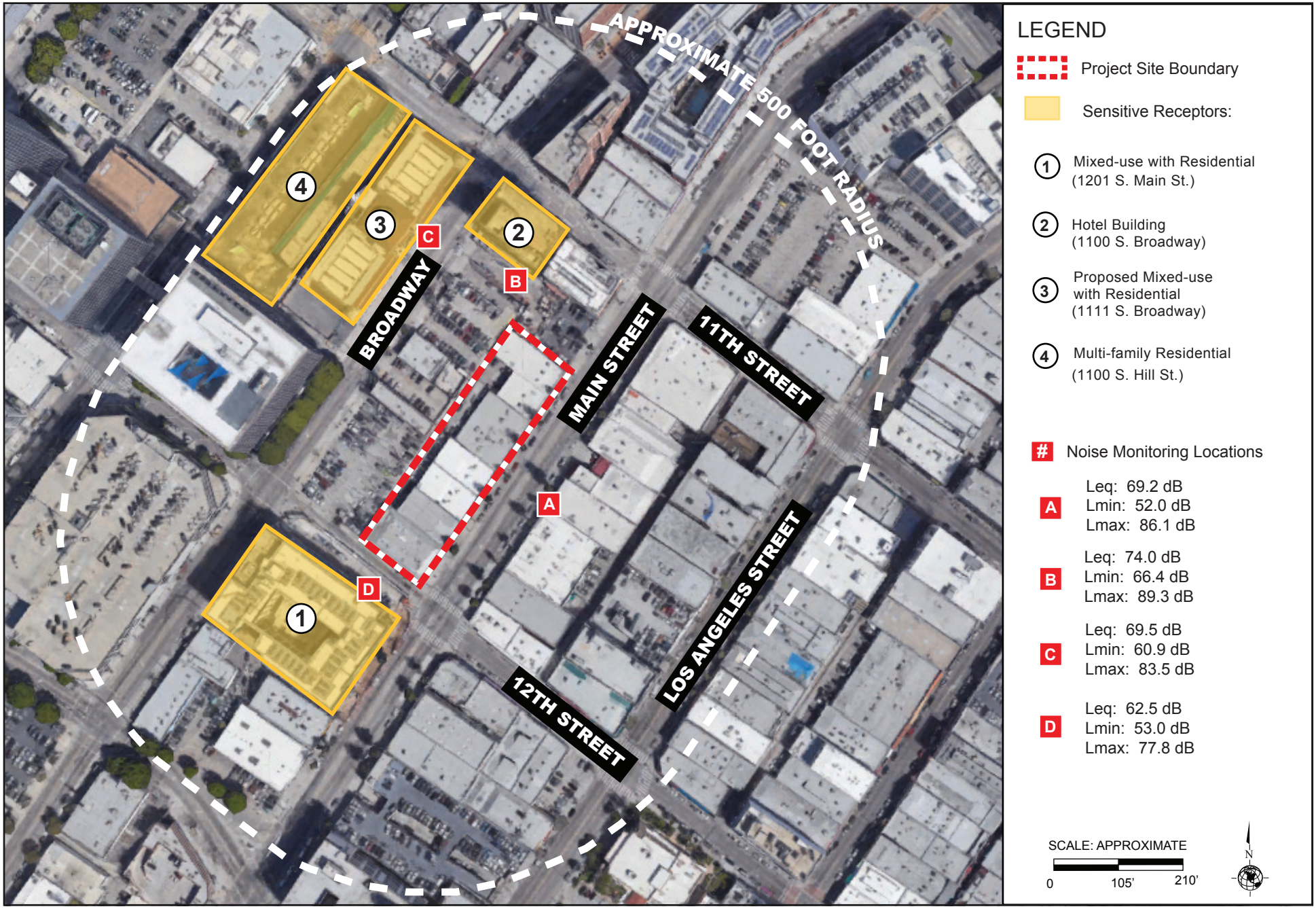
d) Construct any necessary on-site mainline and house connection sewers satisfactory to the City Engineer.

Any questions regarding this report should be directed to Ms. Quyen Phan of the Permit Case Management Division located at 201 N. Figueroa Street, Suite 290 or by calling (213) 808-8604.

APPENDIX I:

NOISE MONITORING DATA AND CALCULATIONS WORKSHEETS

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Source: Google Earth, Aerial View, 2019.

PARKER ENVIRONMENTAL CONSULTANTS

Noise Monitoring and Sensitive Receptor Location Map

PARKER ENVIRONMENTAL CONSULTANTS

April 1, 2019

Summary

File Name on Meter	831_Data.190
Serial Number	0003748
Model	Model 831
Firmware Version	2.311
User	Todd Davis
Job Description	Main Street Tower

Location A: East side of Main Street between 11th and 12th Street

Noise Sources: Moderate vehicle and pedestrian traffic, bus routes and overhead planes



Measurement

Description	
Start	2019-04-01 11:50:40
Stop	2019-04-01 12:05:40
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2019-04-01 11:28:08
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamp	PRM831
Microphone Correction	Off
Integration Method	Linear
Gain	0.0 dB
Overload	143.1 dB

	A	C	Z
Under Range Peak	75.5	72.5	**77.5** dB
Under Range Limit	**26.1**	26.4	31.8 dB
Noise Floor	17.0	17.3	22.4 dB

Results

L_{Aeq}	69.2 dB			
LAE	98.7 dB			
EA	830.278 µPa²h			
$LZ_{peak\ (max)}$	2019-04-01 12:04:24	108.1 dB		
LAS_{max}	2019-04-01 11:56:36	86.1 dB		
LAS_{min}	2019-04-01 11:54:04	52.0 dB		
SEA	-99.9 dB			
LAS > 65.0 dB (Exceedance Counts / Duration)	28	475.7 s		
LAS > 85.0 dB (Exceedance Counts / Duration)	1	2.7 s		
LZ_{peak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZ_{peak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZ_{peak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s		

Community Noise	**Ldn**	**LDay 07:00-22:00**	**Lden**	**LDay 07:00-19:00**
	69.2	69.2	69.2	69.2

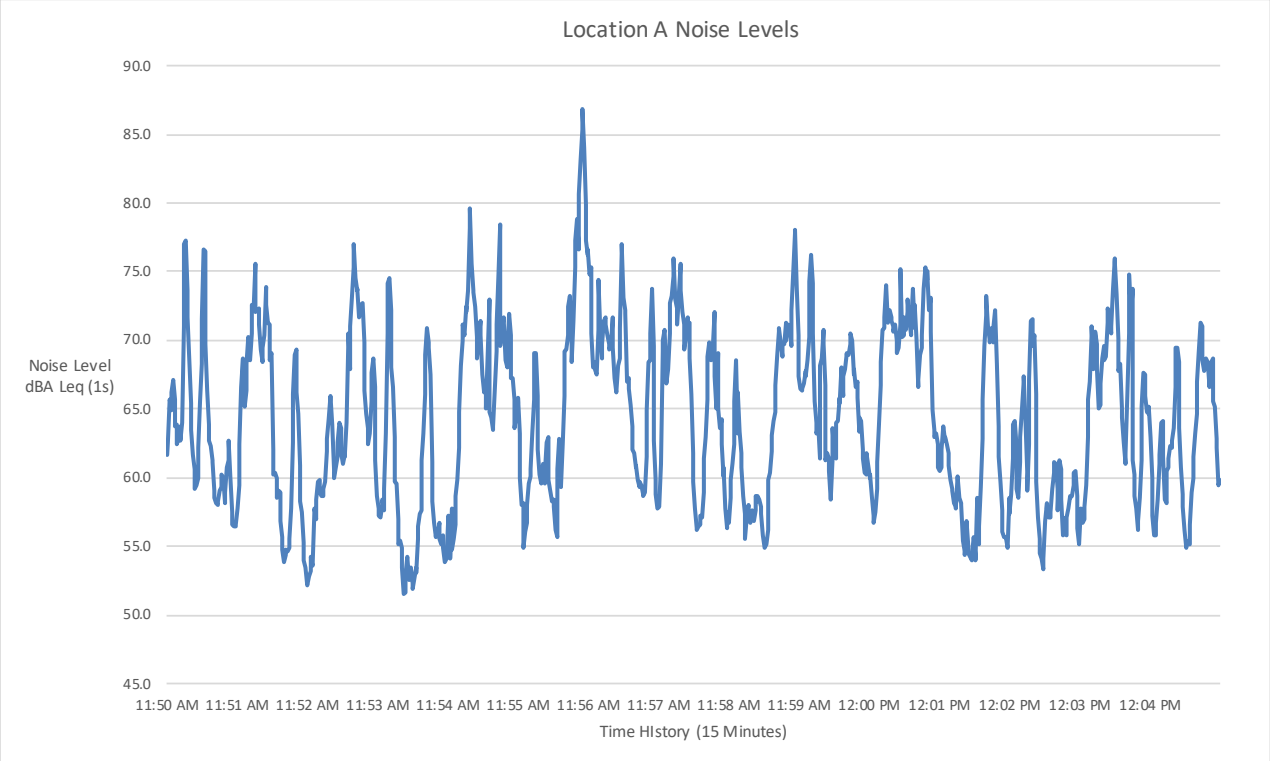
L_{Ceq}	78.8 dB
L_{Aeq}	69.2 dB
L_{Ceq} - L_{Aeq}	9.6 dB
LA_{leq}	70.8 dB
L_{Aeq}	69.2 dB
LA_{leq} - L_{Aeq}	1.7 dB

April 1, 2019

	A	
	dB	Time Stamp
L_{eq}	69.2	
$L_{S(max)}$	86.1	2019/04/01 11:56:36
$L_{F(max)}$	87.8	2019/04/01 11:56:35
$L_{I(max)}$	88.9	2019/04/01 11:56:35
$L_{S(min)}$	52.0	2019/04/01 11:54:04
$L_{F(min)}$	51.0	2019/04/01 11:54:03
$L_{I(min)}$	51.5	2019/04/01 11:54:03
$L_{Peak(max)}$	98.8	2019/04/01 11:56:35

# Overloads	0	
Overload Duration	0.0	s

Statistics		
LAS5.00	74.3	dB
LAS10.00	72.4	dB
LAS33.30	68.4	dB
LAS50.00	64.5	dB
LAS66.60	60.8	dB
LAS90.00	56.6	dB



Main Street Tower
Noise Monitoring Location A

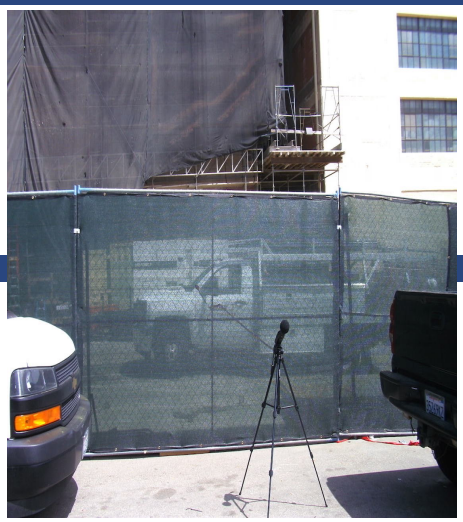
April 1, 2019

Summary

File Name on Meter	831_Data.192
Serial Number	0003748
Model	Model 831
Firmware Version	2.311
User	Todd Davis
Job Description	Main Street Tower

Location B: North side of parking lot, South of Sensitive Receptor 3

Noise Source: Periodic vehicle and pedestrian traffic, active construction site to the North



Measurement

Description	
Start	2019-04-01 12:31:11
Stop	2019-04-01 12:46:11
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2019-04-01 11:28:08
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamp	PRM831
Microphone Correction	Off
Integration Method	Linear
Gain	0.0 dB
Overload	143.1 dB

	A	C	Z
Under Range Peak	75.5	72.5	**77.5** dB
Under Range Limit	**26.1**	26.4	31.8 dB
Noise Floor	17.0	17.3	22.4 dB

Results

L_{Aeq}	74.0 dB		
LAE	103.6 dB		
EA	2.536 mPa^2h		
$LZ_{peak\ (max)}$	2019-04-01 12:40:43	110.5 dB	
LAS_{max}	2019-04-01 12:32:22	89.3 dB	
LAS_{min}	2019-04-01 12:45:57	66.4 dB	
SEA	-99.9 dB		
LAS > 65.0 dB (Exceedance Counts / Duration)	1	899.9 s	
LAS > 85.0 dB (Exceedance Counts / Duration)	12	18.1 s	
LZ_{peak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZ_{peak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZ_{peak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s	

Community Noise	**Ldn**	**LDay 07:00-22:00**	**Lden**	**LDay 07:00-19:00**
	74.0	74.0	74.0	74.0

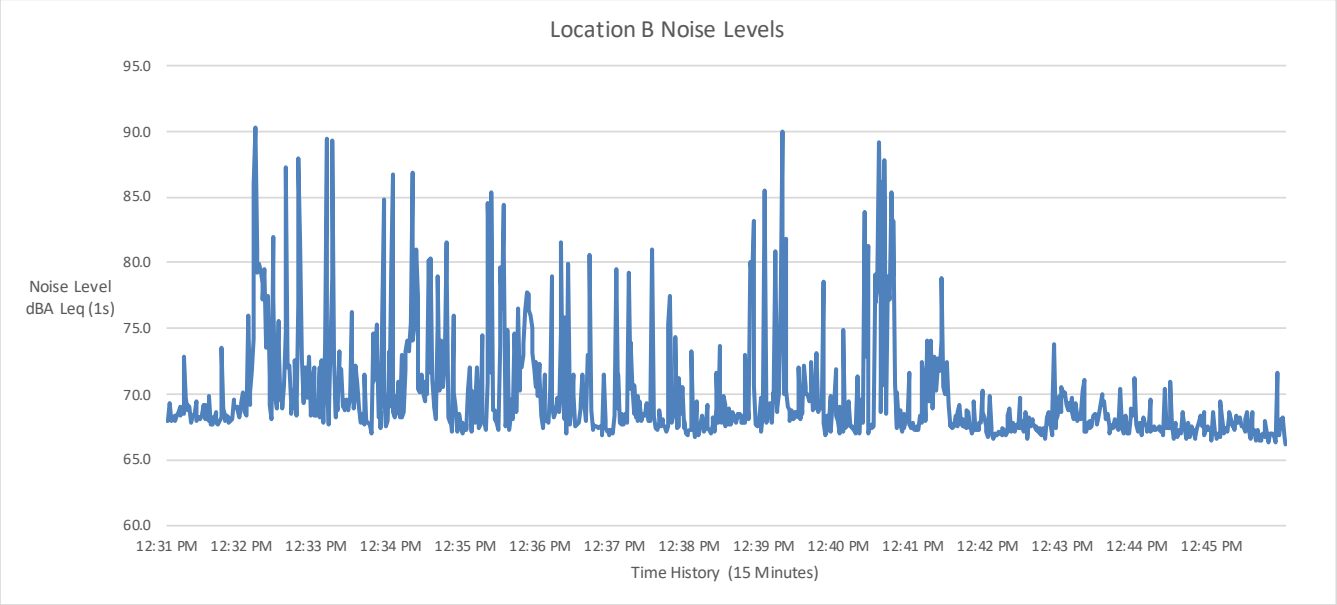
L_{Ceq}	80.8 dB
L_{Aeq}	74.0 dB
L_{Ceq} - L_{Aeq}	6.7 dB
L_{AIeq}	81.5 dB
L_{Aeq}	74.0 dB
L_{AIeq} - L_{Aeq}	7.5 dB

April 1, 2019

	A	
	dB	Time Stamp
L_{eq}	74.0	
$L_{S(max)}$	89.3	2019/04/01 12:32:22
$L_{F(max)}$	95.1	2019/04/01 12:40:43
$L_{I(max)}$	98.4	2019/04/01 12:40:43
$L_{S(min)}$	66.4	2019/04/01 12:45:57
$L_{F(min)}$	65.7	2019/04/01 12:46:11
$L_{I(min)}$	66.2	2019/04/01 12:45:57
$L_{Peak(max)}$	110.8	2019/04/01 12:39:25

# Overloads	0	
Overload Duration	0.0	s

Statistics		
LAS5.00	80.1	dB
LAS10.00	76.9	dB
LAS33.30	70.4	dB
LAS50.00	68.9	dB
LAS66.60	68.2	dB
LAS90.00	67.4	dB



Main Street Tower
Noise Monitoring Location B

PARKER ENVIRONMENTAL CONSULTANTS

April 1, 2019

Summary

File Name on Meter	831_Data.191
Serial Number	0003748
Model	Model 831
Firmware Version	2.311
User	Todd Davis
Job Description	Main Street Tower

Location C: West side of Broadway between 11th and 12th Street
Noise Sources: Moderate vehicle traffic, light pedestrian traffic, bus routes, active construction site to the North



Measurement

Description	
Start	2019-04-01 12:11:48
Stop	2019-04-01 12:26:48
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2019-04-01 11:28:08
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamp	PRM831
Microphone Correction	Off
Integration Method	Linear
Gain	0.0 dB
Overload	143.1 dB

	A	C	Z
Under Range Peak	75.5	72.5	**77.5** dB
Under Range Limit	**26.1**	26.4	31.8 dB
Noise Floor	17.0	17.3	22.4 dB

Results

LAeq	69.5 dB		
LAE	99.1 dB		
EA	898.992 µPa²h		
LZpeak (max)	2019-04-01 12:15:11	104.7 dB	
LASmax	2019-04-01 12:15:12	83.5 dB	
LASmin	2019-04-01 12:16:34	60.9 dB	
SEA	-99.9 dB		
LAS > 65.0 dB (Exceedance Counts / Duration)	12	758.5 s	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s	

Community Noise	**Ldn**	**LDay 07:00-22:00**	**Lden**	**LDay 07:00-19:00**
	69.5	69.5	69.5	69.5

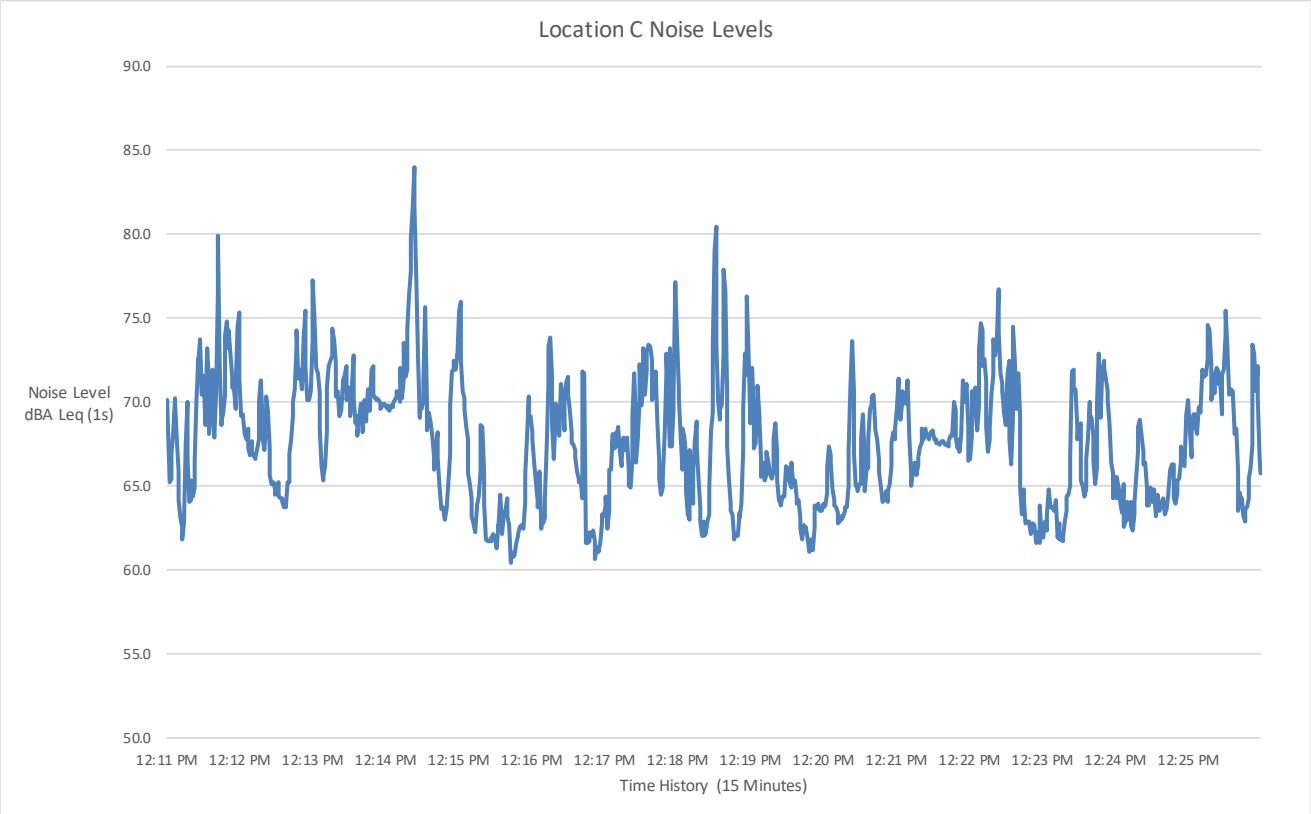
LCeq	79.0 dB
LAeq	69.5 dB
LCeq - LAeq	9.5 dB
LAleq	71.0 dB
LAeq	69.5 dB
LAleq - LAeq	1.5 dB

April 1, 2019

	A	
	dB	Time Stamp
L_{eq}	69.5	
$L_{S(max)}$	83.5	2019/04/01 12:15:12
$L_{F(max)}$	85.0	2019/04/01 12:15:12
$L_{I(max)}$	85.7	2019/04/01 12:15:12
$L_{S(min)}$	60.9	2019/04/01 12:16:34
$L_{F(min)}$	60.0	2019/04/01 12:16:30
$L_{I(min)}$	60.7	2019/04/01 12:17:41
$L_{Peak(max)}$	96.7	2019/04/01 12:15:11

# Overloads	0	
Overload Duration	0.0	s

Statistics		
LAS5.00	73.6	dB
LAS10.00	72.2	dB
LAS33.30	69.7	dB
LAS50.00	67.8	dB
LAS66.60	65.8	dB
LAS90.00	63.0	dB



Main Street Tower
Noise Monitoring Location C

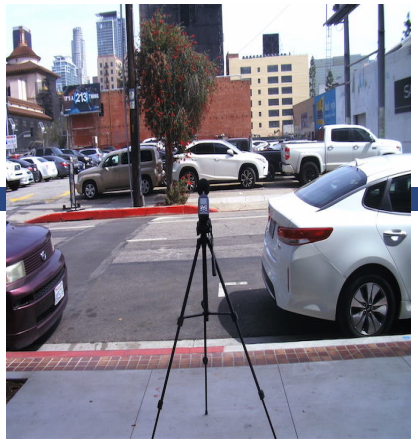
PARKER ENVIRONMENTAL CONSULTANTS

Summary

File Name on Meter	831_Data.189
Serial Number	0003748
Model	Model 831
Firmware Version	2.311
User	Todd Davis
Job Description	Main Street Tower

Location D: South Side of 12th Street Between Broadway and Main Street

Noise Source: Light vehicle and pedestrian traffic



Measurement

Description	
Start	2019-04-01 11:32:26
Stop	2019-04-01 11:47:26
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2019-04-01 11:28:14
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamp	PRM831
Microphone Correction	Off
Integration Method	Linear
Gain	0.0 dB
Overload	143.1 dB

	A	C	Z
Under Range Peak	75.5	72.5	**77.5** dB
Under Range Limit	**26.1**	26.4	31.8 dB
Noise Floor	17.0	17.3	22.4 dB

Results

L_{Aeq}	62.5 dB		
LAE	92.0 dB		
EA	176.886 µPa²h		
$LZ_{peak\ (max)}$	2019-04-01 11:42:00	101.1 dB	
LAS_{max}	2019-04-01 11:41:27	77.8 dB	
LAS_{min}	2019-04-01 11:37:36	53.0 dB	
SEA	-99.9 dB		
LAS > 65.0 dB (Exceedance Counts / Duration)	31	154.9 s	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZ_{peak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZ_{peak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s	
LZ_{peak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s	

Community Noise	**Ldn**	**LDay 07:00-22:00**	**Lden**	**LDay 07:00-19:00**
	62.5	62.5	62.5	62.5

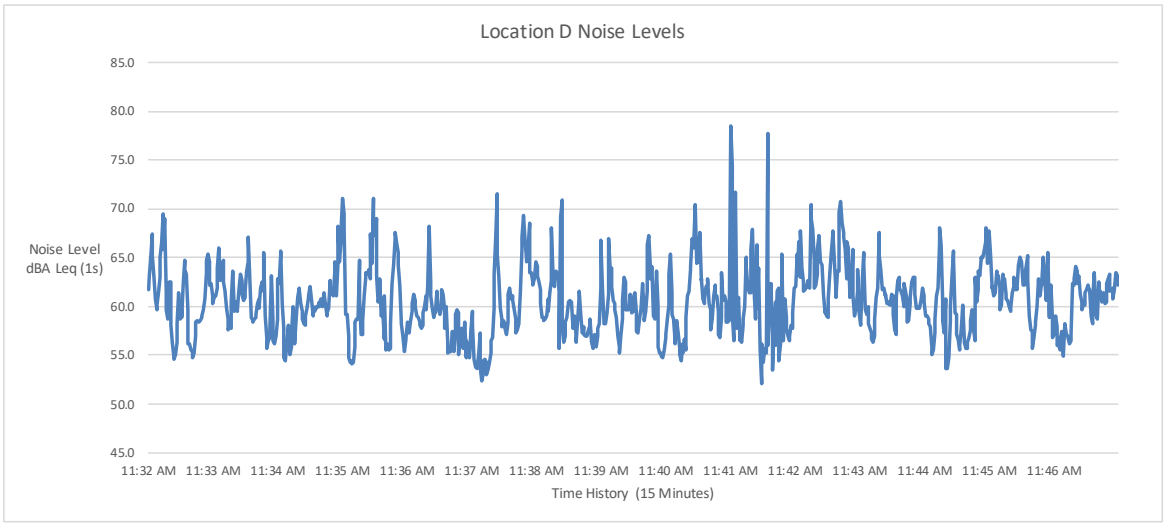
L_{Ceq}	73.8 dB
L_{Aeq}	62.5 dB
L_{Ceq} - L_{Aeq}	11.3 dB
LAI_{eq}	67.3 dB
L_{Aeq}	62.5 dB
LAI_{eq} - L_{Aeq}	4.8 dB

April 1, 2019

	A	
	dB	Time Stamp
L_{eq}	62.5	
$L_{S(max)}$	77.8	2019/04/01 11:41:27
$L_{F(max)}$	85.3	2019/04/01 11:42:00
$L_{I(max)}$	89.5	2019/04/01 11:42:00
$L_{S(min)}$	53.0	2019/04/01 11:37:36
$L_{F(min)}$	51.2	2019/04/01 11:41:54
$L_{I(min)}$	52.8	2019/04/01 11:37:41
$L_{Peak(max)}$	99.9	2019/04/01 11:42:00

# Overloads	0	
Overload Duration	0.0	s

Statistics		
LAS5.00	66.9	dB
LAS10.00	65.3	dB
LAS33.30	62.0	dB
LAS50.00	60.7	dB
LAS66.60	59.3	dB
LAS90.00	56.6	dB



Main Street Tower
Noise Monitoring Location D

Construction Noise Calculation Worksheets

Report date: 6/7/19
Project: Main Street Tower
Phase: Demolition

Receptor #1

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1201 S. Main Street	Residential	62.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Concrete Saw	No	20	90	90	60	0	88.4	81.4
Grader	No	40	85		60	0	83.4	79.4
Dozer	No	40	85	82	60	0	80.4	76.4
Backhoe	No	40	80	78	60	0	76.4	72.4
							Results	**84.6**
							Ambient	**62.5**
							Construction +Ambient	**84.6**

Receptor #2

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Broadway	Residential	74.0	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Concrete Saw	No	20	90	90	100	0	84.0	77.0
Grader	No	40	85		100	0	79.0	75.0
Dozer	No	40	85	82	100	0	76.0	72.0
Backhoe	No	40	80	78	100	0	72.0	68.0
							Results	**80.2**
							Ambient	**74.0**
							Construction +Ambient	**81.1**

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Receptor #3

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1111 S. Broadway	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Concrete Saw	No	20	90	90	210	0	77.5	70.5
Grader	No	40	85		210	0	72.5	68.6
Dozer	No	40	85	82	210	0	69.5	65.6
Backhoe	No	40	80	78	210	0	65.5	61.6
							Results	**73.7**
							Ambient	**69.5**
							Construction +Ambient	**75.1**

Receptor #4

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Hill Street	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Concrete Saw	No	20	90	90	340	5	68.3	61.4
Grader	No	40	85		340	5	63.3	59.4
Dozer	No	40	85	82	340	5	60.3	56.4
Backhoe	No	40	80	78	340	5	56.3	52.4
							Results	**64.5**
							Ambient	**69.5**
							Construction +Ambient	**70.7**

*Calculated Lmax is the Loudest value.

Source: Roadway Construction Noise Model (RCNM),Version 1.1

Demolition Phase Impact Summary

Receptor #	Address	Land Use	Ambient Noise (dBA Leq)	Receptor Distance (feet)	Noise Impact (dBA Leq)	Construction Significance Criteria (dBA Leq)**	Noise Impact Above Threshold
1	1201 S. Main Street	Residential	62.5	60	84.6	67.5	17.1
2	1100 S. Broadway	Residential	74.00	100	81.1	79.0	2.1
3	1111 S. Broadway	Residential	69.5	210	75.1	74.5	0.6
4	1100 S. Hill Street	Residential	69.5	340	70.7	74.5	0.0

** Significance criteria is based on the ambient Noise levels plus 5 dBA, pursuant to the L.A. CEQA Thresholds Guide (2006) for construction activities occuroing for more than 10 days over a 3-month period.

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Report date: 6/7/19
Project: Main Street Tower
Phase: Grading

Receptor #1

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1201 S. Main Street	Residential	62.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Bore/Drill	No	20	84	79	60	0	77.4	70.4
Excavator	No	40	85	81	60	0	79.4	75.4
Grader	No	40	85		60	0	83.4	79.4
Dozer	No	40	85	82	60	0	80.4	76.4
							Results	**82.5**
							Ambient	**62.5**
							Construction +Ambient	**82.5**

Receptor #2

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Broadway	Residential	74.0	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Bore/Drill	No	20	84	79	100	0	73.0	66.0
Excavator	No	40	85	81	100	0	75.0	71.0
Grader	No	40	85		100	0	79.0	75.0
Dozer	No	40	85	82	100	0	76.0	72.0
							Results	**78.1**
							Ambient	**74.0**
							Construction +Ambient	**79.5**

PARKER
ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Receptor #3

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1111 S. Broadway	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Bore/Drill	No	20	84	79	210	0	66.5	59.5
Excavator	No	40	85	81	210	0	68.5	64.6
Grader	No	40	85		210	0	72.5	68.6
Dozer	No	40	85	82	210	0	69.5	65.6
							Results	**71.6**
							Ambient	**69.5**
							Construction +Ambient	**73.7**

Receptor #4

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Hill Street	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Bore/Drill	No	20	84	79	340	5	57.3	50.4
Excavator	No	40	85	81	340	5	59.3	55.4
Grader	No	40	85		340	5	63.3	59.4
Dozer	No	40	85	82	340	5	60.3	56.4
							Results	**62.4**
							Ambient	**69.5**
							Construction +Ambient	**70.3**

*Calculated Lmax is the Loudest value.

Source: Roadway Construction Noise Model (RCNM),Version 1.1

Grading Phase Impact Summary

Receptor #	Address	Land Use	Ambient Noise (dBA Leq)	Receptor Distance (feet)	Noise Impact (dBA Leq)	Construction Significance Criteria (dBA Leq)**	Noise Impact Above Threshold
1	1201 S. Main Street	Residential	62.5	60	82.5	67.5	15.0
2	1100 S. Broadway	Residential	74.0	100	79.5	79.0	0.5
3	1111 S. Broadway	Residential	69.5	210	73.7	74.5	0.0
4	1100 S. Hill Street	Residential	69.5	340	70.3	74.5	0.0

** Significance criteria is based on the ambient Noise levels plus 5 dBA, pursuant to the L.A. CEQA Thresholds Guide (2006) for construction activities occuroing for more than 10 days over a 3-month period.

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Report date: 6/7/19
Project: Main Street Tower
Phase: Architectural Coating

Receptor #1

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1201 S. Main Street	Residential	62.5	40	40

Equipment Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	60	0	76.4	72.4
Air Compressor	No	20	80	78	60	0	76.4	69.4
Air Compressor	No	40	80	78	60	0	76.4	72.4
Air Compressor	No	40	80	78	60	0	76.4	72.4
Air Compressor	No	40	80	78	60	0	76.4	72.4
Aerial Lift	No	20	85	75	60	0	73.4	66.4
Forklift	No	20	85	75	60	0	73.4	66.4
							Results	**79.4**
							Ambient	**62.5**
							Construction +Ambient	**79.5**

Receptor #2

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Broadway	Residential	74.0	40	40

Equipment Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	100	0	72.0	68.0
Air Compressor	No	20	80	78	100	0	72.0	65.0
Air Compressor	No	40	80	78	100	0	72.0	68.0
Air Compressor	No	40	80	78	100	0	72.0	68.0
Air Compressor	No	40	80	78	100	0	72.0	68.0
Aerial Lift	No	20	85	75	100	0	69.0	62.0
Forklift	No	20	85	75	100	0	69.0	62.0
							Results	**75.0**
							Ambient	**74.0**
							Construction +Ambient	**77.5**

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Receptor #3

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1111 S. Broadway	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	210	0	65.5	61.6
Air Compressor	No	20	80	78	210	0	65.5	58.5
Air Compressor	No	40	80	78	210	0	65.5	61.6
Air Compressor	No	40	80	78	210	0	65.5	61.6
Air Compressor	No	40	80	78	210	0	65.5	61.6
Aerial Lift	No	20	85	75	210	0	62.5	55.5
Forklift	No	20	85	75	210	0	62.5	55.5
							Results	**68.5**
							Ambient	**0.0**
							Construction +Ambient	**68.5**

Receptor #4

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Hill Street	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	340	5	56.3	52.4
Air Compressor	No	20	80	78	340	5	56.3	49.4
Air Compressor	No	40	80	78	340	5	56.3	52.4
Air Compressor	No	40	80	78	340	5	56.3	52.4
Air Compressor	No	40	80	78	340	5	56.3	52.4
Aerial Lift	No	20	85	75	340	5	53.3	46.4
Forklift	No	20	85	75	340	5	53.3	46.4
							Results	**59.4**
							Ambient	**0.0**
							Construction +Ambient	**59.4**

*Calculated Lmax is the Loudest value.

Source: Roadway Construction Noise Model (RCNM),Version 1.1

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Architectural Coating Phase Impact Summary

Receptor #	Address	Land Use	Ambient Noise (dBA Leq)	Receptor Distance (feet)	Noise Impact (dBA Leq)	Construction Significance Criteria (dBA Leq)**	Noise Impact Above Threshold
1	1201 S. Main Street	Residential	62.5	60	79.5	67.5	12.0
3	1100 S. Broadway	Residential	74.0	100	77.5	79.0	0.0
4	1111 S. Broadway	Residential	69.5	210	68.5	74.5	0.0
5	1100 S. Hill Street	Residential	69.5	340	59.4	74.5	0.0

** Significance criteria is based on the ambient Noise levels plus 5 dBA, pursuant to the L.A. CEQA Thresholds Guide (2006) for construction activities occuroing for more than 10 days over a 3-month period.

Construction Noise Calculation Worksheets

Report date: 6/7/19
Project: Main Street Tower
Phase: Paving

Receptor #1

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1201 S. Main Street	Residential	62.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Cement and Mortar Mixer	No	40	85	79	60	0	77.4	73.4
Pavers	No	50	85	77	60	0	75.4	72.4
Paving Equipment	No	20	85	90	60	0	88.4	81.4
Rollers	No	20	85	80	60	0	78.4	71.4
							Results	**82.8**
							Ambient	**62.5**
							Construction +Ambient	**82.9**

Receptor #2

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Broadway	Residential	74.0	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Cement and Mortar Mixer	No	40	85	79	100	0	73.0	69.0
Pavers	No	50	85	77	100	0	71.0	68.0
Paving Equipment	No	20	85	90	100	0	84.0	77.0
Rollers	No	20	85	80	100	0	74.0	67.0
							Results	**78.4**
							Ambient	**74.0**
							Construction +Ambient	**79.7**

Receptor #3

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1111 S. Broadway	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Cement and Mortar Mixer	No	40	85	79	210	0	66.5	62.6
Pavers	No	50	85	77	210	0	64.5	61.5
Paving Equipment	No	20	85	90	210	0	77.5	70.5
Rollers	No	20	85	80	210	0	67.5	60.5
							Results	**72.0**
							Ambient	**69.5**
							Construction +Ambient	**73.9**

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Receptor #4

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Hill Street	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Leq
Cement and Mortar Mixer	No	40	85	79	340	5	57.3	53.4
Pavers	No	50	85	77	340	5	55.3	52.3
Paving Equipment	No	20	85	90	340	5	68.3	61.4
Rollers	No	20	85	80	340	5	58.3	51.4
							Results	**62.8**
							Ambient	**69.5**
							Construction +Ambient	**70.3**

*Calculated Lmax is the Loudest value.

Source: Roadway Construction Noise Model (RCNM),Version 1.1

Paving Phase Impact Summary

Receptor #	Address	Land Use	Ambient Noise (dBA Leq)	Receptor Distance (feet)	Noise Impact (dBA Leq)	Construction Significance Criteria (dBA Leq)**	Noise Impact Above Threshold
1	1201 S. Main Street	Residential	62.5	80	82.9	67.5	15.4
3	1100 S. Broadway	Residential	74.0	100	79.7	79.0	0.7
4	1111 S. Broadway	Residential	69.5	210	73.9	74.5	0.0
5	1100 S. Hill Street	Residential	69.5	340	70.3	74.5	0.0

** Significance criteria is based on the ambient Noise levels plus 5 dBA, pursuant to the L.A. CEQA Thresholds Guide (2006) for construction activities occuroing for more than 10 days over a 3-month period.

Construction Noise Calculation Worksheets

Report date: 6/7/19
Project: Main Street Tower
Phase: Architectural Coating

Receptor #1

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1201 S. Main Street	Residential	62.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	60	0	76.4	72.4
Air Compressor	No	20	80	78	60	0	76.4	69.4
Air Compressor	No	40	80	78	60	0	76.4	72.4
Air Compressor	No	40	80	78	60	0	76.4	72.4
Air Compressor	No	40	80	78	60	0	76.4	72.4
Aerial Lift	No	20	85	75	60	0	73.4	66.4
Forklift	No	20	85	75	60	0	73.4	66.4
							Results	**79.4**
							Ambient	**62.5**
							Construction +Ambient	**79.5**

Receptor #2

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Broadway	Residential	74.0	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	100	0	72.0	68.0
Air Compressor	No	20	80	78	100	0	72.0	65.0
Air Compressor	No	40	80	78	100	0	72.0	68.0
Air Compressor	No	40	80	78	100	0	72.0	68.0
Air Compressor	No	40	80	78	100	0	72.0	68.0
Aerial Lift	No	20	85	75	100	0	69.0	62.0
Forklift	No	20	85	75	100	0	69.0	62.0
							Results	**75.0**
							Ambient	**74.0**
							Construction +Ambient	**77.5**

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Receptor #3

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1111 S. Broadway	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	210	0	65.5	61.6
Air Compressor	No	20	80	78	210	0	65.5	58.5
Air Compressor	No	40	80	78	210	0	65.5	61.6
Air Compressor	No	40	80	78	210	0	65.5	61.6
Air Compressor	No	40	80	78	210	0	65.5	61.6
Aerial Lift	No	20	85	75	210	0	62.5	55.5
Forklift	No	20	85	75	210	0	62.5	55.5
							Results	**68.5**
							Ambient	**69.5**
							Construction +Ambient	**72.1**

Receptor #4

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
1100 S. Hill Street	Residential	69.5	40	40

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Calculated (dBA) *Lmax	Calculated (dBA) Leq
Air Compressor	No	40	80	78	340	5	56.3	52.4
Air Compressor	No	20	80	78	340	5	56.3	49.4
Air Compressor	No	40	80	78	340	5	56.3	52.4
Air Compressor	No	40	80	78	340	5	56.3	52.4
Air Compressor	No	40	80	78	340	5	56.3	52.4
Aerial Lift	No	20	85	75	340	5	53.3	46.4
Forklift	No	20	85	75	340	5	53.3	46.4
							Results	**59.4**
							Ambient	**69.5**
							Construction +Ambient	**69.9**

*Calculated Lmax is the Loudest value.

Source: Roadway Construction Noise Model (RCNM),Version 1.1

PARKER ENVIRONMENTAL CONSULTANTS

Construction Noise Calculation Worksheets

Architectural Coating Phase Impact Summary

Receptor #	Address	Land Use	Ambient Noise (dBA Leq)	Receptor Distance (feet)	Noise Impact (dBA Leq)	Construction Significance Criteria (dBA Leq)**	Noise Impact Above Threshold
1	1201 S. Main Street	Residential	62.5	60	79.5	67.5	12.0
3	1100 S. Broadway	Residential	74.0	100	77.5	79.0	0.0
4	1111 S. Broadway	Residential	69.5	210	72.1	74.5	0.0
5	1100 S. Hill Street	Residential	69.5	340	69.9	74.5	0.0

** Significance criteria is based on the ambient Noise levels plus 5 dBA, pursuant to the L.A. CEQA Thresholds Guide (2006) for construction activities occuroing for more than 10 days over a 3-month period.

Construction Noise Impact Summary - All Phases

#	Address	Land Use	Ambient Noise (dBA Leq)	Receptor Distance (feet)	Noise Level Impact (dBA Leq) by Phase					Construction Significance Criteria (dBA Leq)**	Noise Impact Above Threshold	MAX ANY PHASE
					Demo	Grading	Building	Architectural Coating	Paving			
1	1201 S. Main Street	Residential	62.50	60	84.6	82.5	83.4	79.5	82.9	67.5	17.1	84.6
3	1100 S. Broadway	Residential	74.00	100	81.1	79.5	80.2	77.5	79.7	79.0	2.1	81.1
4	1111 S. Broadway	Residential	69.50	210	73.7	71.6	74.3	68.5	72.0	74.5	0.0	74.3
5	1100 S. Hill Street	Residential	69.50	340	64.5	62.4	70.4	59.4	62.8	74.5	0.0	70.4

** Significance criteria is based on the ambient Noise levels plus 5 dBA, pursuant to the L.A. CEQA Thresholds Guide (2006) for construction activities occuring for more than 10 days over a 3-month period.

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Project: Main Street Tower
Date: September 20, 2021

Estimated Crowd Noise Levels

Outdoor Noise Sources	Area	Est. Occupancy	
.: 5th Floor Residential Podium Terrace (North) (sf)=	13,499	270	(@50sf/person)
.: 5th Floor Residential Podium Terrace (South) (sf)=	13,661	273	(@50sf/person)
N3: 30th Floor Residential Podium Terrace(sf)=	2,541	51	(@50sf/person)

	50% Male	50% Female	50% of people	Total people
N1: 5th Floor (North)	67	67	135	270
N1: 5th Floor (South)	68	68	137	273
N3: 30th Floor	13	13	25	51

	Male Speaking @ 3ft (dBA Leq)	Female Speaking @ 3ft (dBA Leq)
Reference SPL (crowd)	**65**	**62**

SPL(N1) =10log10 (10^SPL(N1male)/10 + 10^SPL(N1female)/10)

Composite Reference Noise Levels

	Male Voices	Female Voices	Total Crowd Noise
N1: 5th Floor (North)	83	80.29	85.06
N2: 5th Floor (South)	83	80.34	85.11
N3: 30th Floor	76	73.04	77.80

ID		Distance (feet)	Est. Crowd Noise @ Source (dBA)	Estimated Shielding (dBA)	Estimated Noise Level @ Reciever (dBA)
1	**1201 S. Main Street**				
	N1: 5th Floor (North)	390	85.06	20	47.22
	N2: 5th Floor (South)	90	85.11	15	65.00
	N3: 30th Floor	320	77.80	15	46.68
				Results (dBA Leq)	65.14
2	**1100 S. Broadway**				
	N1: 5th Floor (North)	110	85.06	15	63.21
	N2: 5th Floor (South)	465	85.11	20	45.74
	N3: 30th Floor	330	77.80	15	46.41
				Results (dBA Leq)	63.37
3	**1111 S. Broadway**				
	N1: 5th Floor (North)	215	85.06	15	57.39
	N2: 5th Floor (South)	310	85.11	15	54.26
	N3: 30th Floor	380	77.80	15	45.19
				Results (dBA Leq)	59.28
4	**1100 S. Hill Street**				
	N1: 5th Floor (North)	345	85.06	20	48.28
	N2: 5th Floor (South)	360	85.11	20	47.96
	N3: 30th Floor	460	77.80	20	38.53
				Results (dBA Leq)	51.37

Note: Formulas provided by Caltrans Technical Noise Supplement (September 2013)

Stationary Mechanical Equipment Noise Worksheets

Project: Main Street Tower
Date: June 7, 2019
Analyst: Adrianna Gjonaj

Sensitive Receptor	Distance to HVAC Equipment (feet)	HVAC Mechanical Noise		
		Reference Level (dBA Leq)	Estimated Shielding (dBA)	Estimated Noise Level @ Reciever (dBA)
		74		
1	395	56.05	0	38.09
2	400	55.94	0	37.88
3	380	56.38	0	38.77
4	460	54.72	10	25.45

Distances from Rooftop HVAC to Sensitive Receptors

	Distance (x)	Height (y)	Distance
R1	245	313	397
R2	250	313	401
R3	215	313	380
R5	340	313	462

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, May 2006.

Composite Noise Levels for Proposed Project

Project: Main Street Tower
Date: September 20, 2021
Analyst: Adrianna Gjonaj

Receptor	Address	Ambient Noise (dBA Leq)	Outdoor Decks	HVAC Equipment	Composite Noise Level	Significance Criteria (dBA Leq)	Significant Impact?
1	1201 S. Main St.	62.50	65.14	38.09	67.03	67.50	NO
2	1100 S. Broadway	74.00	63.37	37.88	74.36	79.00	NO
3	1111 S. Broadway	69.50	59.28	38.77	69.90	74.50	NO
4	1100 S. Hill St.	69.50	51.37	25.45	69.57	74.50	NO

Note: Formulas provided by Caltrans Technical Noise Supplement (September 2013): adding Sound Pressure Levels

Project: Main Street Tower
Date: June 7, 2019
Analyst: Adrianna Gjonaj

Sensitive Receptor	Construction Equipment	Distance to Construction (feet)	PPV at 25 Feet (Inches/Second)	Maximum Vibration Levels during Construction
1	Loaded trucks	12	0.076	0.17
	Jackhammer	12	0.035	0.08
	Small Bulldozer	12	0.003	0.01

Source: California Department of Transportation, Transportation and Construction Vibration Guidance Manual, Sept 2013.
*The peak vibration levels at the nearby sensitive receptors during project construction represents the highest instantaneous vibration level that would be generated periodically during a worst-case construction activity and does not represent continuous vibration levels occurring throughout the construction day or period. Note: heavier equipment were not included (large bulldozer, caisson drilling), since the Project Site would not involve caisson drilling.

APPENDIX J.1: CEQA VMT Analysis

City of Los Angeles Department of Transportation (LADOT) Interdepartmental Correspondence Re: Updated Transportation Impact Assessment For The Proposed Mixed-Use Project At 1123 – 1161 South Main Street (ENV-2018-7379-EAF/VTT-82463/ZA- 2018-7378-ZV-TDR-SPR), DOT Case No. CEN18-47813, December 19, 2019.

Crain & Associates, Main Street Tower, 1123-1161 S. Main Street, Supplemental Vehicle Miles Traveled Analysis, November 21, 2019.

FORM GEN. 160A (Rev. 1/82)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

1123 – 1161 S Main St
DOT Case No. CEN18-47813

Date: December 19, 2019

To: Debbie Lawrence, Senior City Planner
Department of City Planning

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **UPDATED TRANSPORTATION IMPACT ASSESSMENT FOR THE PROPOSED MIXED-USE PROJECT AT 1123 – 1161 SOUTH MAIN STREET (ENV-2018-7379-EAF/VTT-82463/ZA-2018-7378-ZV-TDR-SPR)**

On July 22, 2019, the Department of Transportation (DOT) issued a traffic assessment report to the Department of City Planning for the mixed-use project at 1123 – 1161 South Main Street, which was subject to a transportation analysis dated June 4, 2019 prepared by Crain and Associates (Crain). However, subsequent to the release of this report, on July 30, 2019, pursuant to Senate Bill (SB) 743 and the recent changes to Section 15064.3 of the State's California Environmental Quality Act (CEQA) Guidelines, the City of Los Angeles adopted vehicle miles traveled (VMT) as the criteria by which to determine transportation impacts under CEQA. Therefore, in response to this action the applicant submitted a VMT analysis for the proposed project in addition to the previous analysis dated June 4, 2019. Please replace the previous DOT assessment letter dated July 22, 2019, in its entirety, with this report which addresses the totality of the transportation analysis.

The DOT has reviewed the transportation analysis prepared by Crain, dated November 21, 2019, for the proposed mixed-use project located at 1123 – 1161 South Main Street. In compliance with SB 743 and the CEQA, a VMT analysis is required to identify the project's ability to promote the reduction of green-house gas emissions, access to diverse land uses, and the development of multi-modal networks. The significance of a project's impact in this regard is measured against the VMT thresholds established in DOT's Transportation Assessment Guidelines (TAG), as described below.

DISCUSSION AND FINDINGS

A. Project Description

The project proposes to remove an existing 26,710 square feet commercial building located on the northwest corner of Main Street and 12th Street within a Transit Oriented Community (TOC) Affordable Housing Incentive Area Tier 3 and construct a 30-story mixed-use development with 363 residential dwelling units and 12,500 square feet of commercial retail space. The project will provide parking for 373 vehicles on-site within the ground floor and levels two through four. The adjacent north-south alley along the west side of the project will provide primary vehicular access to the project as illustrated in **Attachment A**. The applicant proposes to modify operations of the adjacent alley by restricting access to southbound vehicles only. A secondary driveway on Main Street would provide access to ground floor parking, parking on levels two through four, and the alley. The project is expected to be completed by 2026.

B. CEQA Screening Threshold

Prior to accounting for trip reductions resulting from the application of Transportation Demand Management (TDM) Strategies, a trip generation analysis was conducted to determine if the project would exceed 250 daily vehicle trips screening threshold. Using the City of Los Angeles VMT Calculator tool, which draws upon trip rate estimates published in the Institute of Transportation Engineers (ITE) Trip Generation Manual, 9th Edition as well as applying trip generation adjustments when applicable, based on sociodemographic data and the built environment factors of the project's surroundings, it was determined that the project **does** exceed the net 250 daily vehicle trips threshold. A copy of the VMT calculator reports including the screening page with the corresponding net daily trips estimate is provided as **Attachment B** to this report.

C. Transportation Impacts

On July 30, 2019, pursuant to SB 743 and the recent changes to Section 15064.3 of the State's CEQA Guidelines, the City of Los Angeles adopted VMT as a criteria in determining transportation impacts under CEQA. The new DOT TAG provide instructions on preparing transportation assessments for land use proposals and defines the significant impact thresholds.

The DOT VMT Calculator tool measures project impact in terms of Household VMT per Capita and Work VMT per Employee. DOT identified distinct thresholds for significant VMT impacts for each of the seven Area Planning Commission (APC) areas in the City. For the Central APC area, in which the project is located, the following thresholds have been established:

- Household VMT per Capita: 6.0
- Work VMT per Employee: 7.6

As cited in the VMT Analysis report, prepared by Crain, the proposed project is projected to have a Household VMT per capita of 5.1. The project retail space of 12,500 square feet is considered local serving since it is less than 50,000 square feet. Therefore, it is concluded that implementation of the Project would have a less than significant Household and Work VMT impact.

D. Access and Circulation

During the preparation of the new CEQA guidelines, the State's Office of Planning and Research stressed that lead agencies can continue to apply traditional operational analysis requirements to inform land use decisions provided that such analyses were outside of the CEQA process. The authority for requiring non-CEQA transportation analysis and requiring improvements to address potential circulation deficiencies, lies in the City of Los Angeles' Site Plan Review authority as established in Section 16.05 of the Los Angeles Municipal Code (LAMC). Therefore, DOT continues to require and review a project's site access, circulation, and operational plan to determine if any access enhancements, transit amenities, intersection improvements, traffic signal upgrades, neighborhood traffic calming, or other improvements are needed. In accordance with this authority, the project has completed a circulation analysis using a "level of service" screening methodology that indicates that the trips generated by the proposed development will not likely result in adverse circulation

conditions at several locations. DOT has reviewed this analysis and determined that it adequately discloses operational concerns. A copy of the circulation analysis table that summarizes these potential deficiencies is provided as **Attachment C** to this report.

PROJECT REQUIREMENTS

A. Parking Requirements
The project will provide a total of 373 residential and commercial vehicle parking spaces onsite. The project will also provide 195 bicycle parking spaces. The applicant should check with the Departments of Building and Safety and City Planning on the number of parking spaces required for a TOC Tier 3 project.

B. Highway Dedication and Street Widening Requirements
Per the Mobility Element of the General Plan, **Main Street**, Modified Avenue I, would require a 34-foot half-width roadway within a 50-foot half-width right-of-way; **12th Street**, a Modified Collector Street, would require a 20-foot half-width roadway within a 32-foot half-width right-of-way; and the adjacent alley would require a 10-foot half-width right-of-way. The applicant should check with BOE's Land Development Group to determine if there are any other applicable highway dedication, street widening and/or sidewalk requirements for this project.

C. Project Access and Circulation
The conceptual site plan for the project (see **Attachment A**) is acceptable to DOT. However, the review of this study does not constitute approval of the dimensions for any new proposed driveway. This requires separate review and approval and should be coordinated with DOT's Citywide Planning Coordination Section (201 North Figueroa Street, 5th Floor, Room 550, at 213-482-7024). In order to minimize and prevent last minute building design changes, the applicant should contact DOT for driveway width and internal circulation requirements prior to the commencement of building or parking layout design.

D. Worksite Traffic Control Requirements
DOT recommends that a construction work site traffic control plan be submitted to DOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of any construction work. Refer to http://ladot.lacity.org/what-we-do/plan-review to determine which section to coordinate review of the work site traffic control plan. The plan should show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. DOT also recommends that all construction related truck traffic be restricted to off-peak hours to the extent feasible.

E. Development Review Fees
Section 19.15 of the LAMC identifies specific fees for traffic study review, condition clearance, and permit issuance. The applicant shall comply with any applicable fees per this ordinance.

If you have any questions, please contact Eileen Hunt of my staff at (213) 972-8481.
Attachments
K:\Letters\2019\CEN18-47813_1123 S Main MU_vmt addendum_ltr.docx
c: Shawn Kuk/Shaylee Papadakis, Council District 14
Matthew Masuda, Central District, BOE
Edward Yu, Central District, DOT
Taimour Tanavoli, Case Management, DOT
Ryan Kelly, Crain and Associates, Inc.

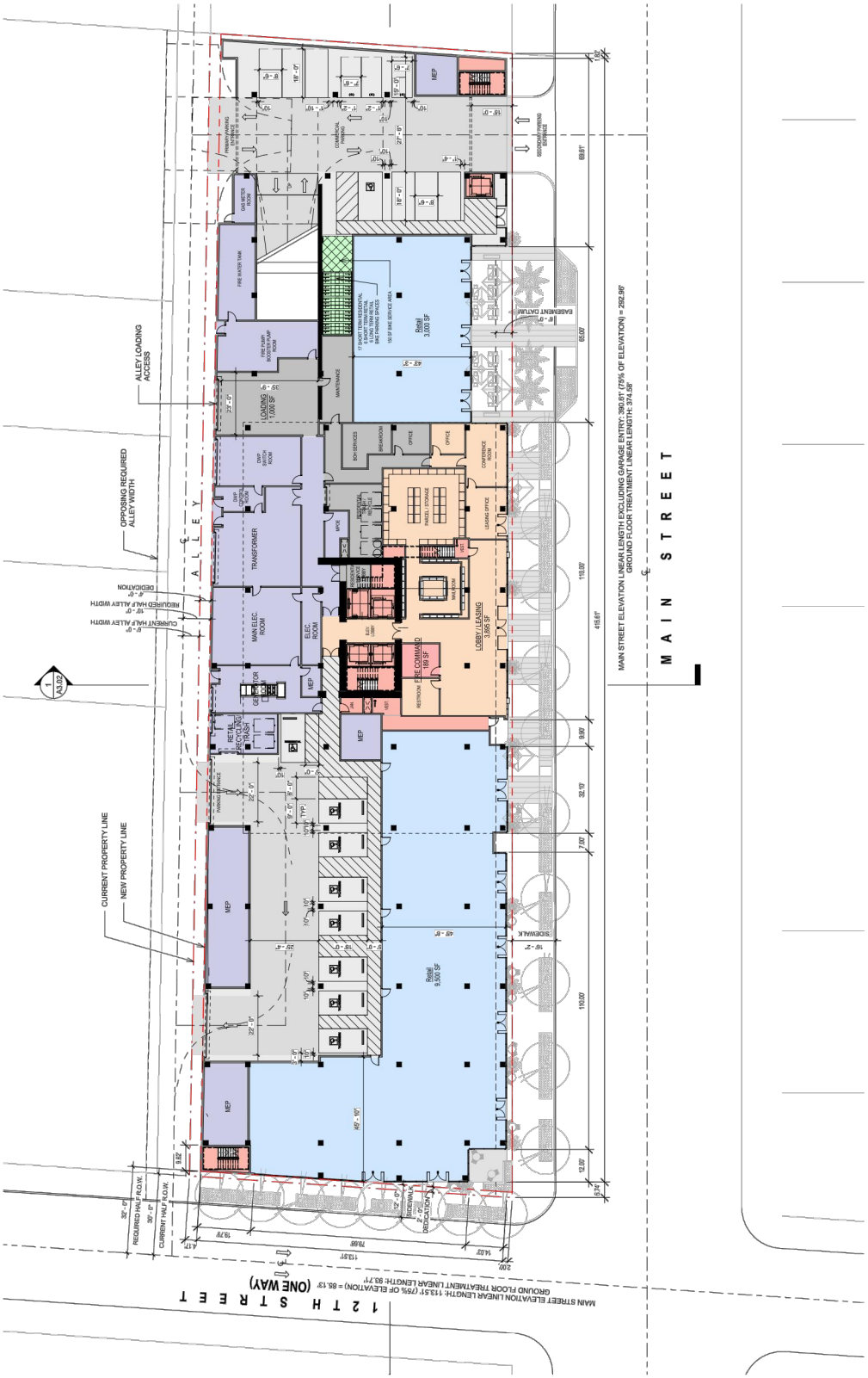


FIGURE 2

4/17/2019

MainStreetTower\SITE PLAN

CONCEPTUAL PROJECT SITE PLAN

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
300 Corporate Pointe, Suite 470
Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
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CITY OF LOS ANGELES VMT CALCULATOR Version 1.2

Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?

Project Information

Project: Main Street Tower
Scenario: With Project
Address: 34.038794, -118.258703



If the project is replacing an existing number of residential units with a smaller number of residential units, is the proposed project located within one-half mile of a fixed-rail or fixed-guideway transit station?

○ Yes ○ No

Existing Land Use

Land Use Type	Value	Unit
Retail | General Retail	26.71	ksf
Retail | General Retail	26.71	ksf

☐ Click here to add a single custom land use type (will be included in the above list)

Proposed Project Land Use

Land Use Type	Value	Unit
Retail | General Retail	12.5	ksf
Housing | Multi-Family	363	DU
Retail | General Retail	12.5	ksf

☐ Click here to add a single custom land use type (will be included in the above list)

Project Screening Summary

Existing Land Use	Proposed Project
684 Daily Vehicle Trips	1,401 Daily Vehicle Trips
4,359 Daily VMT	7,386 Daily VMT

Tier 1 Screening Criteria

Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. ☐

Tier 2 Screening Criteria

The net increase in daily trips < 250 trips	717 Net Daily Trips
The net increase in daily VMT ≤ 0	3,027 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	12.500 ksf

The proposed project is required to perform VMT analysis.

Measuring the Miles

CITY OF LOS ANGELES VMT CALCULATOR Version 1.2

Project Information

Project: Main Street Tower
Scenario: With Project
Address: 34.038794, -118.258703



Proposed Project Land Use Type	Value	Unit
Housing | Multi-Family	363	
Retail | General Retail	12.5	

TDM Strategies

Select each section to show individual strategies
Use ☑ to denote if the TDM strategy is part of the proposed project or is a mitigation strategy

	Proposed Project	With Mitigation
Max Home Based TDM Achieved?	**No**	**No**
Max Work Based TDM Achieved?	**No**	**No**

A Parking

Reduce Parking Supply ☐ Proposed Prj ☐ Mitigation
100 city code parking provision for the project site
74 actual parking provision for the project site

Unbundle Parking ☐ Proposed Prj ☐ Mitigation
150 monthly parking cost (dollar) for the project site

Parking Cash-Out ☐ Proposed Prj ☐ Mitigation
50 percent of employees eligible

Price Workplace Parking ☐ Proposed Prj ☐ Mitigation
6.00 daily parking charge (dollar)
25 percent of employees subject to priced parking

Residential Area Parking Permits ☐ Proposed Prj ☐ Mitigation
200 cost (dollar) of annual permit

B Transit

C Education & Encouragement

D Commute Trip Reductions

E Shared Mobility

F Bicycle Infrastructure

G Neighborhood Enhancement

Analysis Results

Proposed Project	With Mitigation
1,401 Daily Vehicle Trips	**1,401** Daily Vehicle Trips
7,386 Daily VMT	**7,386** Daily VMT
5.1 Household VMT per Capita	**5.1** Household VMT per Capita
N/A Work VMT per Employee	**N/A** Work VMT per Employee

Significant VMT Impact?

Proposed Project	With Mitigation
Household: No Threshold = 6.0 15% Below APC	**Household: No** Threshold = 6.0 15% Below APC
Work: N/A Threshold = 7.6 15% Below APC	**Work: N/A** Threshold = 7.6 15% Below APC

Measuring the Miles

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

Project Information			
Land Use Type		**Value**	**Units**
Housing	*Single Family*	*0*	*DU*
	Multi Family	363	DU
	Townhouse	*0*	*DU*
	Hotel	*0*	*Rooms*
	Motel	*0*	*Rooms*
Affordable Housing	*Family*	*0*	*DU*
	Senior	*0*	*DU*
	Special Needs	*0*	*DU*
	Permanent Supportive	*0*	*DU*
Retail	General Retail	12.500	ksf
	Furniture Store	*0.000*	*ksf*
	Pharmacy/Drugstore	*0.000*	*ksf*
	Supermarket	*0.000*	*ksf*
	Bank	*0.000*	*ksf*
	Health Club	*0.000*	*ksf*
	High-Turnover Sit-Down Restaurant	*0.000*	*ksf*
	Fast-Food Restaurant	*0.000*	*ksf*
	Quality Restaurant	*0.000*	*ksf*
	Auto Repair	*0.000*	*ksf*
	Home Improvement	*0.000*	*ksf*
	Free-Standing Discount	*0.000*	*ksf*
	Movie Theater	*0*	*Seats*
Office	*General Office*	*0.000*	*ksf*
	Medical Office	*0.000*	*ksf*
Industrial	*Light Industrial*	*0.000*	*ksf*
	Manufacturing	*0.000*	*ksf*
	Warehousing/Self-Storage	*0.000*	*ksf*
School	*University*	*0*	*Students*
	High School	*0*	*Students*
	Middle School	*0*	*Students*
	Elementary	*0*	*Students*
	Private School (K-12)	*0*	*Students*
Other		*0*	*Trips*

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

Analysis Results			
Total Employees: 25 Total Population: 818			
Proposed Project		***With Mitigation***	
1,401	**Daily Vehicle Trips**	**1,401**	**Daily Vehicle Trips**
7,386	**Daily VMT**	**7,386**	**Daily VMT**
5.1	**Household VMT per Capita**	**5.1**	**Household VMT per Capita**
N/A	**Work VMT per Employee**	**N/A**	**Work VMT per Employee**

Significant VMT Impact?			
APC: Central			
Impact Threshold: 15% Below APC Average Household = 6.0 Work = 7.6			
Proposed Project		***With Mitigation***	
VMT Threshold	**Impact**	**VMT Threshold**	**Impact**
Household > 6.0 Work > 7.6	No N/A	Household > 6.0 Work > 7.6	No N/A

TDM Strategy Inputs

Strategy Type		Description	Proposed Project	Mitigations
Parking	*Reduce parking supply*	*City code parking provision (spaces)*	*0*	*0*
		Actual parking provision (spaces)	*0*	*0*
	Unbundle parking	Monthly cost for parking ($)	#NAME?	#NAME?
	Parking cash-out	Employees eligible (%)	#NAME?	#NAME?
	Price workplace parking	Daily parking charge ($)	#NAME?	#NAME?
		Employees subject to priced parking (%)	#NAME?	#NAME?
	Residential area parking permits	Cost of annual permit ($)	#NAME?	#NAME?

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Transit	Reduce transit headways	Reduction in headways (increase in frequency) (%)	#NAME?	#NAME?
		Existing transit mode share (as a percent of total daily trips) (%)	#NAME?	#NAME?
		Lines within project site improved (<50%, >=50%)	*0*	*0*
	Implement neighborhood shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees and residents eligible (%)	#NAME?	#NAME?
	Transit subsidies	Employees and residents eligible (%)	#NAME?	#NAME?
		Amount of transit subsidy per passenger (daily equivalent) ($)	#NAME?	#NAME?
Education & Encouragement	Voluntary travel behavior change program	Employees and residents participating (%)	#NAME?	#NAME?
	Promotions and marketing	Employees and residents participating (%)	#NAME?	#NAME?

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Commute Trip Reductions	Required commute trip reduction program	Employees participating (%)	#NAME?	#NAME?
	Alternative Work Schedules and Telecommute Program	Employees participating (%)	#NAME?	#NAME?
		Type of program	*0*	*0*
	Employer sponsored vanpool or shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees eligible (%)	#NAME?	#NAME?
		Employer size (small, medium, large)	*0*	*0*
	Ride-share program	Employees eligible (%)	#NAME?	#NAME?
Shared Mobility	*Car share*	*Car share project setting (Urban, Suburban, All Other)*	*0*	*0*
	Bike share	*Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)*	*0*	*0*
	School carpool program	*Level of implementation (Low, Medium, High)*	*0*	*0*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Bicycle Infrastructure	*Implement/Improve on-street bicycle facility*	*Provide bicycle facility along site (Yes/No)*	*0*	*0*
	Include Bike parking per LAMC	*Meets City Bike Parking Code (Yes/No)*	*0*	*0*
	Include secure bike parking and showers	*Includes indoor bike parking/lockers, showers, & repair station (Yes/No)*	*0*	*0*
Neighborhood Enhancement	Traffic calming improvements	Streets with traffic calming improvements (%)	#NAME?	#NAME?
		Intersections with traffic calming improvements (%)	#NAME?	#NAME?
	Pedestrian network improvements	*Included (within project and connecting off-site/within project only)*	*0*	*0*

CITY OF LOS ANGELES VMT CALCULATOR

Report 3: TDM Outputs

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

TDM Adjustments by Trip Purpose & Strategy

Place type: Compact Infill

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Parking	Reduce parking supply	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Parking sections 1 - 5
	Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Parking cash-out	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Price workplace parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Residential area parking permits	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Transit	Reduce transit headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Transit sections 1 - 3
	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Transit subsidies	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Education & Encouragement	Voluntary travel behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Education & Encouragement sections 1 - 2
	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Commute Trip Reductions	Required commute trip reduction program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Commute Trip Reductions sections 1 - 4
	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Ride-share program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Shared Mobility	Car-share	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	TDM Strategy Appendix, Shared Mobility sections 1 - 3
	Bike share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	School carpool program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

TDM Adjustments by Trip Purpose & Strategy, Cont.

Place type: Compact Infill

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Bicycle Infrastructure	Implement/ Improve on-street bicycle facility	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Bicycle Infrastructure sections 1 - 3
	Include Bike parking per LAMC	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	
	Include secure bike parking and showers	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	
Neighborhood Enhancement	Traffic calming improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Neighborhood Enhancement sections 1 - 2
	Pedestrian network improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	

Final Combined & Maximum TDM Effect

	Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
COMBINED TOTAL	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*
MAX. TDM EFFECT	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*

= Minimum (X%, 1-[(1-A)*(1-B)…])

where X%=

PLACE TYPE MAX:	*urban*	*75%*
	compact infill	*40%*
	suburban center	*20%*
	suburban	*15%*

Note: (1-[(1-A)*(1-B)…]) reflects the dampened combined effectiveness of TDM Strategies (e.g., A, B,…). See the TDM Strategy Appendix (*Transportation Assessment Guidelines Attachment G)* for further discussion of dampening.

CITY OF LOS ANGELES VMT CALCULATOR

Report 4: MXD Methodology

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

MXD Methodology - Project Without TDM

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	491	-39.9%	295	6.0	2,946	1,770
Home Based Other Production	1,316	-55.8%	582	4.1	5,396	2,386
Non-Home Based Other Production	116	-21.6%	91	7.2	835	655
Home-Based Work Attraction	36	-58.3%	15	8.0	288	120
Home-Based Other Attraction	504	-56.3%	220	5.4	2,722	1,188
Non-Home Based Other Attraction	248	-20.2%	198	6.4	1,587	1,267

MXD Methodology with TDM Measures

	Proposed Project			*Project with Mitigation Measures*		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	0.0%	295	1,770	0.0%	295	1,770
Home Based Other Production	0.0%	582	2,386	0.0%	582	2,386
Non-Home Based Other Production	0.0%	91	655	0.0%	91	655
Home-Based Work Attraction	0.0%	15	120	0.0%	15	120
Home-Based Other Attraction	0.0%	220	1,188	0.0%	220	1,188
Non-Home Based Other Attraction	0.0%	198	1,267	0.0%	198	1,267

MXD VMT Methodology Per Capita & Per Employee

Total Population: 818
Total Employees: 25
APC: Central

	Proposed Project	*Project with Mitigation Measures*
Total Home Based Production VMT	**4,156**	**4,156**
Total Home Based Work Attraction VMT	**120**	**120**
Total Home Based VMT Per Capita	**5.1**	**5.1**
Total Work Based VMT Per Employee	**N/A**	**N/A**

Critical Movement Analysis (CMA) & Level of Service (LOS) Summary
Existing (2019) and Future (2026) Traffic Conditions

			Existing (2019) Conditions					Future (2026) Conditions					
		Peak	Existing		Plus Project			Without Project		With Project			Adverse
No.	Intersection	Hour	V/C	LOS	V/C	LOS	V/C Diff.	V/C	LOS	V/C	LOS	V/C Diff.	Queuing
1	Broadway &	AM	0.396	A	0.398	A	0.002	0.577	A	0.579	A	0.002	No
	Olympic Boulevard	PM	0.585	A	0.589	A	0.004	0.817	D	0.821	D	0.004	No
2	Broadway &	AM	0.360	A	0.369	A	0.009	0.616	B	0.625	B	0.009	No
	11th Street	PM	0.873	D	0.877	D	0.004	1.197	F	1.200	F	0.003	No
3	Main Street &	AM	0.354	A	0.359	A	0.005	0.560	A	0.564	A	0.004	No
	9th Street	PM	0.482	A	0.483	A	0.001	0.700	C	0.701	C	0.001	No
4	Main Street &	AM	0.404	A	0.409	A	0.005	0.625	B	0.633	B	0.008	No
	Olympic Boulevard	PM	0.519	A	0.524	A	0.005	0.875	D	0.880	D	0.005	No
5	Main Street &	AM	0.212	A	0.221	A	0.009	0.336	A	0.344	A	0.008	No
	11th Street	PM	0.336	A	0.343	A	0.007	0.537	A	0.544	A	0.007	No
6	Main Street &	AM	0.260	A	0.268	A	0.008	0.374	A	0.383	A	0.009	No
	12th Street	PM	0.319	A	0.321	A	0.002	0.571	A	0.577	A	0.006	No
7	Main Street &	AM	0.401	A	0.401	A	0.000	0.541	A	0.541	A	0.000	No
	Pico Boulevard	PM	0.557	A	0.559	A	0.002	0.811	D	0.813	D	0.002	No

CRAIN & ASSOCIATES
Transportation Planning / Traffic Engineering

EMAIL TRANSMITTED

November 21, 2019

Mr. Wes Pringle
Transportation Engineering Associate III
Metro Development Review
City of Los Angeles Department of Transportation
100 S. Main Street, 9th Floor
Los Angeles, CA 90012

RE: Main Street Tower, 1123-1161 S. Main Street
Supplemental Vehicle Miles Traveled Analysis

Dear Wes,

In June 2019, Crain & Associates prepared a transportation impact study for the Main Street Tower project (the "Project"). The Project is proposed to be a 30-story high-rise residential mixed use building, with 363 residential dwelling units and approximately 12,500 square feet of ground-floor commercial retail space. The results of the transportation analysis determined that the addition of Project-related traffic would not result in significant impacts at any of the seven study intersections, any Congestion Management Program (CMP) monitoring locations, public transit, or residential street facilities. The transportation impact study was conducted based on the procedures outlined in the City of Los Angeles Department of Transportation (LADOT) *Transportation Impact Study Guidelines* (December 2016), which determined impact significance based on intersection level of service (LOS) and Project-related change in intersection volume-to-capacity (V/C) ratio. The LADOT prepared an assessment letter in July 2019 agreeing with the findings of the transportation impact study.

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Culver City, CA 90230
310 473 6508 (main)
310 444 9771 (fax)
www.crainandassociates.com

However, following the passage of Senate Bill 743 (SB 743), the State of California's Governor's Office of Planning and Research (OPR) was tasked with developing new guidelines for evaluating transportation impacts under the California Environmental Quality Act (CEQA). These guidelines were intended to shift the transportation performance metric from automobile delay and LOS to one that would promote the reduction of greenhouse gas emissions and the development of multimodal and diverse transportation networks. As a result, OPR determined that, under the proposed update to the CEQA guidelines, vehicle miles traveled (VMT) would be established as the primary metric for evaluating environmental and transportation impacts.

In response to the updates to the CEQA guidelines, the LADOT updated the City's *Transportation Assessment Guidelines* (TAG) in July 2019 to conform to the requirements of SB 743. The TAG replaced the *Transportation Impact Study Guidelines* (December 2016) and shifted the performance metric for evaluating transportation impacts under CEQA from LOS to VMT for studies completed within the City. The TAG establishes thresholds to identify development projects that would cause substantial VMT.

While the transportation impact study for the Project has been approved by the LADOT, a supplemental VMT analysis has been performed per the new TAG in the event that the Project does not receive entitlements prior to July 1, 2020 (the State's official deadline for required VMT compliance for all development projects). This technical letter presents the supplemental VMT analysis for the proposed Project.

Project Description

The Project is located at the northwest corner of Main Street and 12th Street, at 1123-1161 S. Main Street, in the Central City Community Plan area of the City of Los Angeles (the "site"). The site is generally bounded by a parking lot to the north, 12th Street to the south, Main Street to the east, and a north-south alley to the west. The existing on-site uses consist of approximately 26,710 square feet of specialty retail businesses, mainly selling jewelry, cosmetics, handbags, and other fashion accessories. This existing retail space would be removed in conjunction with development of the Project. The Project's proposed uses are divisible into two primary categories: residential and commercial retail. The residential component of the Project would consist of up to 363 residential dwelling units. The commercial component of the Project would consist of 12,500 square feet of floor area on the ground level.

VMT Impact Criteria and VMT Calculator

The City has updated the TAG to ensure compliance with Section 15064.3, subdivision (b)(1) of the CEQA Guidelines, which asks if a development project would result in a substantial increase in VMT. The TAG sets the following criteria for determining significant transportation impacts based on VMT:

> *For a land use project, would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)(1)?*

To assist in determining which development projects would conflict with CEQA Guidelines section 15064.3, subdivision (b)(1), the TAG establishes two screening criteria to evaluate whether further analysis of a land use project's impact based on VMT is required. Both of the following criteria must be met in order to require further analysis of a land use project's VMT contribution:

1. The land use project would generate a net increase of 250 or more daily vehicle trips.
2. The project would generate a net increase in daily VMT.

In addition, the TAG provides specific instructions for evaluating the VMT contribution of retail and restaurant uses. Should a land use project contain retail or restaurant components that are small-scale or local-serving in nature, the retail/restaurant portion of the land use project can be assumed not to result in a significant VMT impact. The retail/restaurant component of a land use project can be considered small-scale or local-serving if the total retail and restaurant square footage does not exceed 50,000 square feet. For a mixed-use development, if the retail/restaurant component does not exceed 50,000 square feet in size, the retail/restaurant portion of the land use project can be considered to have a less-than-significant VMT impact; however, the remaining portions of the land use project are subject to further VMT analysis if the above two screening criteria are met.

After the initial screening, the TAG provides guidance for further analysis of the VMT contribution of a land use project. Under the updated TAG, two forms of VMT are analyzed: (1) household VMT per capita and (2) work VMT per employee. The household VMT per capita is the home-based VMT produced by the residential component of a land use project divided by the number of residents within the development. The work VMT per employee is the home-based work VMT attracted by the non-residential uses of a land use project divided by the

number of employees within the development. As outlined in the updated TAG, in order for a proposed land use project to have a less-than-significant VMT impact, two criteria must be met: (1) the land use project's household VMT per capita must not exceed 15 percent below the average household VMT per capita, and (2) the land use project's work VMT per employee must not exceed 15 percent below the average work VMT per employee. The thresholds corresponding to 15 percent below the average household VMT per capita and average work VMT per capita were individually determined for each of the seven Area Planning Commission (APC) areas within the City and are shown in Table 1. The Area Planning Commission area in which a land use project is located determines the appropriate significance thresholds to be applied.

Table 1
VMT Significant Impact Thresholds

Area Planning Commission	Daily Household VMT per Capita	Daily Work VMT per Employee
Central	6.0	7.6
East LA	7.2	12.7
Harbor	9.2	12.3
North Valley	9.2	15.0
South LA	6.0	11.6
South Valley	9.4	11.6
West LA	7.4	11.1

Along with the updated TAG, LADOT developed the City of Los Angeles VMT Calculator Version 1.2 (the "VMT Calculator"), which calculates the daily vehicle trips, daily VMT, daily household VMT per capita, and daily work VMT per employee for land use projects. The VMT Calculator utilizes average daily trip generation rates from the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (9th Edition, 2012) and empirical trip generation data to determine the base daily trips associated with a land use project. The number of daily trips is further refined using data from the Environmental Protection Agency's (EPA's) Mixed-Use (MXD) Model and the City's Travel Demand Forecasting (TDF) Model.

The VMT Calculator also determines population and employment estimates for a land use project based on rates developed from U.S. Census data for the City of Los Angeles and employment data from a variety of sources, including the Los Angeles Unified School District

and the San Diego Association of Governments (SANDAG). The VMT Calculator then uses trip length information from the TDF Model, in combination with the daily trips and population/employment estimates, to calculate the land use project's daily VMT, household VMT per capita, and work VMT per capita. The VMT Calculator also provides a menu of Transportation Demand Management (TDM) strategies that can be implemented for a land use project, either as project features or mitigation measures, to reduce the project's daily vehicle trips and VMT. Further detail on the VMT Calculator can be found in the *City of Los Angeles VMT Calculator Documentation* (November 2019).

Project VMT Calculations

To determine whether the Project requires further VMT analysis, the Project's existing and proposed land uses were inputted into the VMT Calculator. As shown in Attachment 1, the Housing (Multi-Family) and Retail (General Retail) land use rates were applied to the corresponding proposed Project uses. For screening purposes, the Retail (General Retail) land use rates were applied to the existing land use, as no specialty retail land use code is available within the VMT Calculator. As shown, based on the VMT Calculator, the Project would generate 717 net daily trips and 3,027 net daily VMT (proposed minus existing). As the Project would generate more than 250 net daily trips and would result in a net increase in daily VMT, the Project would meet both screening criteria and further VMT analysis is required.

The VMT Calculator was then utilized to determine household VMT per capita and the work VMT per employee. To be conservative, although the Project proposes to incorporate TDM strategies (such as reducing the Project parking supply from the standard amount required per City Municipal Code and providing short- and long-term bicycle parking supplies), implementation of these strategies was not considered for the Project's VMT calculation. The VMT Calculator determined that the residential portion of the Project would generate a household VMT per capita of 5.1. Since the Project is located within the Central Area Planning Commission area, the appropriate threshold of significance with which to compare the Project's household VMT estimate is 6.0 daily household VMT per capita, as shown in Table 1. Therefore, the Project is expected to have a less-than-significant VMT impact based on the residential component. Since the Project's retail component would not exceed 50,000 square feet, the retail component was determined not to have a significant VMT impact and the work VMT per employee was not calculated for the Project. Thus, the residential and retail

components of the proposed Project would result in less-than-significant VMT impacts under the updated TAG.

Please contact me if you have any questions.

Sincerely,



Ryan J. Kelly, T.E.
Senior Transportation Engineer
TR 2547

RK:dh
C22620
attachment

ATTACHMENT 1

VMT CALCULATOR OUTPUT REPORTS

CITY OF LOS ANGELES VMT CALCULATOR Version 1.2

Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?

Project Information

Project: Main Street Tower

Scenario: With Project

Address: 34.038794, -118.258703



If the project is replacing an existing number of residential units with a smaller number of residential units, is the proposed project located within one-half mile of a fixed-rail or fixed-guideway transit station?

● Yes ○ No

Existing Land Use

Land Use Type	Value	Unit
Retail | General Retail	26.71	ksf
Retail | General Retail	26.71	ksf

☐ Click here to add a single custom land use type (will be included in the above list)

Proposed Project Land Use

Land Use Type	Value	Unit
Retail | General Retail	12.5	ksf
Housing | Multi-Family	363	DU
Retail | General Retail	12.5	ksf

☐ Click here to add a single custom land use type (will be included in the above list)

Project Screening Summary

Existing Land Use	Proposed Project
684 Daily Vehicle Trips	1,401 Daily Vehicle Trips
4,359 Daily VMT	7,386 Daily VMT

Tier 1 Screening Criteria

Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. ☐

Tier 2 Screening Criteria

The net increase in daily trips < 250 trips	717 Net Daily Trips
The net increase in daily VMT ≤ 0	3,027 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	12.500 ksf

The proposed project is required to perform VMT analysis.

Measuring the Miles

11/17/2019

CITY OF LOS ANGELES VMT CALCULATOR Version 1.2

Project Information

Project: Main Street Tower
Scenario: With Project
Address: 34.038794, -118.258703



Proposed Project Land Use Type	Value	Unit
Housing | Multi-Family	363	
Retail | General Retail	12.5	

TDM Strategies

Select each section to show individual strategies
Use ☑ to denote if the TDM strategy is part of the proposed project or is a mitigation strategy

	Proposed Project	With Mitigation
Max Home Based TDM Achieved?	**No**	**No**
Max Work Based TDM Achieved?	**No**	**No**

A Parking

Reduce Parking Supply ☐ Proposed Prj ☐ Mitigation
100 city code parking provision for the project site
74 actual parking provision for the project site

Unbundle Parking ☐ Proposed Prj ☐ Mitigation
150 monthly parking cost (dollar) for the project site

Parking Cash-Out ☐ Proposed Prj ☐ Mitigation
50 percent of employees eligible

Price Workplace Parking ☐ Proposed Prj ☐ Mitigation
6.00 daily parking charge (dollar)
25 percent of employees subject to priced parking

Residential Area Parking Permits ☐ Proposed Prj ☐ Mitigation
200 cost (dollar) of annual permit

B Transit

C Education & Encouragement

D Commute Trip Reductions

E Shared Mobility

F Bicycle Infrastructure

G Neighborhood Enhancement

Analysis Results

Proposed Project	With Mitigation
1,401 Daily Vehicle Trips	**1,401** Daily Vehicle Trips
7,386 Daily VMT	**7,386** Daily VMT
5.1 Household VMT per Capita	**5.1** Household VMT per Capita
N/A Work VMT per Employee	**N/A** Work VMT per Employee

Significant VMT Impact?

Proposed Project	With Mitigation
Household: No Threshold = 6.0 15% Below APC	**Household: No** Threshold = 6.0 15% Below APC
Work: N/A Threshold = 7.6 15% Below APC	**Work: N/A** Threshold = 7.6 15% Below APC

Measuring the Miles

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

Project Information			
Land Use Type		**Value**	**Units**
Housing	*Single Family*	*0*	*DU*
	Multi Family	363	DU
	Townhouse	*0*	*DU*
	Hotel	*0*	*Rooms*
	Motel	*0*	*Rooms*
Affordable Housing	*Family*	*0*	*DU*
	Senior	*0*	*DU*
	Special Needs	*0*	*DU*
	Permanent Supportive	*0*	*DU*
Retail	General Retail	12.500	ksf
	Furniture Store	*0.000*	*ksf*
	Pharmacy/Drugstore	*0.000*	*ksf*
	Supermarket	*0.000*	*ksf*
	Bank	*0.000*	*ksf*
	Health Club	*0.000*	*ksf*
	High-Turnover Sit-Down Restaurant	*0.000*	*ksf*
	Fast-Food Restaurant	*0.000*	*ksf*
	Quality Restaurant	*0.000*	*ksf*
	Auto Repair	*0.000*	*ksf*
	Home Improvement	*0.000*	*ksf*
	Free-Standing Discount	*0.000*	*ksf*
	Movie Theater	*0*	*Seats*
Office	*General Office*	*0.000*	*ksf*
	Medical Office	*0.000*	*ksf*
Industrial	*Light Industrial*	*0.000*	*ksf*
	Manufacturing	*0.000*	*ksf*
	Warehousing/Self-Storage	*0.000*	*ksf*
School	*University*	*0*	*Students*
	High School	*0*	*Students*
	Middle School	*0*	*Students*
	Elementary	*0*	*Students*
	Private School (K-12)	*0*	*Students*
Other		*0*	*Trips*

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

Analysis Results			
Total Employees: 25 Total Population: 818			
Proposed Project		***With Mitigation***	
1,401	**Daily Vehicle Trips**	**1,401**	**Daily Vehicle Trips**
7,386	**Daily VMT**	**7,386**	**Daily VMT**
5.1	**Household VMT per Capita**	**5.1**	**Household VMT per Capita**
N/A	**Work VMT per Employee**	**N/A**	**Work VMT per Employee**

Significant VMT Impact?			
APC: Central			
Impact Threshold: 15% Below APC Average Household = 6.0 Work = 7.6			
Proposed Project		***With Mitigation***	
VMT Threshold	**Impact**	**VMT Threshold**	**Impact**
Household > 6.0 Work > 7.6	No N/A	Household > 6.0 Work > 7.6	No N/A

TDM Strategy Inputs

Strategy Type		Description	Proposed Project	Mitigations
Parking	*Reduce parking supply*	*City code parking provision (spaces)*	*0*	*0*
		Actual parking provision (spaces)	*0*	*0*
	Unbundle parking	Monthly cost for parking ($)	#NAME?	#NAME?
	Parking cash-out	Employees eligible (%)	#NAME?	#NAME?
	Price workplace parking	Daily parking charge ($)	#NAME?	#NAME?
		Employees subject to priced parking (%)	#NAME?	#NAME?
	Residential area parking permits	Cost of annual permit ($)	#NAME?	#NAME?

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Transit	Reduce transit headways	Reduction in headways (increase in frequency) (%)	#NAME?	#NAME?
		Existing transit mode share (as a percent of total daily trips) (%)	#NAME?	#NAME?
		Lines within project site improved (<50%, >=50%)	*0*	*0*
	Implement neighborhood shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees and residents eligible (%)	#NAME?	#NAME?
	Transit subsidies	Employees and residents eligible (%)	#NAME?	#NAME?
		Amount of transit subsidy per passenger (daily equivalent) ($)	#NAME?	#NAME?
Education & Encouragement	Voluntary travel behavior change program	Employees and residents participating (%)	#NAME?	#NAME?
	Promotions and marketing	Employees and residents participating (%)	#NAME?	#NAME?

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Commute Trip Reductions	Required commute trip reduction program	Employees participating (%)	#NAME?	#NAME?
	Alternative Work Schedules and Telecommute Program	Employees participating (%)	#NAME?	#NAME?
		Type of program	*0*	*0*
	Employer sponsored vanpool or shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees eligible (%)	#NAME?	#NAME?
		Employer size (small, medium, large)	*0*	*0*
	Ride-share program	Employees eligible (%)	#NAME?	#NAME?
Shared Mobility	*Car share*	*Car share project setting (Urban, Suburban, All Other)*	*0*	*0*
	Bike share	*Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)*	*0*	*0*
	School carpool program	*Level of implementation (Low, Medium, High)*	*0*	*0*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Bicycle Infrastructure	*Implement/Improve on-street bicycle facility*	*Provide bicycle facility along site (Yes/No)*	*0*	*0*
	Include Bike parking per LAMC	*Meets City Bike Parking Code (Yes/No)*	*0*	*0*
	Include secure bike parking and showers	*Includes indoor bike parking/lockers, showers, & repair station (Yes/No)*	*0*	*0*
Neighborhood Enhancement	Traffic calming improvements	Streets with traffic calming improvements (%)	#NAME?	#NAME?
		Intersections with traffic calming improvements (%)	#NAME?	#NAME?
	Pedestrian network improvements	*Included (within project and connecting off-site/within project only)*	*0*	*0*

CITY OF LOS ANGELES VMT CALCULATOR

Report 3: TDM Outputs

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

TDM Adjustments by Trip Purpose & Strategy

Place type: Compact Infill

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Parking	Reduce parking supply	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Parking sections 1 - 5
	Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Parking cash-out	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Price workplace parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Residential area parking permits	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Transit	Reduce transit headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Transit sections 1 - 3
	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Transit subsidies	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Education & Encouragement	Voluntary travel behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Education & Encouragement sections 1 - 2
	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Commute Trip Reductions	Required commute trip reduction program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Commute Trip Reductions sections 1 - 4
	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Ride-share program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Shared Mobility	Car-share	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	TDM Strategy Appendix, Shared Mobility sections 1 - 3
	Bike share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	School carpool program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

TDM Adjustments by Trip Purpose & Strategy, Cont.

Place type: Compact Infill

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Bicycle Infrastructure	Implement/ Improve on-street bicycle facility	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Bicycle Infrastructure sections 1 - 3
	Include Bike parking per LAMC	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	
	Include secure bike parking and showers	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	
Neighborhood Enhancement	Traffic calming improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Neighborhood Enhancement sections 1 - 2
	Pedestrian network improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	

Final Combined & Maximum TDM Effect

	Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
COMBINED TOTAL	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*
MAX. TDM EFFECT	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*

= Minimum (X%, 1-[(1-A)*(1-B)…])

where X%=

PLACE TYPE MAX:	*urban*	*75%*
	compact infill	*40%*
	suburban center	*20%*
	suburban	*15%*

Note: (1-[(1-A)*(1-B)…]) reflects the dampened combined effectiveness of TDM Strategies (e.g., A, B,…). See the TDM Strategy Appendix (*Transportation Assessment Guidelines Attachment G)* for further discussion of dampening.

CITY OF LOS ANGELES VMT CALCULATOR

Report 4: MXD Methodology

Date: November 17, 2019
Project Name: Main Street Tower
Project Scenario: With Project
Project Address: 34.038794, -118.258703

Version 1.2

MXD Methodology - Project Without TDM

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	491	-39.9%	295	6.0	2,946	1,770
Home Based Other Production	1,316	-55.8%	582	4.1	5,396	2,386
Non-Home Based Other Production	116	-21.6%	91	7.2	835	655
Home-Based Work Attraction	36	-58.3%	15	8.0	288	120
Home-Based Other Attraction	504	-56.3%	220	5.4	2,722	1,188
Non-Home Based Other Attraction	248	-20.2%	198	6.4	1,587	1,267

MXD Methodology with TDM Measures

	Proposed Project			*Project with Mitigation Measures*		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	0.0%	295	1,770	0.0%	295	1,770
Home Based Other Production	0.0%	582	2,386	0.0%	582	2,386
Non-Home Based Other Production	0.0%	91	655	0.0%	91	655
Home-Based Work Attraction	0.0%	15	120	0.0%	15	120
Home-Based Other Attraction	0.0%	220	1,188	0.0%	220	1,188
Non-Home Based Other Attraction	0.0%	198	1,267	0.0%	198	1,267

MXD VMT Methodology Per Capita & Per Employee

Total Population: 818
Total Employees: 25
APC: Central

	Proposed Project	*Project with Mitigation Measures*
Total Home Based Production VMT	**4,156**	**4,156**
Total Home Based Work Attraction VMT	**120**	**120**
Total Home Based VMT Per Capita	**5.1**	**5.1**
Total Work Based VMT Per Employee	**N/A**	**N/A**

APPENDIX J.2: Non-CEQA Transportation Analysis

Non-CEQA Transportation Analysis

- City of Los Angeles Department of Transportation (LADOT) Interdepartmental Correspondence Re: Transportation Impact Assessment For The Proposed Mixed-Use Project At 1123 – 1161 South Main Street (ENV-2018-7379-EAF/VTT-82463/ZA- 2018-7378-ZV-TDR-SPR), DOT Case No. CEN18-47813, July 22, 2019.

- Crain & Associates, Transportation Impact Study for the Proposed Main Street Tower Project, City of Los Angeles, June 4, 2019.

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FORM GEN. 160A (Rev. 1/82)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

1123 – 1161 Main St
DOT Case No. CEN 18-47813

Date: July 22, 2019

To: Heather Bleemers, Senior City Planner
Department of City Planning

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **TRANSPORTATION IMPACT ANALYSIS FOR THE PROPOSED MIXED-USE PROJECT AT 1123 - 1161 MAIN STREET (ENV-2018-7379-EAF/VTT-82463/ZA-2018-7378-ZV-TDR-SPR)**

The Department of Transportation (DOT) has reviewed the transportation analysis prepared by Crain and Associates, Inc., dated June 2019, for the proposed mixed-use project located at 1123 - 1161 Main Street. In order to evaluate the effects of the project's traffic on the available transportation infrastructure, the significance of the project's traffic impacts is measured in terms of change to the volume-to-capacity (V/C) ratio between the "future no project" and the "future with project" scenarios. This change in the V/C ratio is compared to established threshold standards to assess the project-related traffic impacts. The transportation study included the analysis of **seven** signalized intersections. Based on DOT's current traffic impact criteria[1], none of the intersections would be significantly impacted by project-related traffic. The results of the transportation analysis, which accounted for other known development projects in estimating potential cumulative impacts and adequately evaluated the project's transportation impacts on the surrounding community, are summarized in **Attachment 1.**

DISCUSSION AND FINDINGS

A. Project Description

The project proposes to remove an existing 26,710 square feet commercial building located on the northwest corner of Main Street and 12th Street within a Transit Oriented Community (TOC) Affordable Housing Incentive Area and construct a 30-story mixed-use development with 363 residential dwelling units and 12,500 square feet of commercial retail space. The project will provide parking for 373 vehicles on-site within the ground floor and levels two thru four. The adjacent north-south alley along the west side of the project will provide vehicular access to the project as illustrated in **Attachment 2**. The applicant proposes to modify operations of the adjacent alley by restricting access to southbound vehicles only. The project is expected to be completed by 2026.

B. Trip Generation

The project is estimated to generate an approximate net increase of 463 daily trips, a net increase of 69 trips during the a.m. peak hour and a net increase of 40 trips during the p.m. peak hour. The trip generation estimates are based on formulas published by the Institute of Transportation Engineers (ITE) Trip Generation, 10th Edition, 2017. A copy of the project trip generation table can be found in **Attachment 3**.

[1] Per DOT's Traffic Study Policies and Procedures, a significant impact is identified as an increase in the Critical Movement Analysis (CMA) value, due to project related traffic, of 0.01 or more when the final ("with project") Level of Service (LOS) is LOS E or F; an increase of 0.020 or more when the final LOS is LOS D; or an increase of 0.040 or more when the final LOS is LOS C.

C. Freeway Analysis

The traffic study did not include a freeway impact analysis because project does not generate more than the 150 directional trips threshold for CMP freeway monitoring segments or further analysis. No additional freeway analysis was required.

PROJECT REQUIREMENTS

Non-CEQA-Related Requirements

To comply with transportation and mobility goals and provisions of adopted City plans and ordinances, the applicant should be required to implement the following:

A. Parking Requirements

The project will provide a total of 373 residential and commercial vehicle parking spaces onsite. The project will also provide 195 bicycle parking spaces. The applicant should check with the Departments of Building and Safety and City Planning on the number of parking spaces required for a TOC Tier 3 project.

B. Highway Dedication and Street Widening Requirements

On January 20, 2016, the City Council adopted the Mobility Plan 2035 which represents the new Mobility Element of the General Plan. A key feature of the updated plan is to revise street standards in an effort to provide a more enhanced balance between traffic flow and other important street functions including transit routes and stops, pedestrian environments, bicycle routes, building design and site access, etc. Per the new Mobility Element, **Main Street**, a Modified Avenue I, would require a 34-foot half-width roadway within a 50-foot half-width right-of-way; **Twelfth Street,** a Modified Collector Street, would require a 20-foot half-width roadway within a 32-foot half-width right-of-way; and the adjacent alley would require a 10-foot half-width right-of-way. The applicant should check with BOE's Land Development Group to determine if there are any other applicable highway dedication, street widening and/or sidewalk requirements for this project.

C. Project Access and Circulation

The conceptual site plan for the project (see **Attachment 2**) is acceptable to DOT. However, the review of this study does not constitute approval of the dimensions for any new proposed driveways or operational change of the adjacent alley. This requires separate review and approval and should be coordinated with DOT's Citywide Planning Coordination Section (201 North Figueroa Street, 5th Floor, Room 550, at 213-482-7024). In order to minimize and prevent last minute building design changes, the applicant should contact DOT for driveway width and internal circulation requirements prior to the commencement of building or parking layout design.

D. Worksite Traffic Control Requirements

DOT recommends that a construction work site traffic control plan be submitted to DOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of any construction work. Refer to http://ladot.lacity.org/what-we-do/plan-review to determine which section to coordinate review of the work site traffic control plan. The plan should show the location of any roadway or sidewalk closures, traffic detours, haul routes, hours of operation, protective devices, warning signs and access to abutting properties. DOT also recommends that all construction related truck traffic be restricted to off-peak hours to the extent feasible.

E. Development Review Fees
An ordinance adding Section 19.15 to the Los Angeles Municipal Code relative to application fees paid to DOT for permit issuance activities was adopted by the Los Angeles City Council in 2009 and updated in 2014. Ordinance No. 183270 identifies specific fees for traffic study review, condition clearance, and permit issuance. The applicant shall comply with any applicable fees per this ordinance.

If you have any questions, please contact Kaylinn Pell of my staff at (213) 972-4993.

Attachments

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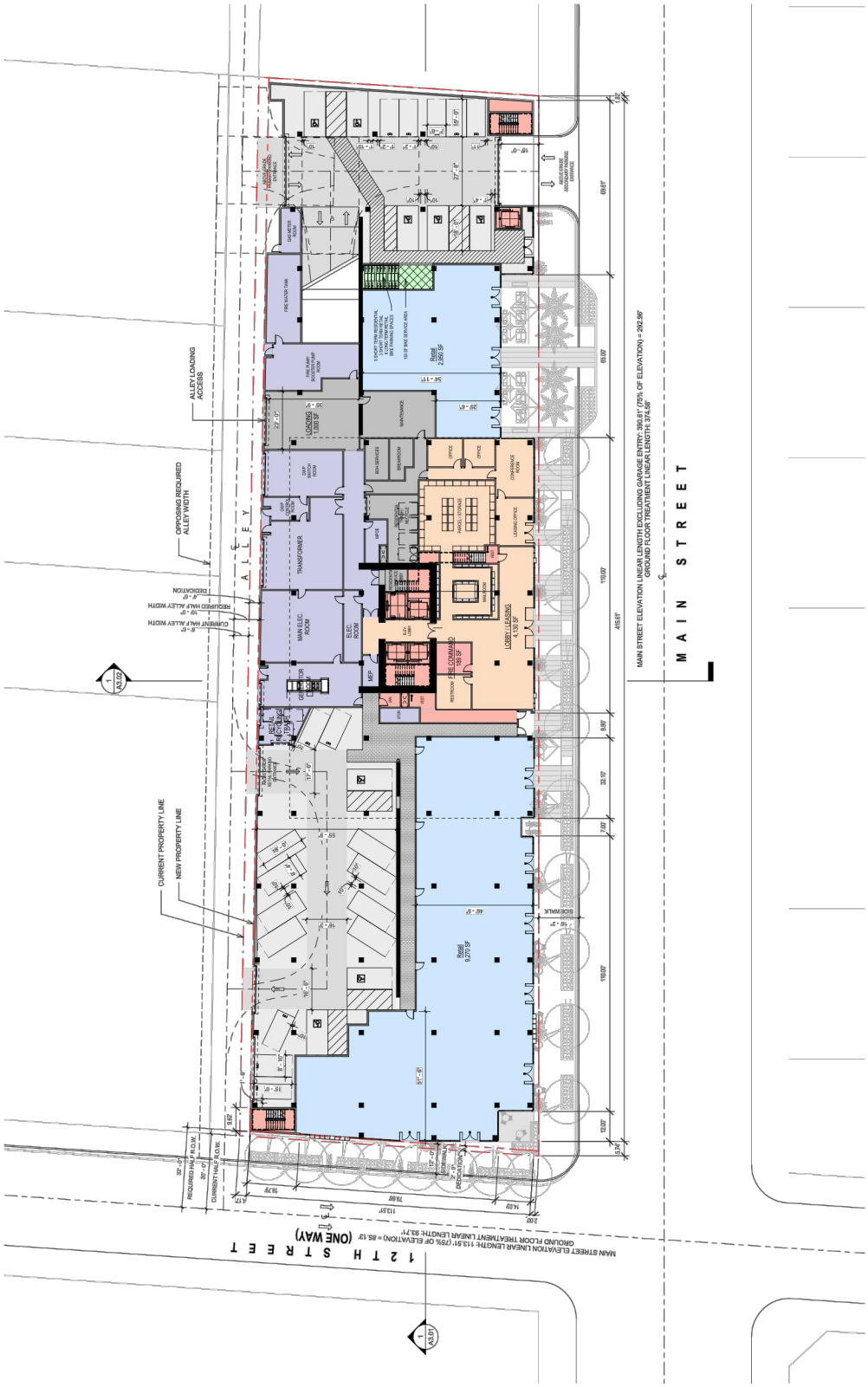
c: Shaylee Papadakis, Council District No. 14
Matthew Masuda, Central District, BOE
Mehrdad Moskar, Central District, DOT
Taimour Tanavoli, Case Management, DOT
Ryan Kelly, Crain and Associates, Inc.

Table 8
Critical Movement Analysis (CMA) & Level of Service (LOS) Summary
Existing (2019) and Future (2026) Traffic Conditions

			Existing (2019) Conditions					Future (2026) Conditions					
		Peak	Existing		Plus Project			Without Project		With Project			
No.	Intersection	Hour	V/C	LOS	V/C	LOS	Impact	V/C	LOS	V/C	LOS	Impact	Sig.?
	Broadway &	AM	0.396	A	0.398	A	0.002	0.577	A	0.579	A	0.002	No
	Olympic Boulevard	PM	0.585	A	0.589	A	0.004	0.817	D	0.821	D	0.004	No
2	Broadway &	AM	0.360	A	0.369	A	0.009	0.616	B	0.625	B	0.009	No
	11th Street	PM	0.873	D	0.877	D	0.004	1.197	F	1.200	F	0.003	No
3	Main Street &	AM	0.354	A	0.359	A	0.005	0.560	A	0.564	A	0.004	No
	9th Street	PM	0.482	A	0.483	A	0.001	0.700	C	0.701	C	0.001	No
4	Main Street &	AM	0.404	A	0.409	A	0.005	0.625	B	0.633	B	0.008	No
	Olympic Boulevard	PM	0.519	A	0.524	A	0.005	0.875	D	0.880	D	0.005	No
5	Main Street &	AM	0.212	A	0.221	A	0.009	0.336	A	0.344	A	0.008	No
	11th Street	PM	0.336	A	0.343	A	0.007	0.537	A	0.544	A	0.007	No
6	Main Street &	AM	0.260	A	0.268	A	0.008	0.374	A	0.383	A	0.009	No
	12th Street	PM	0.319	A	0.321	A	0.002	0.571	A	0.577	A	0.006	No
7	Main Street &	AM	0.401	A	0.401	A	0.000	0.541	A	0.541	A	0.000	No
	Pico Boulevard	PM	0.557	A	0.559	A	0.002	0.811	D	0.813	D	0.002	No

Attachment 1

ATTACHMENT 2



12/6/2018

MainStreetTower\SITE PLAN

CONCEPTUAL PROJECT SITE PLAN

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ATTACHMENT 3

MAIN STREET TOWER PROJECT
WEEKDAY TRIP GENERATION RATES AND SUMMARY[1]

Land Use	ITE Code	Intensity[2]	Average Weekday	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Trip Generation Rates									
Multifamily Housing (High-Rise)	222	1 du	2.07	12%	88%	0.21	70%	30%	0.19
Shopping Center	820	1 ksf	37.75	62%	38%	0.94	48%	52%	3.81

Trip Generation Summary									
Description	**Size**	**Average Weekday**	**AM Peak Hour**			**PM Peak Hour**		
			In	**Out**	**Total**	**In**	**Out**	**Total**
PROPOSED USES								
Residential								
Multifamily Housing	363 du	751	9	67	76	48	21	69
10% Internal Capture Adjustment[3]		(40)	0	(1)	(1)	(2)	(2)	(4)
Multifamily Housing Total		711	9	66	75	46	19	65
Commercial								
Shopping Center	12.500 ksf	472	7	5	12	23	25	48
15% Transit/Walk Adjustment[4]		(71)	(1)	(1)	(2)	(3)	(4)	(7)
Shopping Center With Transit/Walk Adjustment Subtotal		401	6	4	10	20	21	41
10% Internal Capture Adjustment[3]		(40)	(1)	0	(1)	(2)	(2)	(4)
Shopping Center With Internal Capture Adjustment Subtotal		361	5	4	9	18	19	37
50% Pass-By Adjustment[5]		(180)	(2)	(2)	(4)	(9)	(9)	(18)
Shopping Center Total		181	3	2	5	9	10	19
Proposed Project Driveway Trips (including Pass-By Trips)		**1,072**	**14**	**70**	**84**	**64**	**38**	**102**
Proposed Project Trips		**892**	**12**	**68**	**80**	**55**	**29**	**84**
EXISTING USE								
Commercial								
Shopping Center	26.710 ksf	1,008	16	9	25	49	53	102
15% Transit/Walk Adjustment[4]		(151)	(3)	(1)	(4)	(7)	(8)	(15)
Shopping Center With Transit/Walk Adjustment Subtotal		857	13	8	21	42	45	87
50% Pass-By Adjustment[5]		(428)	(6)	(4)	(10)	(21)	(22)	(43)
Shopping Center Total		429	7	4	11	21	23	44
Existing Project Driveway Trips (including Pass-By Trips)		**857**	**13**	**8**	**21**	**42**	**45**	**87**
Existing Project Trips		**429**	**7**	**4**	**11**	**21**	**23**	**44**
Net Project Driveway Trips (including Pass-By Trips)		**215**	**1**	**62**	**63**	**22**	**-7**	**15**
Net Project Trips		**463**	**5**	**64**	**69**	**34**	**6**	**40**

Notes:

1) ITE *Trip Generation Manual* (10th Edition, 2017) trip generation rates and equations applied. For Land Use Code 222 (Multifamily Housing [High-Rise]), rates for the Dense Multi-Use Urban setting were used, as this setting is more applicable to the Project site than the General Urban/Suburban setting and there is an adequate number of studies in the peak-hour time period datasets. For Land Use Code 820 (Shopping Center), rates for the General Urban/Suburban setting were used, as no daily rate is provided for the Dense Multi-Use Urban setting and the peak-hour rates are based on very limited data. Transit/walk adjustments were, therefore, only applied to the Shopping Center land use.
2) du = Dwelling Units; ksf = Thousands of Square Feet of Gross Leasable Floor Area.
3) 10 percent internal capture adjustment assumed. The internal capture adjustment is applied to the lower peak-hour trip-generating component of the uses sharing trips with each other (Shopping Center use). The internal trips for the higher trip-generating component (Multifamily Housing use) are then balanced with the internal trips to/from the lower trip-generating component.
4) Consistent with current LADOT *Transportation Impact Study Guidelines* , a 15 percent transit/walk adjustment has been assumed for the Shopping Center use (given that the Project is located within an approximately one-quarter mile walking distance of Metro rapid bus and rail service, and such an adjustment is not already accounted for in the General Urban/Suburban setting baseline trip rates).
5) Based on Attachment D of the current LADOT *Transportation Impact Study Guidelines* , appropriate pass-by trip adjustments have been applied to the Shopping Center land use category.

TRANSPORTATION IMPACT STUDY FOR THE PROPOSED MAIN STREET TOWER PROJECT, CITY OF LOS ANGELES

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June 4, 2019

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INTRODUCTION

Crain & Associates has prepared this transportation impact study to assess the potential traffic impacts of the Main Street Tower project (the "Project"), a proposed 30-story high rise residential mixed-use building. The proposed residential component of the Project would consist of up to 363 residential dwelling units. The proposed commercial component of the Project would consist of approximately 12,500 square feet of ground-floor commercial retail space. The Project site is presently occupied by approximately 26,710 square feet of active specialty retail space (a diversity of businesses selling jewelry, cosmetics, handbags, and other fashion accessories). This existing retail space would be removed in conjunction with development of the Project.

The Project is located at the northwest corner Main Street & 12th Street, at 1123-1161 S. Main Street, in the Central City Community Plan area of the City of Los Angeles (the "site"). The site is generally bounded by a parking lot to the north, 12th Street to the south, Main Street to the east, and a north-south alley to the west. Project parking would be provided on-site on the ground level and levels two through four. Primary residential and commercial retail access/egress would be via the alley at the west side of the site. From the alley, a full-access driveway would provide a connection to the limited commercial retail parking on the ground level and the vast majority of the residential parking in the above-ground parking levels. Americans with Disabilities Act (ADA) accessible parking spaces would be provided at the ground level with access via separate one-way inbound and outbound driveways from the alley. A secondary driveway would access the parking on the ground level from the west side of Main Street, between 11th and 12th Streets, serving both residential and commercial retail uses, and it would connect to the parking on levels two through four and the one-way alley at the rear of the site. As part of the Project, the alley at the rear of the site would

be converted to one-way southbound operation. The location of the Project site is shown in Figure 1, Project Site Vicinity and Study Intersection Location Map.

This analysis was prepared in accordance with the assumptions, methodologies, and procedures outlined in the City of Los Angeles Department of Transportation ("LADOT") *Transportation Impact Study Guidelines* (December 2016). The analysis is also consistent with the guidelines in the Congestion Management Program (CMP) for Los Angeles County. The scope of work contained in this report was presented to and approved by the LADOT in a Transportation Impact Study Memorandum of Understanding (MOU), signed and approved on March 21, 2019 (Appendix E). The MOU outlined the preparation of a detailed analysis of existing (2019) and future (2026) traffic conditions, during the weekday AM and PM peak hours, at the seven signalized intersections near the Project site expected to experience the most substantial Project-related traffic impacts. The Project study area contains the following seven study intersections, which are also depicted in Figure 1:

Study Intersections

1. Broadway & Olympic Boulevard
2. Broadway & 11th Street
3. Main Street & 9th Street
4. Main Street & Olympic Boulevard
5. Main Street & 11th Street
6. Main Street & 12th Street
7. Main Street & Pico Boulevard

The following traffic conditions have been analyzed: Existing (2019) traffic volumes, Existing (2019) Plus Project traffic volumes, Future (2026) Without Project traffic volumes, and Future (2026) With Project traffic volumes. The analyses of future (2026)

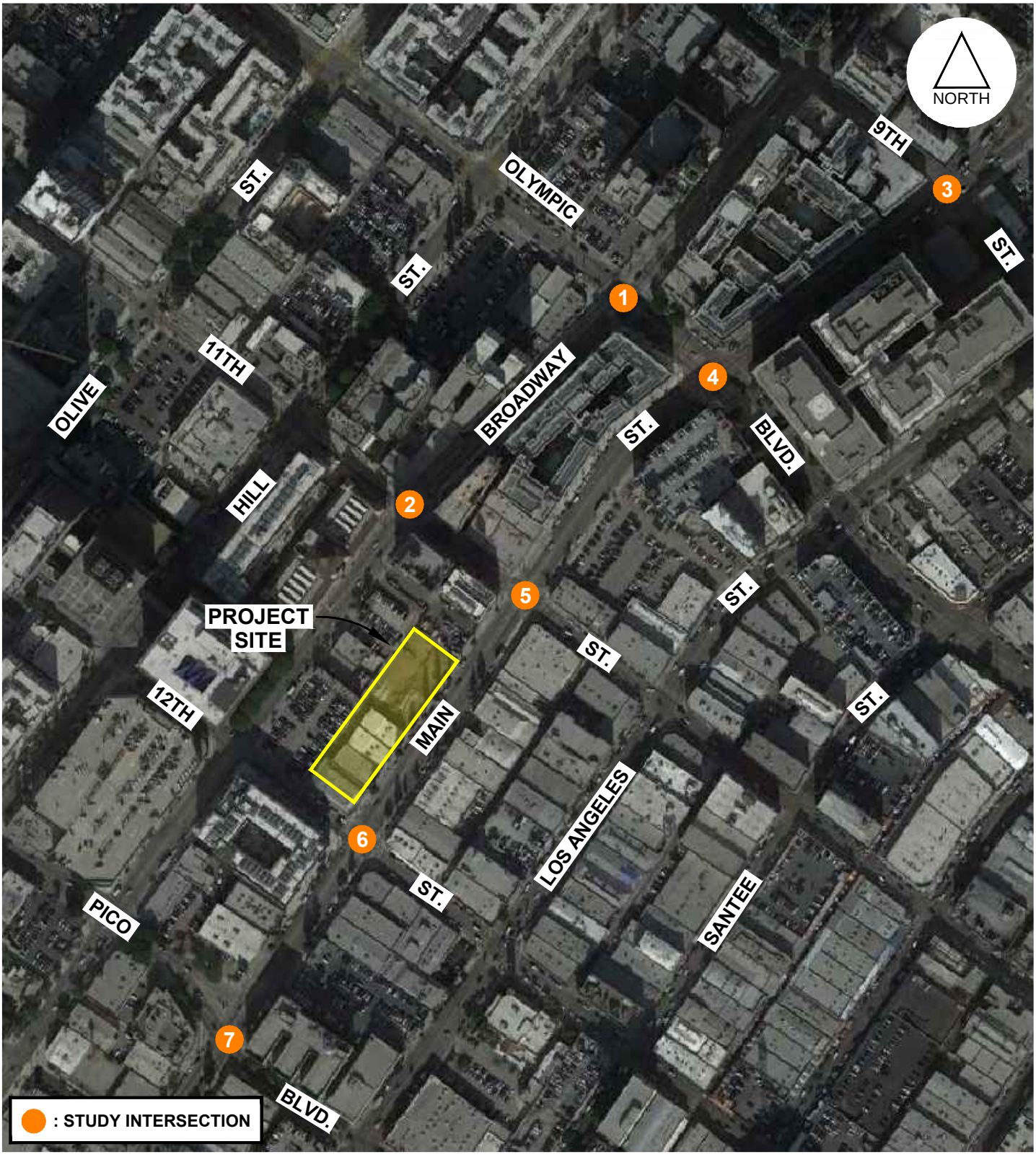


FIGURE 1

4/17/2019

MainStreetTower\STUDY-INTS

PROJECT SITE VICINITY AND STUDY INTERSECTIONS

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conditions included cumulative traffic attributable to ambient growth and related projects within the Project study area.

PROJECT DESCRIPTION

Under consideration is the Main Street Tower project (the "Project") to be located on an approximately 1.12-acre parcel at the northwest corner of the intersection of Main Street & 12th Street in the Central City Community Plan area of the City of Los Angeles (the "site"). The site is generally bounded by a parking lot to the north, 12th Street to the south, Main Street to the east, and a north-south alley to the west. The existing on-site uses consist of approximately 26,710 square feet of specialty retail businesses, mainly selling jewelry, cosmetics, handbags, and other fashion accessories. Occupancy records for the existing buildings are provided in Appendix A. This existing retail space would be removed in conjunction with development of the Project. The Project's proposed uses are divisible into two primary categories: residential and commercial retail. The residential component of the Project would consist of up to 363 residential dwelling units. The commercial component of the Project would consist of 12,500 square feet of floor area on the ground level.

As shown in Figure 2, Conceptual Project Site Plan, the Project would provide on-site parking on the ground floor and within levels two through four. Primary residential and commercial retail access/egress would be via the alley at the rear of the site. From the alley, a full-access driveway would provide a connection to the limited commercial retail parking on the ground level and the vast majority of the residential parking in the above-ground levels. ADA parking spaces would be provided at the ground level with access via separate one-way inbound and outbound driveways from the alley. A secondary driveway would access the parking on the ground level from the west side of Main Street, between 11th and 12th Streets, serving both residential and commercial uses, and it would connect to the parking on levels two through four and the one-way alley at the rear of the site. As part of the Project, the alley at the rear of the site would be converted to one-way southbound operation.

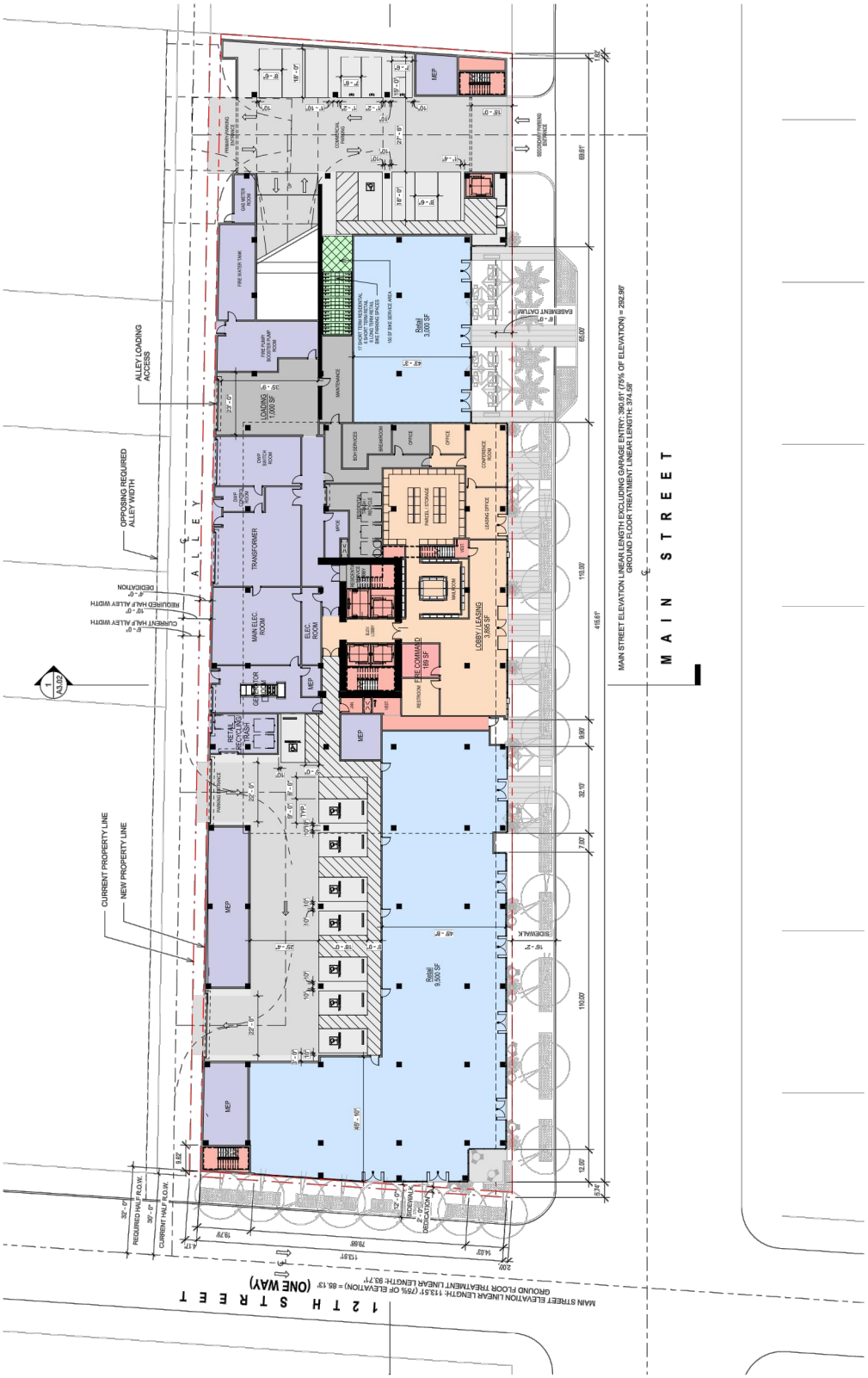


FIGURE 2

4/17/2019

MainStreetTower\SITE PLAN

CONCEPTUAL PROJECT SITE PLAN

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Approximately 355 parking spaces would be provided within levels two through four of the Project for the proposed residential uses. In addition, eight ADA parking spaces would be provided at the ground level for the proposed residential uses. The commercial retail uses would be provided with 10 parking spaces (including one ADA space) at the ground level. Therefore, the overall parking provided on-site would total 373 parking spaces. This parking supply would meet the requirements of the City of Los Angeles Municipal Code (LAMC).

The Project would take measures to align with the City's Vision Zero Los Angeles Initiative. Vision Zero was launched by Executive Order Number 10 in August 2015 with the goals of reducing traffic fatalities by 20 percent by 2017 and eliminating all traffic fatalities citywide by 2025. Vision Zero specifically seeks to implement traffic safety treatments at intersections and along roadway segments to improve safety for pedestrians, bicyclists, and other vulnerable road users. Development projects proposed on a roadway identified as part of the City's High Injury Network (HIN) should be designed to enhance safety. The Project is not located on a HIN roadway.

Although the Project is not located within the HIN, the Project would take measures to align with Vision Zero policies. The Project plans to provide 23 short-term and 172 long-term bicycle parking spaces, as well as a bicycle service area adjacent to a portion of the short- and long-term spaces on the ground floor, thereby incentivizing Project residents to travel via bicycle and creating a bicycle-friendly environment surrounding the Project. A portion of the short-term bicycle parking spaces and an enclosed retail patio area will be provided along the Project's Main Street frontage, adjacent to the proposed commercial retail space, thus enriching the existing pedestrian/bicyclist experience and activating the block as a pedestrian/bicyclist-safe environment.

The Project would also embrace the objectives of the City of Los Angeles Mobility Plan 2035, which includes the goals and policies of the City of Los Angeles 2010 Bicycle

Plan. The Mobility Plan 2035 aims to complete its proposed paths, protected cycle tracks, bicycle lanes, routes, and priority Neighborhood Enhanced Network roadway segments by 2035. The Project will not impede the Mobility Plan 2035 improvements which have already been realized, and the Project will support the implementation of future improvements. The Project site has been designed with consideration for the ultimate roadway and right-of-way dimensions for Main Street, 12th Street, and the alley, per the Mobility Plan 2035.

ENVIRONMENTAL SETTING

The Project is located at 1123-1161 S. Main Street. Situated within the Central City Community Plan area of the City, the Project site is generally bounded by a parking lot to the north, 12th Street to the south, Main Street to the east, and a north-south alley to the west.

The Project site is surrounded by a diverse urban area comprised of industrial, commercial, medical, government, institutional, residential, office, school, and retail land uses. The larger of these uses include the Herald Examiner Building, located to the northwest on Broadway and 11th Street, and the Los Angeles City Public Works Building, located to the west on Broadway and 12th Street. Educational institutions nearby include the Green Dot Public Schools and the Coast Career Institute.

The Project site and surrounding uses in the Central City Community Plan area are well-served by Freeways, Boulevards, Avenues, and Collector Streets. Freeways are located around the Project site and provide convenient access to the larger, regional roadway network. In the Project study area, Olympic Boulevard is classified as a Boulevard II between Broadway and Maple Avenue, per the City of Los Angeles Mobility Plan 2035. Pico Boulevard is designated as an Avenue I (between Flower Street and Broadway), while Olympic Boulevard (west of Broadway) and Main Street (south of 9th Street) are each classified as Modified Avenue I. Similarly, 9th Street is an Avenue II roadway (east of Main Street), while 9th Street (west of Olive Street) and Broadway are each designated as Modified Avenue II. There are two roadways in the study area which carry the Modified Avenue III designation: 9th Street (between Olive Street and Main Street) and Pico Boulevard (between Broadway and Main Street). In addition to these boulevards and avenues, the Project study area also encompasses two Modified Collector Streets (11th Street and 12th Street), as well as a Modified Local Street (Pico

Boulevard, east of Main Street). The Project study area transportation facilities, depicted previously in Figure 1, are described below in more detail.

Existing Freeways

Regional access to the Project vicinity is provided via multiple freeways, including the Harbor Freeway (State Route 110 [SR-110]), Hollywood Freeway (U.S. Highway 101 [US-101]), and Santa Monica Freeway (Interstate 10 [I-10]). These freeways all have interchanges with the surface street network in the greater Project vicinity. The following paragraphs describe each of these freeways in more detail. The annual average daily traffic (AADT) volumes provided are from the most current (2017) data available through the State of California Department of Transportation ("Caltrans") website.

The Harbor Freeway (SR-110) begins as Interstate 110 (I-110) in San Pedro to the south, becoming SR-110 as it passes through Downtown Los Angeles and continues northeasterly as the Arroyo Seco Parkway into the City of Pasadena. It provides access for the Project to the greater Los Angeles metropolitan area. The freeway is an eight- to ten-lane facility in the Project study area and has interchanges with the Hollywood Freeway and with the Santa Monica Freeway. South of Olympic Boulevard, the Harbor Freeway experiences AADT volumes of approximately 279,000 vehicles per day. A northbound on-ramp and southbound on- and off-ramps are provided on 11th Street, and northbound on- and off-ramps are provided on 9th Street. Several additional northbound and southbound, entering and exiting ramps are provided near 8th Street and 5th/6th Streets.

The Hollywood Freeway (US-101) is a north-south highway spanning the country's west coastline, beginning in the Seattle area of Washington State and terminating where it merges with the Golden State Freeway (Interstate 5 [I-5]) near the southeast corner of

Downtown Los Angeles. Near the Project site, the Hollywood Freeway generally provides four to five mixed-flow lanes in each direction, with AADT volumes of approximately 200,000 vehicles per day west of Los Angeles Street. The nearest eastbound on- and off-ramps on the Hollywood Freeway are provided on Broadway. Westbound on-ramp access is located on Los Angeles Street, with a westbound off-ramp connecting to Alameda Street. These ramps are all approximately 1.5 miles north of the Project site.

The Santa Monica Freeway (I-10) extends eastward from its origin in the City of Santa Monica, past the Project study area and across the country as a main southern east-west interstate. The Santa Monica Freeway is located approximately one-half mile south of the Project site and generally provides four to five mainline travel lanes per direction, with auxiliary lanes provided between certain ramp locations and at its interchange with the Harbor Freeway (SR-110). This freeway carries AADT volume of approximately 259,000 vehicles per day west of Los Angeles Street. The nearest westbound on-ramp is provided at the intersection of Grand Avenue & 17th Street, and westbound traffic can exit the freeway via an off-ramp to Los Angeles Street. Eastbound traffic can access the freeway via an on-ramp on Los Angeles Street and an off-ramp to Grand Avenue.

Existing Highways and Streets

9th Street is an east-west roadway located roughly 1,500 feet north of the Project site. In the Project vicinity, 9th Street is designated as a Modified Avenue II west of Olive Street, a Modified Avenue III between Olive Street and Main Street, and an Avenue II east of Main Street. 9th Street starts in Mid-Wilshire, runs discontinuously to roughly Crenshaw Boulevard, passes through Koreatown (sharing the more commonly used name, James M. Wood Boulevard), and travels through Downtown Los Angeles until it becomes Olympic Boulevard. From the Harbor Freeway (SR-110) to Santee Street, 9th

Street runs one-way, providing roughly two to three eastbound travel lanes with right- and left-turn channelization at many intersections. East of Santee Street, 9th Street usually features two travel lanes in each direction. Near the Project site, lanes on 9th Street are roughly nine to eleven feet wide. Parking is generally allowed on 9th Street.

11th Street is an east-west Modified Collector Street located less than 200 feet north of the Project site. 11th Street is disjoint near its western terminus in Koreatown, and stretches continuously between Hoover Street and San Pedro Street. This roadway generally features one travel lane in each direction, with limited left-turn channelization. As part of the MyFigueroa Streetscape Project (MyFig), six blocks of 11th Street between Figueroa and Broadway have been reduced from two westbound travel lanes to one westbound travel lane. This improvement accommodates vehicles and the future Los Angeles Streetcar, along with providing a one-way westbound bicycle facility with a painted buffer on the north side of the street, and on-street parking to be located on the south side of the street. A sharrow route is featured between Los Angeles Street and Figueroa Street.

12th Street is an east-west Modified Collector Street that forms the southern boundary of the Project site. The roadway runs discontinuously through the City from Cochran Avenue in the Mid-City neighborhood to its easterly terminus with Pico Boulevard in the Boyle Heights community. Near the Project site, 12th Street runs continuously between Figueroa Street and Hooper Avenue. Between Figueroa Street and Wall Street, 12th Street provides one-way eastbound travel, typically with two through lanes and occasional left- and right-turn channelization. Near the Project site, lanes on 12th Street range from approximately ten to twelve feet in width. Parking is generally allowed on both the north and south sides of 12th Street within the Project study area.

Broadway is a north-south Modified Avenue II within the Project study area, and is located approximately 150 feet west of the Project site. This roadway extends from

Montecito Heights through Chinatown, Downtown Los Angeles, Southeast Los Angeles, South Park, Harbor Gateway North, Willowbrook, and Carson, where it merges with Main Street. North of Downtown Los Angeles, Broadway generally features two through travel lanes in each direction, with a center two-way left-turn lane (TWLTL) in segments, along with left-turn channelization at major intersections. Within part of Downtown Los Angeles (between approximately 2nd Street and 11th Street), Broadway provides two northbound through travel lanes and one southbound through travel lane. South of Downtown Los Angeles, Broadway provides two through travel lanes in each direction, with left-turn channelization at most intersections and is intermittently separated by a TWLTL. On-street parking is permitted on most segments of Broadway outside of Downtown Los Angeles and is permitted intermittently on Broadway within Downtown Los Angeles. Near the Project site, most lanes on Broadway feature a width between roughly nine and twelve feet. Broadway features bicycle routes with shared-arrows (sharrows) through parts of Downtown Los Angeles. Broadway connects to the Hollywood Freeway (US-101) with a northbound on-ramp and a southbound off-ramp (at Aliso Street).

Main Street is a north-south roadway that forms the eastern boundary of the Project site. This roadway traverses continuously from Montecito Heights in the north to Wilmington in the south, passing through the communities of Chinatown, Downtown Los Angeles, South Los Angeles, Willowbrook, and Carson. Near the Project site, Main Street is designated as a Modified Avenue I. For the most part, Main Street offers two travel lanes in each direction with a TWLTL and left-turn channelization at select intersections. Near the Project site, there are two travel lanes in the northbound direction and one travel lane southbound. Near the Project site, the roadway maintains lane widths of roughly nine to eleven feet. Main Street becomes a one-way street between 9th Street and Alameda Street, typically providing three to four northbound

through lanes. Between 16th Street and Cesar E Chavez Avenue, Main Street features bicycle lanes, although these lanes are only provided for northbound bicycle traffic in some segments, mainly north of 9th Street. Near the Project site, on-street parking is generally allowed on most sections of Main Street.

Olympic Boulevard is an east-west roadway located approximately 800 feet north of the Project site. Near the Project site, Olympic Boulevard is designated as a Modified Avenue I west of Broadway, a Boulevard II between Broadway and Maple Avenue, and a Modified Avenue III east of Maple Avenue. This roadway extends from the Pacific Coast to just past Montebello Boulevard, with a discontinuous section in Downtown Los Angeles. This roadway is striped generally with two through travel lanes, left-turn channelization at most intersections, and right-turn channelization at select intersections. One notable exception to this striping configuration is between Maple Avenue and San Julian Street, where Olympic Boulevard typically features one through travel lane in each direction, with left-turn channelization. Near the Project site, lanes typically feature widths between nine and ten feet. Within the Project vicinity, Olympic Boulevard generally allows limited on street parking, with tow-away restrictions during peak hours to increase roadway vehicular capacity.

Pico Boulevard is an east-west roadway located approximately 500 feet south of the Project site. This roadway extends from the Fashion District near Downtown Los Angeles, through Pico Union, Mid-City, Pico-Robertson, Century City, Rancho Park, West Los Angeles, and the City of Santa Monica, before reaching its western terminus near the Pacific Ocean. In the Project vicinity, Pico Boulevard is designated as an Avenue I west of Broadway, a Modified Avenue III between Broadway and Main Street, and a Modified Local Street east of Main Street. In the Project study area, the roadway generally provides one to two travel lanes per direction, and right- and left-turn channelization at major intersections. Near the Project site, lanes on Pico Boulevard

range from approximately nine to twelve feet wide. On-street parking is generally permitted along Pico Boulevard, however many segments have tow-away parking restrictions during peak periods to increase roadway vehicular capacity.

Existing (2019) Traffic Volumes

Traffic volumes for existing conditions were obtained from manual traffic counts conducted between 2016 and 2019 at the study area intersections. Due to ongoing construction in the direct Project vicinity, it was necessary to obtain traffic counts unaffected by construction in order to represent typical weekday conditions. Current traffic counts unaffected by ongoing construction could not be obtained for the intersections of Broadway & Olympic Boulevard and Broadway & 11th Street.

Thus, traffic counts conducted in 2016 for these two intersections were taken from previous project transportation impact studies prepared for the LADOT. Although these traffic counts are more than two years old, they represent typical traffic conditions for their year of collection. In accordance with the LADOT *Transportation Impact Study Guidelines* (December 2016), the remaining five intersection traffic counts for this study were completed in January 2019 on a typical weekday during the morning and afternoon peak commute periods, which range from 7:00 to 10:00 AM and 3:00 to 6:00 PM, respectively.

Peak-hour volumes were determined individually for each intersection based on the highest-volume four consecutive 15-minute periods for all vehicular movements. In order to account for potential increases in traffic volumes between the count dates in 2016 and the existing analysis year of 2019, the historical traffic counts were factored upward by 1.0 percent compounded annually in order to develop 2019 traffic volumes. This growth rate has been determined by LADOT to be appropriate for recent growth in Downtown Los Angeles.

The Existing (2019) AM and PM peak-hour volumes at the study intersections are illustrated in Figures 3(a) and 3(b), respectively. The intersection count data sheets are provided in Appendix B.

Information pertaining to intersection characteristics, such as geometrics, traffic signal operations, and on-street parking restrictions were obtained from field checks and City engineering plans. The existing lane configurations and traffic control conditions for the study intersections are illustrated in Appendix C.

Existing Public Transportation

The roadways adjacent to the Project site are served by several bus lines managed by multiple transit operators that include the Los Angeles County Metropolitan Transportation Authority ("Metro"), LADOT DASH and Commuter Express, Santa Monica Big Blue Bus ("BBB"), City of Gardena ("GTrans"), and Montebello Bus Lines. The Project site's proximity to the Pico Rail Station, approximately one-half mile west, and the 7th Street / Metro Center Station, less than one mile northwest, provides opportunities to access other Metro rail services, Amtrak, Metrolink, and numerous bus routes served by Metro, LADOT, and other municipal bus operators. The bus lines within a "reasonable walking distance" (approximately one-quarter mile) of the Project site are shown in Figure 4 and described below.

Metro

Lines 2 and 302 provide east-west service between Downtown Los Angeles, Echo Park, Silver Lake, Hollywood, West Hollywood, Beverly Hills, and Westwood. Lines 2 and 302 follow the same route, but Line 302 makes limited stops in the middle of the route, providing faster service. The nearest westbound stop for both lines is located at the intersection of Broadway & 12th Street. Eastbound passengers can board both lines near the corner of Hill Street & 12th Street. Line 2 operates daily

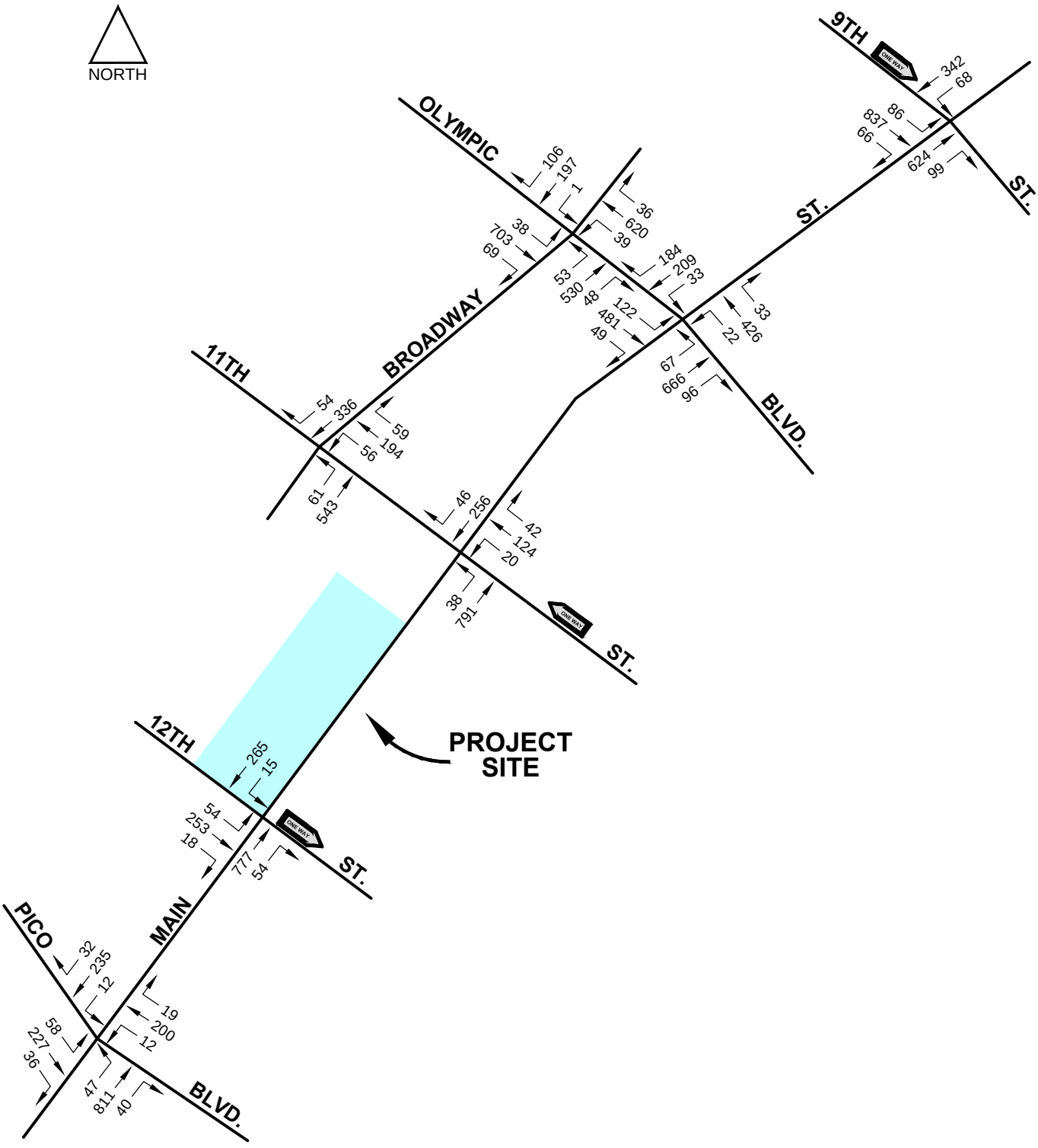


FIGURE 3(a)

4/17/2019

MainStreetTower\AM2019

EXISTING (2019) TRAFFIC VOLUMES
AM PEAK HOUR

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
300 Corporate Pointe, Suite 470
Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
www.crainandassociates.com

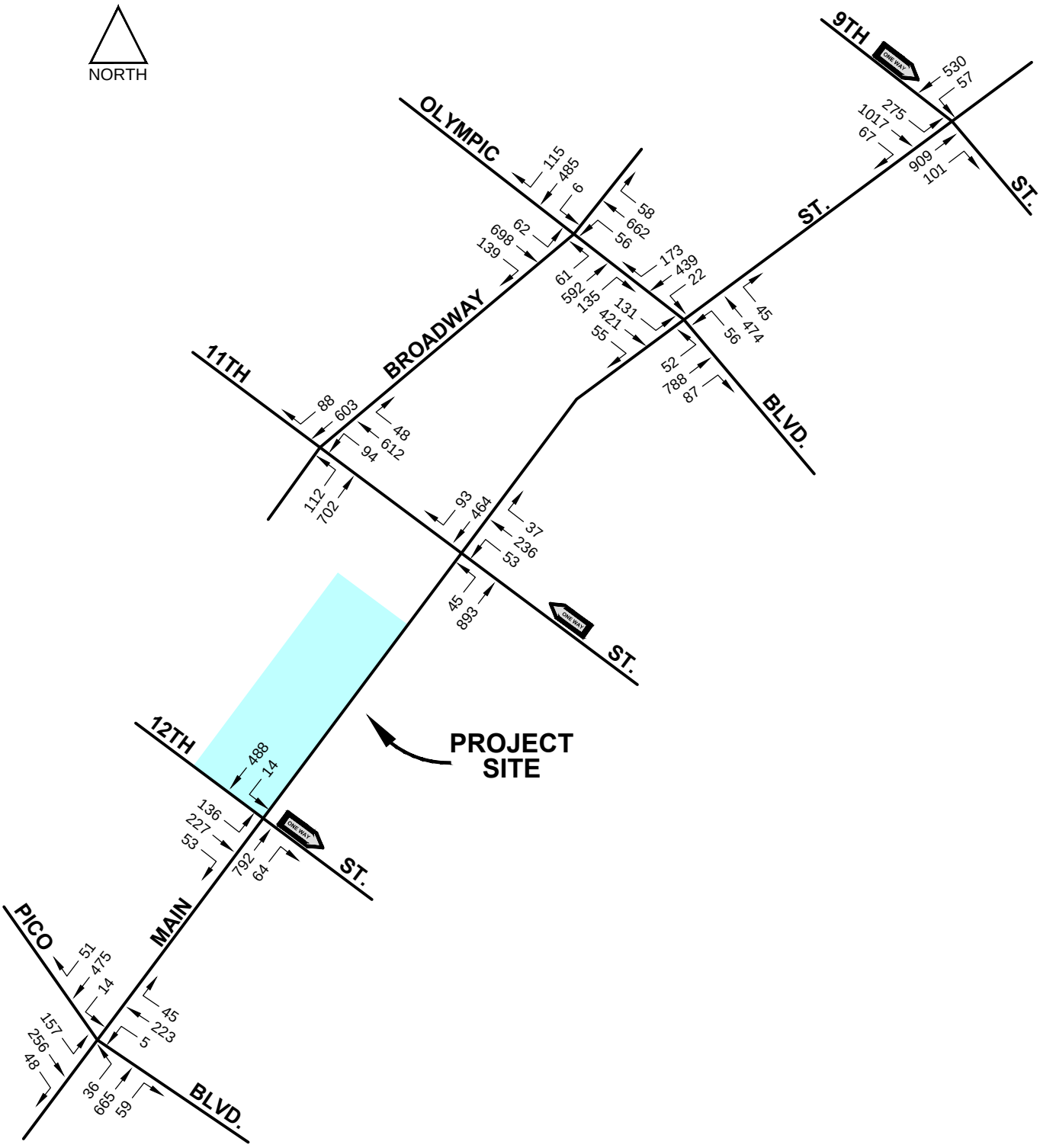


FIGURE 3(b)

4/17/2019

MainStreetTower\PM2019

EXISTING (2019) TRAFFIC VOLUMES
PM PEAK HOUR

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Transportation Planning
Traffic Engineering
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Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
www.crainandassociates.com

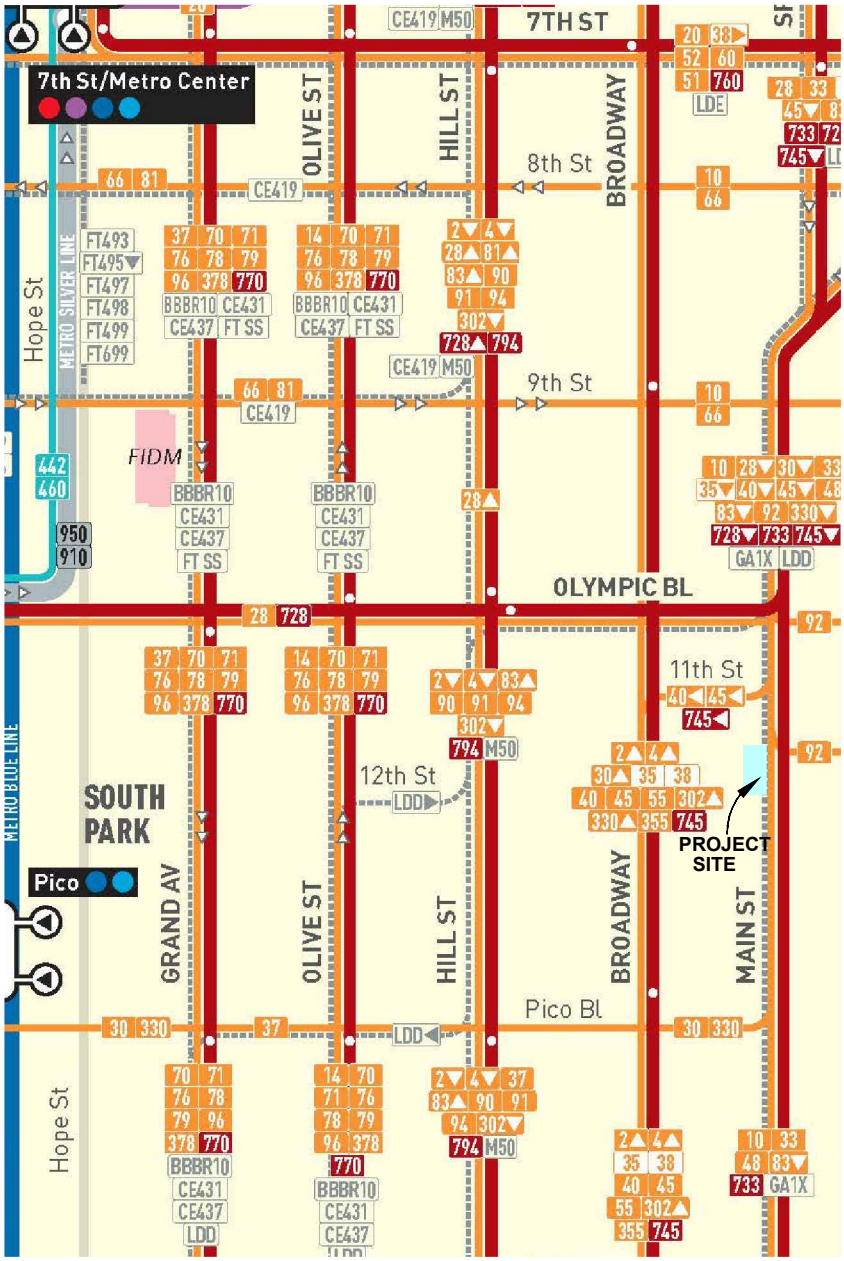


FIGURE 4

4/18/2019

MainStreetTower\TRANSIT

PROJECT AREA TRANSIT ROUTES

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Transportation Planning
Traffic Engineering
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Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
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with headways of approximately 5 to 15 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 13 to 60 minutes. Line 302 operates weekdays only, with headways of approximately 20 to 40 minutes during AM and PM peak hours.

Line 4 traverses east-west from West Los Angeles to Downtown Los Angeles via Santa Monica Boulevard and Sunset Boulevard. While most service on this route ends in West Los Angeles at the San Diego Freeway (I-405), coverage extends west to Downtown Santa Monica during the early morning, evening, and late-night periods. Near the Project site, Line 4 stops in the westbound direction near the intersection of Broadway & 12th Street and in the eastbound direction near the intersection of Hill Street & Olympic Boulevard. Line 4 runs daily, with weekday AM and PM peak-hour headways of approximately 9 to 12 minutes. Saturday service is provided roughly every 10 to 15 minutes. Buses run on Sundays and holidays with approximately 12- to 30-minute headways.

Line 10 travels east-west between Downtown Los Angeles and West Hollywood, mostly along Melrose Avenue and Temple Street. Near the Project site, Line 10 stops in both eastbound and westbound directions near the intersection of Main Street & 11th Street, and eastbound at the intersection of Main Street & 12th Street. Line 10 operates daily, with AM and PM peak-hour headways of approximately 8 to 15 minutes. Weekend service is provided at roughly 20- to 30-minute headways.

Line 14 provides east-west service, traveling between Downtown Los Angeles, Westlake, Rampart Village, Larchmont Village, Fairfax, and Beverly Hills mainly via Beverly Boulevard. Near the Project Site, westbound buses stop near the intersection of Olive Street & Pico Boulevard and eastbound buses stop near the intersection of Hill Street & Pico Boulevard. Line 14 operates daily, with headways of approximately 5 to 8 minutes during the weekday AM and PM peak hours.

Saturday, Sunday, and holiday service operates with headways of approximately 15 to 30 minutes.

Line 28 provides east-west service, traveling between Eagle Rock, Glassell Park, Downtown Los Angeles, Koreatown, Beverly Hills, and Century City, mostly via Olympic Boulevard and Eagle Rock Boulevard. Near the Project Site, both eastbound and westbound bus stops are located near the intersection of Hill Street & Olympic Boulevard. Line 28 operates daily, with headways of approximately 6 to 15 minutes during weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 10 to 15 minutes.

Lines 30 and 330 provide east-west service between East Los Angeles, Boyle Heights, Downtown Los Angeles, Mid-City, Beverly Grove, and the Sunset Strip in West Hollywood. Lines 30 and 330 follow the same route from West Hollywood through Downtown Los Angeles, but Line 330 terminates in Downtown Los Angeles and makes limited stops in the middle of the route, providing faster service. The nearest eastbound stop for both lines is located near the intersection of Broadway & 12th Street. Westbound passengers can board both lines near the corner of Main Street & 12th Street. Line 30 operates daily with headways of approximately 6 to 12 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 8 to 15 minutes. Line 330 operates weekdays only, with headways of approximately 20 to 30 minutes during the AM and PM peak hours.

Line 33 provides east-west service between Downtown Los Angeles, Culver City, Venice, and Santa Monica via Venice Boulevard. Near the Project site, Line 33 stops in both directions near the corner of Main Street & 11th Street. Line 33 operates daily with headways of approximately 6 to 15 minutes during the weekday

AM and PM peak hours. Saturday, Sunday, and holiday service is provided with roughly 15- to 25-minute headways.

Line 35 travels east-west, primarily along Washington Boulevard, connecting Downtown Los Angeles, Pico Union, Mid-City, and eastern Culver City. Service on Line 35 typically terminates near the corner of Broadway & Venice Boulevard, just over one-quarter mile south of the Project site and outside the abovementioned "reasonable walking distance." Limited late-night service stops near the Project site, with eastbound and westbound service provided near the intersection of Broadway & 12th Street. Line 35 operates on roughly 12-minute headways during the weekday AM and PM peak hours; however, no peak-hour service passes directly by the Project site. Saturday service is offered approximately every 15 minutes. Buses on Sundays and holidays arrive with roughly 20-minute frequency. For all days of service, Line 35 directly passes near the Project site only after 7:00 PM.

Line 37 provides east-west service between Downtown Los Angeles, University Park, Jefferson, and eastern Culver City generally via Adams Boulevard. Near the Project Site, westbound Line 37 buses stop near the corner of Grand Avenue & 11th Street, slightly outside the "reasonable walking distance" of one-quarter mile. To continue further into Downtown Los Angeles, a transfer is required to Line 14, which has a bus stop near the intersection of Olive Street & 11th Street. Line 37 operates daily, with headways of approximately 5 to 8 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 15 to 30 minutes.

Line 38 traverses east-west, mainly via Jefferson Boulevard, from Downtown Los Angeles to University of Southern California, Jefferson Park, and eastern Culver City. Most service on Line 38 terminates at Broadway & Venice Boulevard,

approximately one-half mile south of the Project site, outside of the abovementioned “reasonable walking distance.” Late-night routes, however, extend northbound, passing near the Project site. Westbound and eastbound bus stops are provided near the intersection of Broadway & 12th Street. Line 38 operates daily on roughly 12- to 24-minute headways during weekday AM and PM peak hours; however, no peak-hour service passes directly by the Project site. Saturday service is offered approximately every 30 minutes. Buses on Sundays and holidays arrive with roughly 40-minute frequency. For all days of service, Line 38 only directly passes near the Project site after 9:00 PM.

Line 40 operates north-south local service connecting Chinatown, Downtown Los Angeles, Leimert Park, Inglewood, Hawthorne, and Redondo Beach. Late-night service on Line 40 also connects to the Los Angeles International Airport Bus Center. Near the Project site, service in both directions is provided at stops near the intersection of Broadway & 12th Street. Line 40 runs on approximate headways of 7 to 12 minutes during the weekday AM and PM peak hours. Weekend and holiday service is provided on roughly 15-minute intervals.

Line 45 provides north-south service between Lincoln Heights, Downtown Los Angeles, South Los Angeles, and Rosewood. Near the Project site, northbound and southbound bus stops can be accessed near the corner of Broadway & 12th Street. Line 45 operates daily, with headways of approximately 4 to 8 minutes during weekday AM and PM peak hours. Saturday service is provided approximately every 8 to 15 minutes. Sunday and holiday service operates on headways of approximately 10 to 15 minutes.

Line 48 travels north-south between Downtown Los Angeles, South Los Angeles, and Willowbrook, mainly via San Pedro Street and Main Street. Near the Project site, service in the southbound direction stops near the intersection of Main Street &

12th Street. The northbound direction of Line 48 terminates at Main Street & Venice Boulevard, and a transfer is required to Line 10 to continue northbound into Downtown Los Angeles. Line 48 operates on approximate headways of 8 to 15 minutes during the weekday AM and PM peak hours. Saturday service runs on roughly 20-minute frequencies. Sunday and holiday service is provided approximately every 30 to 40 minutes.

Lines 55 and 355 provide north-south service between Downtown Los Angeles, Southeast Los Angeles, Watts, and Willowbrook, generally via Compton Avenue. Lines 55 and 355 follow the same route, but Line 355 makes limited stops in the middle of the route, providing faster service. Near the Project site, both lines feature stops in both directions near the intersection of Main Street & 11th Street for northbound travel and near the intersection of Main Street & 12th Street for southbound travel. Line 55 operates daily with headways of approximately 8 to 15 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 12 to 23 minutes. Line 355 operates weekdays only, with headways of approximately 8 to 60 minutes during AM and PM peak hours.

Line 66 provides east-west service between Montebello, East Los Angeles, Downtown Los Angeles, Koreatown, and Wilshire Center, via 8th Street and Olympic Boulevard. Near the Project site, eastbound service stops near the intersection of Main Street & 9th Street. Westbound service stops near the intersection of Spring Street & 8th Street, which is outside of the one-quarter mile "reasonable walking distance." Line 66 operates daily, with headways of approximately 3 to 12 minutes during the weekday AM and PM peak hours. Saturday service is provided approximately every 5 to 14 minutes. Sunday and holiday service operates on headways of approximately 20 minutes.

Line 70 provides east-west service between El Monte, Monterey Park, East Los Angeles, and Downtown Los Angeles. Near the Project site, eastbound service stops near the intersection of Olive Street & 11th Street. Westbound service stops near the intersection of Grand Avenue & 11th Street, slightly outside of the one-quarter mile "reasonable walking distance." Line 70 operates daily, with headways of approximately 10 to 15 minutes during the weekday AM and PM peak hours. Saturday service is provided approximately every 16 minutes. Sunday and holiday service operates on headways of approximately 12 to 15 minutes.

Line 71 provides east-west service between the California State University Los Angeles Station, City Terrace, Chinatown, and Downtown Los Angeles. Near the Project site, eastbound service stops near the intersection of Olive Street & 11th Street. Westbound service stops near the intersection of Grand Avenue & 11th Street, slightly outside of the one-quarter mile "reasonable walking distance." Line 71 operates daily, with headways of approximately 15 to 35 minutes during weekday AM and PM peak hours. Saturday, Sunday, and holiday service is provided approximately every 60 minutes.

Line 76 provides east-west service between El Monte, Rosemead, Alhambra, and Downtown Los Angeles mainly via Valley Boulevard. Near the Project site, eastbound service stops near the intersection of Olive Street & 11th Street. Westbound service stops near the intersection of Grand Avenue & 11th Street, just outside of the one-quarter mile "reasonable walking distance." Line 76 operates daily, with headways of approximately 12 to 15 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 15 to 20 minutes.

Lines 78, 79, and 378 provide east-west service between the Arcadia, Alhambra, El Sereno, and Downtown Los Angeles. Lines 78 and 378 follow the same route, with

an eastern terminus in South Arcadia. Line 79 follows the same route as Lines 78 and 378 from Downtown Los Angeles to South Pasadena, but then veers north as it approaches South Pasadena. Line 378 makes limited stops in the middle of its route, providing faster service than Line 78. Near the Project site, all three lines follow the same route and provide an eastbound stop near the intersection of Olive Street & 11th Street. Westbound service stops near the intersection of Grand Avenue & 11th Street, slightly outside of the one-quarter mile "reasonable walking distance." Line 78 operates daily, with headways of approximately 6 to 20 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service is provided approximately every 14 to 30 minutes. Line 79 operates daily, with headways of approximately 15 to 30 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service is provided approximately every 15 to 20 minutes. Line 378 operates on weekdays only, with headways of approximately 11 to 28 minutes during the AM and PM peak hours.

Line 83 provides north-south service between Eagle Rock, Highland Park, Cypress Park, and Downtown Los Angeles. Near the Project site, southbound service stops near the intersection of Main Street & 11th Street, and northbound service stops near the intersection of Hill Street & 12th Street. Line 83 operates daily, with headways of approximately 20 to 30 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 30 minutes.

Lines 90 and 91 provide north-south service between San Fernando, La Crescenta, Glendale, and Downtown Los Angeles, mainly via Foothill Boulevard and Glendale Avenue. Line 90 provides service between San Fernando and Downtown Los Angeles. Line 91 follows the same route, but it truncates service at its northern terminus in Sunland. Passengers can board both lines in either direction near the

intersection of Hill Street & 12th Street. Line 90 operates daily with headways of approximately 12 to 30 minutes during the weekday AM and PM peak hours. Line 91 operates daily with headways of approximately 30 to 50 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service is provided approximately every 60 minutes per line.

Line 92 runs north-south, serving Sylmar, Sun Valley, Burbank, Glendale, Echo Park, and Downtown Los Angeles. The southern terminus of Line 92 is located near the Project site on Main Street at Olympic Boulevard. Near this intersection, passengers can board northbound service and alight southbound service. Line 92 operates on weekday with headways of approximately 16 to 20 minutes during the AM and PM peak hours. Saturday service is provided roughly every 26 to 30 minutes, and Sunday and holiday service runs approximately every 40 minutes.

Lines 94 is a north-south oriented route which operates between Sylmar, Burbank, Glendale, and Downtown Los Angeles via San Fernando Road and Hill Street. Near the Project site, Line 94 provides stops in both directions near the intersection of Hill Street & 12th Street. Line 94 operates daily, with headways of approximately 15 to 20 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service is provided approximately every 20 minutes.

Line 96 provides north-south service between Burbank, Griffith Park, Chinatown, and Downtown Los Angeles. Near the Project site, northbound service stops near the intersection of Olive Street & 11th Street. Southbound service stops near the intersection of Grand Avenue & 11th Street, slightly outside of the one-quarter mile "reasonable walking distance." Line 96 operates daily, with headways of approximately 30 to 35 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service operates on headways of approximately 50 to 60 minutes.

Line 728 provides east-west service between Union Station, Downtown Los Angeles, Koreatown, Miracle Mile, Beverly Hills, and Century City. Line 728 is part of the greater Metro Rapid Program, which uses a bus signal priority system in combination with frequent stops limited to major intersections in order to minimize travel time. Near the Project site, Line 728 provides stops in both directions near the intersection of Hill Street & Olympic Boulevard, which is slightly outside of the one-quarter mile "reasonable walking distance." Line 728 operates on weekdays with headways of approximately 10 to 15 minutes during the AM and PM peak hours. Line 728 does not provide service on Saturdays, Sundays, or holidays.

Line 733 provides east-west service between Downtown Los Angeles, Culver City, Venice, and Santa Monica via Venice Boulevard. Line 733 follows the same route as Line 33, but Line 733 is a Metro Rapid Line that uses a bus signal priority system in combination with frequent stops limited to major intersections in order to minimize travel time. Near the Project site, Line 733 provides stops in both directions near the intersection of Main Street & 11th Street. Line 733 operates daily, with headways of approximately 10 to 15 minutes during the weekday AM and PM peak hours. Saturday, Sunday, and holiday service is provided with approximately 20- to 25-minute headways.

Line 745 provides north-south service between Los Angeles Union Station, Chinatown, Downtown Los Angeles, and South Los Angeles, terminating at the Harbor Freeway Green Line Light Rail Station. Line 745 is a Metro Rapid Line, with limited stops reserved for major intersections. In the Project vicinity, the nearest northbound and southbound bus stops are located near the corner of Broadway & Pico Boulevard. Line 745 operates daily with headways of approximately 5 to 13 minutes during the weekday AM and PM peak hours. Saturday service is offered approximately every 12 to 20 minutes. Line 745 operates on Sundays and holidays with headways of approximately 25 to 30 minutes.

Line 770 provides east-west service between Downtown Los Angeles, Chinatown, Boyle Heights, Monterey Park, and El Monte, terminating at the El Monte Station. Line 770 is a Metro Rapid Line, with limited stops reserved for major intersections. Near the Project site, northbound service stops near the intersection of Olive Street & Pico Boulevard. Southbound service stops near the intersection of Grand Avenue & Pico Boulevard. Both bus stops are located slightly outside of the one-quarter mile "reasonable walking distance." Line 770 operates with headways of approximately 10 to 15 minutes during the weekday AM and PM peak hours. Saturday service is offered approximately every 20 minutes. Line 770 does not provide service on Sundays or holidays.

Line 794 is a north-south oriented route which operates between San Fernando, Burbank, Glendale, and Downtown Los Angeles via San Fernando Road and Hill Street. Line 794 follows the same route as Line 94, but as a Metro Rapid Line, stops are limited to major intersections in order to minimize travel time. Near the Project site, Line 794 provides northbound and southbound stops near the intersection of Hill Street and Pico Boulevard. Line 794 operates on weekdays, with headways of approximately 15 to 20 minutes during the AM and PM peak hours. Line 794 does not offer service on Saturdays, Sundays, or holidays.

LADOT

Commuter Express 409 provides north-south express service between Sunland, Tujunga, La Crescenta, La Canada, Glendale, and Downtown Los Angeles. Limited service extends farther north to Sylmar. The southern terminus of Commuter Express 409 is located near the Project site. Passengers can board northbound buses and alight southbound buses from the end of the line, near the corner of Hill Street & 12th Street. Commuter Express 409 offers southbound service in the morning and northbound service in the evening. Service operates

weekdays only, with headways of approximately 10 to 20 minutes during the AM and PM peak hours.

Commuter Express 431 is an east-west commuter express line that runs between the communities of Westwood, Rancho Park, Palms, Downtown Los Angeles, and Union Station. The main portion of the route operates along the Santa Monica Freeway (I-10), Venice Boulevard, Grand Avenue, Olive Street, and Temple Street. Within the vicinity of the Project site, eastbound service stops near the intersection of Olive Street & 12th Street. Westbound service stops near the intersection of Grand Avenue & Pico Boulevard, outside of the one-quarter mile "reasonable walking distance." Commuter Express 431 offers eastbound service in the morning and westbound service in the evening. Commuter Express 431 operates on weekdays, with AM and PM peak-hour headways of approximately 25 to 35 minutes. This line does not operate on weekends and holidays.

Commuter Express 437 is an east-west commuter express line that runs between the communities of Venice, Marina Del Rey, Mar Vista, Culver City, and Downtown Los Angeles. The main portion of the route operates along Culver Boulevard, the Santa Monica Freeway (I-10), Grand Avenue, Olive Street, and Temple Street. Within the Project vicinity, eastbound service stops near the intersection of Olive Street & 12th Street. Westbound service stops near the intersection of Grand Avenue & Pico Boulevard, outside of the one-quarter mile "reasonable walking distance." This commuter line operates on weekdays with AM peak-period service from Venice to Downtown with headways of approximately 15 to 24 minutes, and PM peak-period service from Downtown to Venice with headways of approximately 15 to 55 minutes. Commuter Express 437 does not operate on weekends and holidays.

DASH Downtown D runs north-south between Union Station and Los Angeles Trade Technical College, via Downtown Los Angeles. In the Project vicinity, DASH Downtown D stops in both directions near the intersection of Hill Street & 12th Street. DASH Downtown D operates weekdays only, with approximate 5-minute headways during the AM and PM peak hours.

DASH Downtown E provides north-south service, between Westlake, Downtown Los Angeles, and the Fashion District. In the Project vicinity, DASH Downtown E stops in both directions near the intersection of Los Angeles Street & 12th Street. DASH Downtown E operates with headways of approximately 5 minutes during the weekday AM and PM peak hours. Saturday service is provided approximately every 10 minutes. Sunday service operates on headways of approximately 15 minutes. There is no holiday service.

GTrans

Line 1X runs from Redondo Beach to Downtown Los Angeles and travels through the communities of Hawthorne, Torrance, and Gardena. This line is an express route, which runs nonstop via the Harbor Freeway (I-110) between Gardena and Downtown Los Angeles. Near the Project site, service in both directions stops near the intersection of Main Street & 11th Street. Line 1X primarily operates on weekdays, with limited service on weekends that terminates at the Harbor Gateway Transit Center and does not continue to Downtown Los Angeles. Service on Line 1X runs on approximately 30- to 40-minute headways during the weekday AM and PM peak hours. Weekend and holiday service operates on 45-minute headways, and does not run near the Project site.

Santa Monica BBB

Rapid 10 provides express service between Santa Monica and Union Station. Near the Project site, Rapid 10 stops near the intersection of Olive Street & Olympic Boulevard, with drop-off-only eastbound service. Drop-off only eastbound service is provided near Olive Street & Pico Boulevard during the AM peak hour. Pick-up-only westbound service is provided near the corner of Grand Avenue & Pico Boulevard during the PM peak hour. Both bus stop locations are slightly outside the one-quarter mile "reasonable walking distance," as described above. Rapid 10 operates only during the weekday AM and PM peak hours, with headways of 30 minutes. Rapid 10 does not operate on weekends and holidays.

Montebello Bus Line

Line 50 provides east-west service between La Mirada, Whittier, Pico Rivera, Commerce, Boyle Heights, and Downtown Los Angeles via Washington Boulevard and Hill Street. Near the Project site, bus stops are located at the intersection of Hill Street & 12th Street for eastbound and westbound directions of travel. Line 50 operates during the weekday AM and PM peak hours with headways of approximately 25 to 45 minutes. Saturday and holiday service is provided approximately every 60 minutes. There is no service on Sundays.

As evidenced by the above information, the Project site and surrounding area are well served by public transit. When transfer opportunities are considered, the site is very accessible to and from the greater Los Angeles region via public transit. Thus, it is expected that some of the person trips generated by the Project would utilize public transit as the primary travel mode instead of private vehicles.

Analysis of Existing (2019) Traffic Conditions

The seven study intersections listed below were analyzed for existing traffic conditions. All of these intersections are signalized. They were selected in consultation with the LADOT for the analysis of potential Project traffic impacts. Per current LADOT policy, when determining which intersections should be included in the impact analysis for development projects, only signalized locations should be included. Unsignalized intersections should be evaluated solely to determine the need for the installation of a traffic signal or other traffic control devices, but will not be included in the impact analysis. The existing peak-hour traffic volumes for these intersections were discussed previously and presented in Figures 3(a) and 3(b). These volumes, along with information pertaining to intersection geometrics, traffic signal operations, and on-street parking restrictions were analyzed using established traffic engineering techniques.

1. Broadway & Olympic Boulevard
2. Broadway & 11th Street
3. Main Street & 9th Street
4. Main Street & Olympic Boulevard
5. Main Street & 11th Street
6. Main Street & 12th Street
7. Main Street & Pico Boulevard

The LADOT *Transportation Impact Study Guidelines* (December 2016) require the use of the Critical Movement Analysis (CMA) methodology to analyze signalized intersections for land use development projects. This methodology is based on procedures outlined in the Transportation Research Board Circular 212, Interim Materials on Highway Capacity. Using the CMA procedures, a determination can be made of the operating characteristics of an intersection in terms of the Level of Service

for different levels of traffic volume and other variables, such as critical signal phases and the number and type of traffic lanes.

The term “Level of Service” (LOS) describes the quality of traffic flow. LOS A through C are indicative of excellent-to-good traffic flow conditions. LOS D corresponds with fair conditions that may experience substantial delay during portions of the peak hours, but without excessive backups. LOS E represents poor conditions, with volumes at or near the capacity of the intersection and long lines of vehicles that may have to wait through several signal cycles. LOS F is characteristic of failure (i.e., the intersection is overloaded, vehicular movements may be restricted or prevented, and delays and queue lengths become increasingly longer).

A determination of the LOS at an intersection can be obtained through a summation of the critical movement volumes, on a per lane basis, at that intersection. Critical movement volumes are the highest total conflicting traffic volumes for each signal phase. Once the sum of the critical movement volumes has been obtained, the values in Table 1 can be used to determine the appropriate LOS.

Table 1
Critical Movement Volume Ranges*
For Determining Levels of Service (LOS)

	Maximum Sum of Critical Volumes (Vehicles/Hour)		
LOS	**Two Phases**	**Three Phases**	**Four or More Phases**
A	900	855	825
B	1,050	1,000	965
C	1,200	1,140	1,100
D	1,350	1,275	1,225
E	1,500	1,425	1,375
F	----------Not Applicable----------		

* For planning applications only.

Capacity is the total maximum hourly volume of vehicles in the intersection critical lanes that has a reasonable expectation of passing through the intersection under the prevailing roadway and traffic conditions. For planning purposes, the capacity for signalized intersections equates to the maximum critical movement value at LOS E, as indicated in Table 1.

The CMA volume-to-capacity (V/C) ratios used in this study were calculated by dividing the sum of the critical movement volumes by the appropriate capacity value for the type of signal control present or proposed at the subject intersections. A description of the different LOS and their corresponding V/C values is shown in Table 2.

Table 2
Level of Service (LOS)
As a Function of V/C Ratios

LOS	Range of V/C Ratios
A	0.000 - 0.600
B	0.601 - 0.700
C	0.701 - 0.800
D	0.801 - 0.900
E	0.901 - 1.000
F	≥ 1.001

Applying this analysis procedure, the V/C ratio and corresponding LOS can be calculated for each study intersection for Existing (2019) traffic conditions. These standard CMA calculations are also adjusted to account for signal enhancements not considered in the CMA methodology, including the effects of intersections currently operating under the City's Automated Traffic Surveillance and Control (ATSAC) system or the upgraded Adaptive Traffic Control System (ATCS). ATSAC/ATCS is a highly sophisticated computerized system that continually monitors traffic demand at signalized intersections within the system and modifies signal timing in real time to maximize capacity and decrease overall delay.

The ATSAC system has been recognized to increase intersection capacity by approximately seven percent. The upgrade to ATCS is able to increase capacity by an additional three percent, resulting in a total 10 percent increase in intersection capacity. Therefore, per LADOT policy, the standard V/C ratios were decreased by 0.070 where only the ATSAC system is in effect and by 0.100 where the combined ATSAC/ATCS is in effect. Per discussions with LADOT staff, five study intersections currently operate under the combined ATSAC/ATCS system (Broadway & Olympic Boulevard, Main Street & 9th Street, Main Street & Olympic Boulevard, Main Street & 11th Street, and Main Street & 12th Street). The remaining two study intersections (Broadway & 11th Street and Main Street & Pico Boulevard) currently operate under only the ATSAC system. Existing (2019) and Future (2026) ATSAC and ATCS conditions are displayed graphically for the study intersections in Appendix C.

The analyses of Existing (2019) AM and PM peak-hour conditions at the study intersections are summarized in Table 3. As shown in Table 3, all seven study intersections currently operate at LOS A during both peak hours, except for the intersection of Broadway & 11th Street. That intersection operates at LOS A during the AM peak hour and LOS D during the PM peak hour. All CMA/LOS calculations were performed using the standard LADOT LOS Worksheet. The CMA/LOS calculation worksheets for the seven study intersections are included in Appendix D.

Table 3
Critical Movement Analysis (CMA) & Level of Service (LOS) Summary Existing (2019) Traffic Conditions

No.	Intersection	Peak Hour	V/C Ratio	LOS
1	Broadway &	AM	0.396	A
	Olympic Boulevard	PM	0.585	A
2	Broadway &	AM	0.360	A
	11th Street	PM	0.873	D
3	Main Street &	AM	0.354	A
	9th Street	PM	0.482	A
4	Main Street &	AM	0.404	A
	Olympic Boulevard	PM	0.519	A
5	Main Street &	AM	0.212	A
	11th Street	PM	0.336	A
6	Main Street &	AM	0.260	A
	12th Street	PM	0.319	A
7	Main Street &	AM	0.401	A
	Pico Boulevard	PM	0.557	A

PROJECT TRAFFIC

The following section describes the methodology and procedures used to determine the trip generation, distribution, and assignment of traffic resulting from the Project. The Project's proposed uses are divisible into two primary categories: residential and commercial retail. The residential component of the Project would consist of up to 363 high-rise multifamily dwelling units. The proposed commercial component of the Project would consist of approximately 12,500 square feet of ground-floor commercial space. The Project site is presently occupied by approximately 26,710 square feet of active specialty retail space (a diversity of businesses selling jewelry, cosmetics, handbags, and other fashion accessories). Occupancy records for the existing buildings are provided in Appendix A. This existing retail space would be removed in conjunction with development of the Project. Project vehicular access/egress and parking are described at the end of this section.

Project Trip Generation

Per the approved Memorandum of Understanding (MOU) signed by LADOT staff on March 21, 2019 and included as Appendix E of this report, the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (10th Edition, 2017) was used to develop the traffic characteristics of the Project. The trip generation equations and rates in the ITE manual are nationally recognized and are used as the basis for most transportation impact studies conducted in the City of Los Angeles and surrounding region. Information was obtained from the *Trip Generation Manual* for ITE Land Use Code (LUC) 222 – Multifamily Housing (High-Rise) and LUC 820 – Shopping Center. Table 4 presents the trip generation rates used to generate the daily and peak-hour traffic volumes for the Project.

Table 4
Project Trip Generation Rates[1]

Multifamily Housing (High-Rise), ITE LUC 222 - General Urban/Suburban setting (trips per dwelling unit)

Daily:	T = 2.07 (DU)
AM Peak Hour:	T = 0.21 (DU); IB = 12%, OB = 88%
PM Peak Hour:	T = 0.19 (DU); IB = 70%, OB = 30%

Shopping Center, ITE LUC 820 - General Urban/Suburban setting (trips per 1,000 square feet of gross floor area)

Daily:	T = 37.75 (A)
AM Peak Hour:	T = 0.94 (A); IB = 62%, OB = 38%
PM Peak Hour:	T = 3.81 (A); IB = 48%, OB = 52%

Notes

[1] Source: Institute of Transportation Engineers (ITE) *Trip Generation Manual* (10th Edition, 2017).

By applying the trip rates provided in Table 4, baseline daily, AM peak-hour, and PM peak-hour trips were calculated for the Project uses. As these rates do not account for such trip-reducing factors as internally captured trips, significant transit usage and/or walk trip potential, or pass-by trips, the baseline trips reflect a conservative condition. These trip-reducing factors are important considerations in determining the actual traffic-generating characteristics of a project and, therefore, adjustments were made to the Project's baseline trip generation estimates.

Given the mix of proposed uses on the Project site, it is expected that there would be trip interactions between individual uses that would not require the use of a vehicle. It is generally recognized that residents, employees, visitors, and patrons of a site will utilize other on-site uses if they are conveniently located and/or provide useful services or amenities, with the level of interaction dependent upon the number of residents, employees, visitors, and patrons; service providers; accessibility; and other factors[1]. For the Project, some of the residents and employees would be expected to patronize the on-site commercial retail uses. Thus, a reduction in trips between the residential and commercial retail uses would be expected. Based on the mix of uses, an internal

[1] Institute of Transportation Engineers (ITE) *Trip Generation Handbook* (3rd Edition, 2017).

capture adjustment of 10 percent, based on the Project's commercial retail land use baseline trips, has conservatively been assumed for the proposed Project. This internal capture adjustment has been approved by LADOT staff in an MOU signed on March 21, 2019 and included as Appendix E.

The use of public transportation is an important consideration in the evaluation of a project's trip-generating potential. As noted previously in the Existing Public Transportation section of this report, the Project is well served by bus and rail lines of multiple transit operators. These transit operators provide both local and regional routes that are readily accessible to Project residents, employees, visitors, and patrons. Significant transit use is not accounted for in the ITE *Trip Generation Manual* General Urban/Suburban setting trip rates and equations. Because the trip rates for the General Urban/Suburban setting do not consider significant transit connectivity, adjustments were made to the Project trip generation to account for transit usage associated with the proposed and existing commercial retail land uses. Based on the abundance of available transit options within a comfortable walking distance of the Project site (including Metro Rapid Bus service), a combined transit/walk adjustment of 15 percent has been assumed for the Project's proposed and existing commercial retail land uses. This transit/walk adjustment has been approved by LADOT staff in an MOU signed on March 21, 2019 and included as Appendix E.

Trip reduction factors for the Project also account for the presence of "pass-by" trips. As some motorists pass by the Project, the specific convenient facilities provided by the Project (or other factors) produce a stop at the site. Such activity is considered to be an interim stop along a trip which existed irrespective of the development of the Project, and therefore vehicles making these stops are not considered to be newly generated Project-related traffic. The LADOT has developed a series of recommended pass-by trip reduction percentages for various development types and sizes. In line with these

guidelines, pass-by trip reductions were applied to the Project's commercial land uses (proposed commercial retail and existing specialty retail). Each of the pass-by trip adjustment factors has been approved by LADOT staff in an MOU signed on March 21, 2019 and included as Appendix E.

Based on the trip generation rates and aforementioned trip reduction factors, projections of the amount of traffic to be generated for the Project were derived. Table 5 summarizes the trip generation for the Project. As shown in Table 5, once completed and occupied, the Project is anticipated to generate a total of 463 net trips per day, with 69 net trips during the AM peak hour and 40 net trips during the PM peak hour. These peak-hour trips were distributed to analyze Project impacts at the seven study intersections.

Per LADOT policy and as a conservative procedure, trip reductions for commercial use pass-by activity were not applied to the Project's driveways and appropriate site-adjacent intersections, since pass-by trips, while not new to the area roadways, would be included in the number of vehicles that enter and exit the site's driveways and appropriate site-adjacent intersection turning movements required for Project access and egress. The additional Project pass-by traffic volumes at the Project driveways and appropriate site-adjacent intersections were also calculated. These calculations indicate that approximately -248 net pass-by trips per day, with -6 net pass-by trips during the AM peak hour and -25 net pass-by trips during the PM peak hour, would access the Project driveways. It should be noted that the net negative volumes during all three time periods are due to the existing commercial retail floor area to be removed exceeding the proposed commercial retail floor area. These pass-by traffic volumes were added to the net traffic volumes in order to estimate Project transportation impacts at the site-adjacent study intersection of Main Street & 12th Street.

Table 5
Project Trip Generation Summary[1]

Land Use	ITE Code	Intensity[2]	Average Weekday	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Trip Generation Rates									
Multifamily Housing (High-Rise)	222	1 du	2.07	12%	88%	0.21	70%	30%	0.19
Shopping Center	820	1 ksf	37.75	62%	38%	0.94	48%	52%	3.81
Trip Generation Summary									
Description		**Size**	**Average Weekday**	**AM Peak Hour**			**PM Peak Hour**		
				In	**Out**	**Total**	**In**	**Out**	**Total**
PROPOSED USES									
Residential									
Multifamily Housing		363 du	751	9	67	76	48	21	69
10% Internal Capture Adjustment[3]			(40)	0	(1)	(1)	(2)	(2)	(4)
Multifamily Housing Total			711	9	66	75	46	19	65
Commercial									
Shopping Center		12.500 ksf	472	7	5	12	23	25	48
15% Transit/Walk Adjustment[4]			(71)	(1)	(1)	(2)	(3)	(4)	(7)
Shopping Center With Transit/Walk Adjustment Subtotal			401	6	4	10	20	21	41
10% Internal Capture Adjustment[3]			(40)	(1)	0	(1)	(2)	(2)	(4)
Shopping Center With Internal Capture Adjustment Subtotal			361	5	4	9	18	19	37
50% Pass-By Adjustment[5]			(180)	(2)	(2)	(4)	(9)	(9)	(18)
Shopping Center Total			181	3	2	5	9	10	19
Proposed Project Driveway Trips (including Pass-By Trips)			**1,072**	**14**	**70**	**84**	**64**	**38**	**102**
Proposed Project Trips			**892**	**12**	**68**	**80**	**55**	**29**	**84**
EXISTING USE									
Commercial									
Shopping Center		26.710 ksf	1,008	16	9	25	49	53	102
15% Transit/Walk Adjustment[4]			(151)	(3)	(1)	(4)	(7)	(8)	(15)
Shopping Center With Transit/Walk Adjustment Subtotal			857	13	8	21	42	45	87
50% Pass-By Adjustment[5]			(428)	(6)	(4)	(10)	(21)	(22)	(43)
Shopping Center Total			429	7	4	11	21	23	44
Existing Project Driveway Trips (including Pass-By Trips)			**857**	**13**	**8**	**21**	**42**	**45**	**87**
Existing Project Trips			**429**	**7**	**4**	**11**	**21**	**23**	**44**
Net Project Driveway Trips (including Pass-By Trips)			**215**	**1**	**62**	**63**	**22**	**-7**	**15**
Net Project Trips			**463**	**5**	**64**	**69**	**34**	**6**	**40**

Notes:

1) ITE *Trip Generation Manual* (10th Edition, 2017) trip generation rates and equations applied. For Land Use Code 222 (Multifamily Housing [High-Rise]), trip rates for the Dense Multi-Use Urban setting were used, as this setting is more applicable to the Project site than the General Urban/Suburban setting and there is an adequate number of studies in the peak-hour time period datasets. For Land Use Code 820 (Shopping Center), rates for the General Urban/Suburban setting were used, as no daily rate is provided for the Dense Multi-Use Urban setting and the peak-hour rates are based on very limited data. Transit/walk adjustments were, therefore, only applied to the Shopping Center land use.
2) du = Dwelling Units; ksf = Thousands of Square Feet of Gross Leasable Floor Area.
3) 10 percent internal capture adjustment assumed. The internal capture adjustment is applied to the lower peak-hour trip-generating component of the uses sharing trips with each other (Shopping Center use). The internal trips for the higher trip-generating component (Multifamily Housing use) are then balanced with the internal trips to/from the lower trip-generating component. These assumptions follow the general methodology recommended for mixed-use development trip generation in the ITE *Trip Generation Handbook* (3rd Edition, 2017).
4) Consistent with current LADOT *Transportation Impact Study Guidelines* , a 15 percent transit/walk adjustment has been assumed for the Shopping Center use (given that the Project is located within an approximately one-quarter mile walking distance of Metro rapid bus service, and such an adjustment is not already accounted for in the General Urban/Suburban setting baseline trip rates).
5) Based on Attachment D of the current LADOT *Transportation Impact Study Guidelines* , appropriate pass-by trip adjustments have been applied to the Shopping Center land use category.

Project Trip Distribution and Assignment

Estimation of the geographic distribution of Project trips was the next step in the analytical process. The primary factors affecting the trip distribution patterns are the nature of the Project uses, existing traffic patterns, characteristics of the surrounding roadway system, geographic location of the Project site and its proximity to freeways and major travel routes, employment centers to which residents would likely be attracted, residential areas from which employees would likely be drawn, and the various regions generating visitors and patrons. The Project trip distribution patterns were developed for two aggregate land-use categories -- residential and commercial -- in order to reflect better the differences in trip directionality, origin/destination land uses, and Project access/egress between these categories.

The existing specialty retail uses have, conservatively, been assumed to have the same distribution pattern as the proposed commercial retail uses. Without a robust parking supply, patrons of the existing commercial uses now circulate through the local surface street system for nearby parking when arriving to shop. Such local circulation in search of parking will not be required for the proposed commercial uses. Based on the abovementioned factors, the overall project trip distribution percentages were determined separately for the residential and commercial components of the Project, and are summarized in Table 6. The LADOT approved these trip distribution assumptions in an MOU signed on March 21, 2019 and included as Appendix E.

The general distribution percentages shown in Table 6 were then disaggregated and assigned to specific routes and intersections that are expected to be used for Project access/egress. The estimated Project trip assignment percentages for the residential and commercial uses at the study intersections were reviewed and approved by LADOT staff in an MOU signed on March 21, 2019 and included as Appendix E. The Project's

proposed residential and commercial trip distribution percentages are presented in Figures 5(a) and 5(b), respectively.

Table 6
Project Directional Trip Distribution Percentages

Direction	Land Use	
	Residential	Commercial
North	40%	30%
South	15%	22%
East	20%	18%
West	25%	30%
Total	100%	100%

Applying these inbound and outbound percentages to the Project trip generation, the traffic volumes for the Project were determined for the seven study intersections. As described previously and per LADOT policy, Project pass-by trips have been included only at the site-adjacent intersection of Main Street & 12th Street. The Project-only AM and PM peak-hour traffic volumes are depicted in Figures 6(a) and 6(b), respectively.

Project Parking and Access

Parking for the Project would be provided in accordance with the requirements of the LAMC. The Project would provide on-site parking on the ground floor and within levels two through four. Primary residential and commercial access/egress would be via the alley at the rear of the site. From the alley, a full-access driveway would provide a connection to the limited commercial parking on the ground level and the vast majority of the residential parking in levels two through four. ADA parking spaces would be provided at the ground level with access via separate one-way inbound and outbound driveways from the alley. A secondary driveway would access the ground floor parking from the west side of Main Street, between 11th and 12th Streets, serving both residential and commercial retail uses, and it would connect to the parking available on

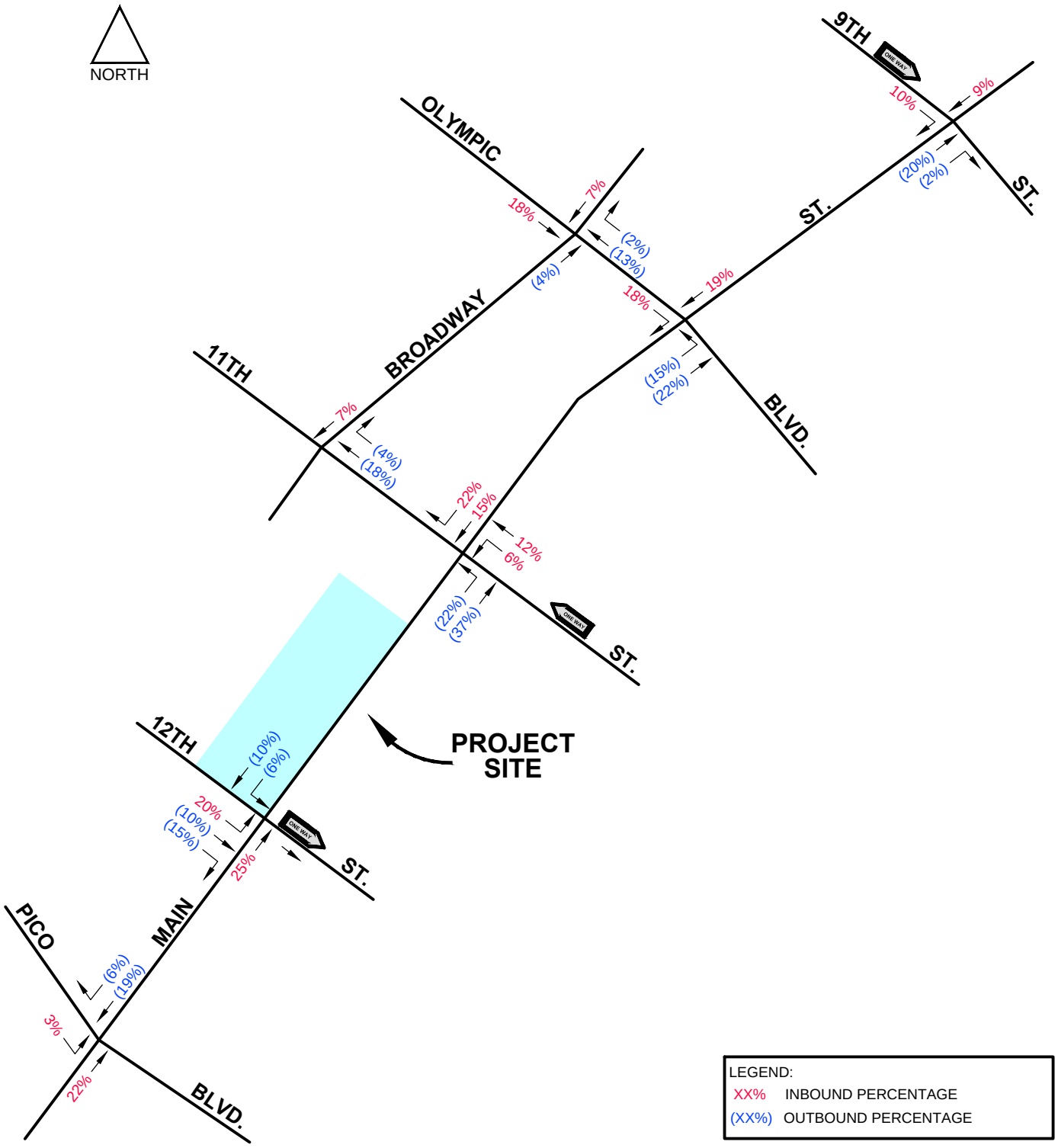


FIGURE 5(a)

4/18/2019

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PROJECT TRIP DISTRIBUTION PERCENTAGES
(RESIDENTIAL USES)

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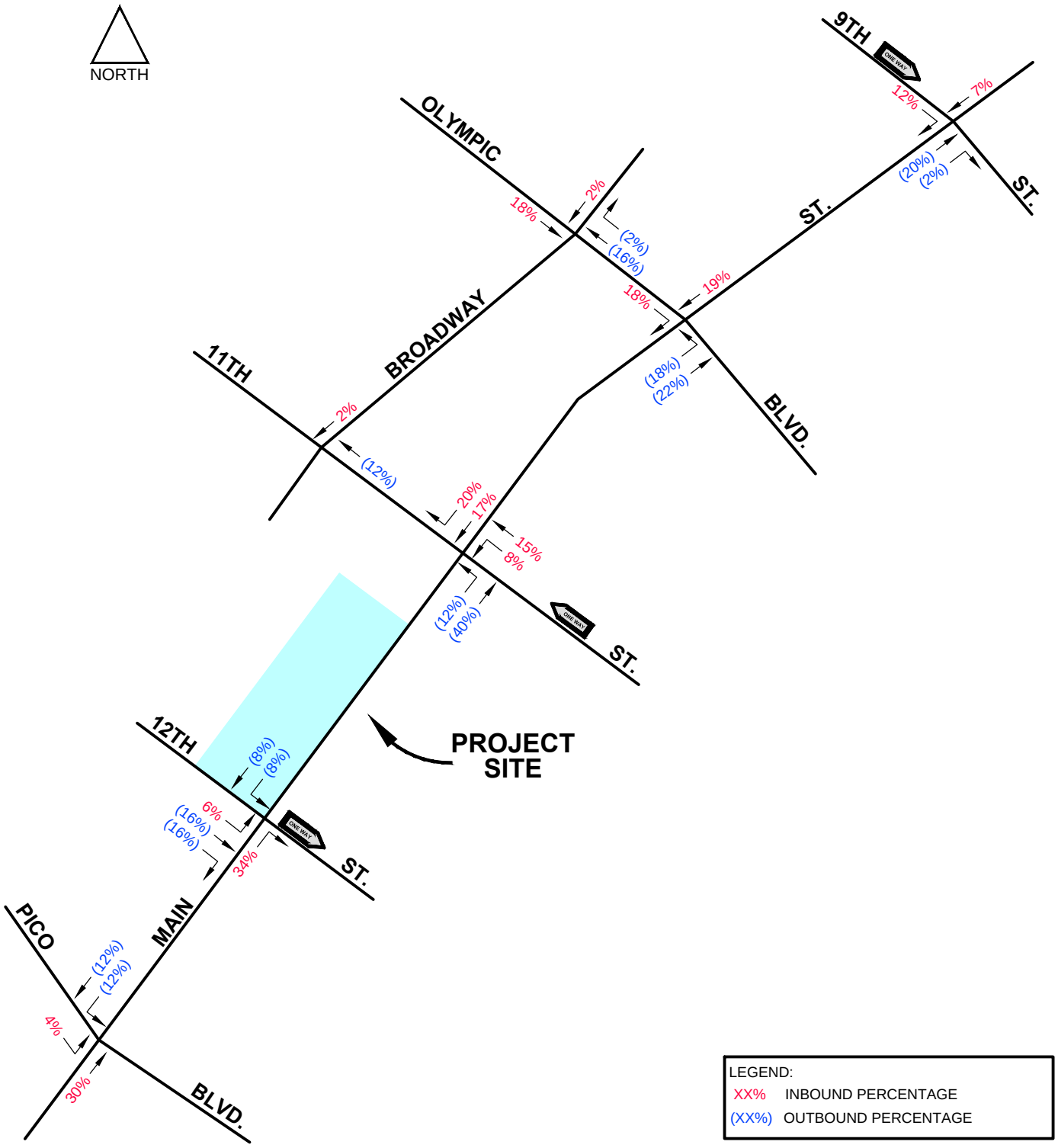


FIGURE 5(b)

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PROJECT TRIP DISTRIBUTION PERCENTAGES
(COMMERCIAL USES)

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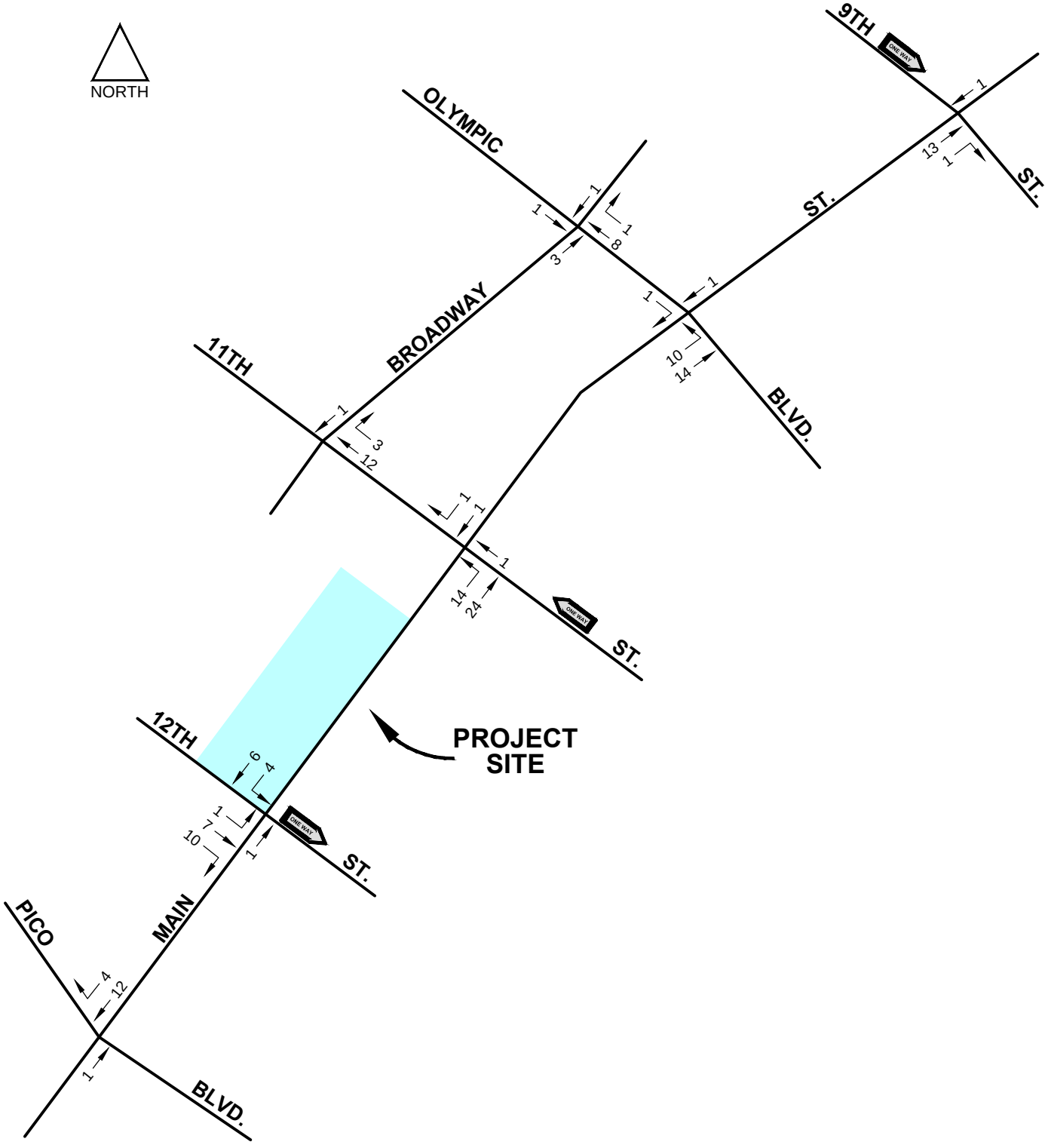


FIGURE 6(a)

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PROJECT ONLY VOLUMES
AM PEAK HOUR

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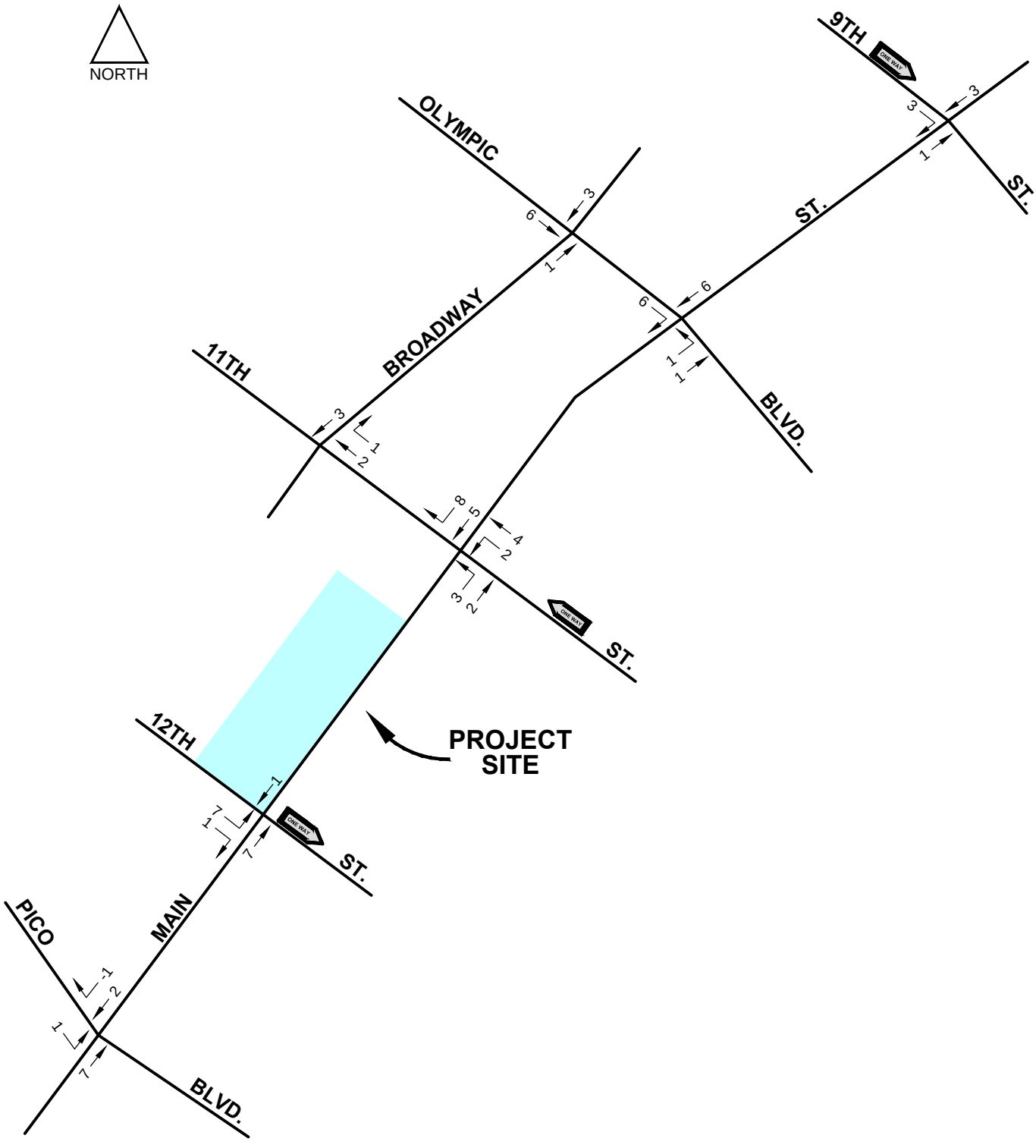


FIGURE 6(b)

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PROJECT ONLY VOLUMES
PM PEAK HOUR

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levels two through four and the one-way alley at the rear of the site. As part of the Project, the alley at the rear of the site would be converted to one-way southbound operation. The conceptual Project site plan was shown previously in Figure 2.

Based on the Project's proposed mix of uses and the parking regulations of the LAMC and Los Angeles City Bicycle Parking Ordinance, adequate parking would be provided for the Project. Approximately 355 parking spaces would be provided within the Project's above-ground parking levels for the proposed residential uses. In addition, eight ADA accessible parking spaces would be provided at the ground level for the proposed residential uses. The commercial uses would be provided with 10 parking spaces (including one ADA space) at the ground level. Thus, the overall parking supply would consist of 373 parking spaces. The Project would also provide 195 bicycle parking spaces (23 short-term and 172 long-term). No off-site parking impacts are anticipated as a result of this Project.

EXISTING PLUS PROJECT TRAFFIC CONDITIONS

Based on the December 16, 2010 decision of the California Sixth District Court of Appeal in the *Sunnyvale West Neighborhood Association v. City of Sunnyvale City Council* case, an additional traffic impact analysis has been performed for the Project. In the *Sunnyvale* case, the Court of Appeal found, based on the facts of that case, the impacts of a project must be compared "against current, existing physical conditions." While the facts of the *Sunnyvale* case may be distinguishable from this case, in the interest of fullest disclosure an analysis of Existing (2019) Plus Project AM and PM peak-hour conditions was performed.

The Existing (2019) Plus Project traffic volumes were determined by superimposing the Project-only traffic volumes onto the Existing (2019) traffic volumes. The Existing (2019) Plus Project traffic volumes at the study intersections are shown in Figures 7(a) and 7(b) for the AM and PM peak hours, respectively. The analysis of Existing (2019) Plus Project traffic conditions at the study intersections was performed using the analysis procedures described previously in this report. The results of the analysis of Existing (2019) Plus Project traffic conditions at the study intersections are summarized in Table 8 of the following section and are discussed therein.

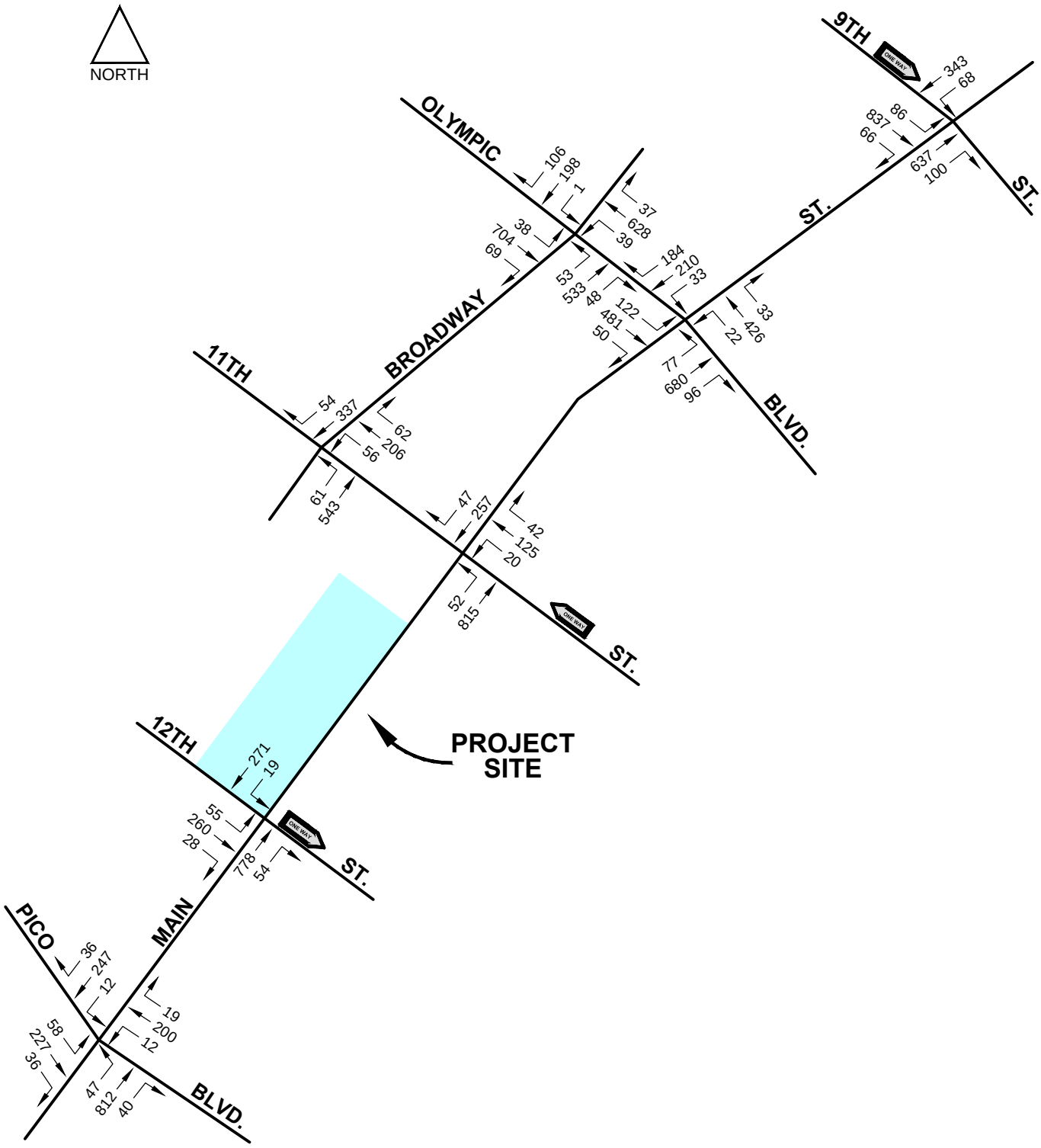


FIGURE 7(a)

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EXISTING (2019) TRAFFIC VOLUMES
PLUS PROJECT
AM PEAK HOUR

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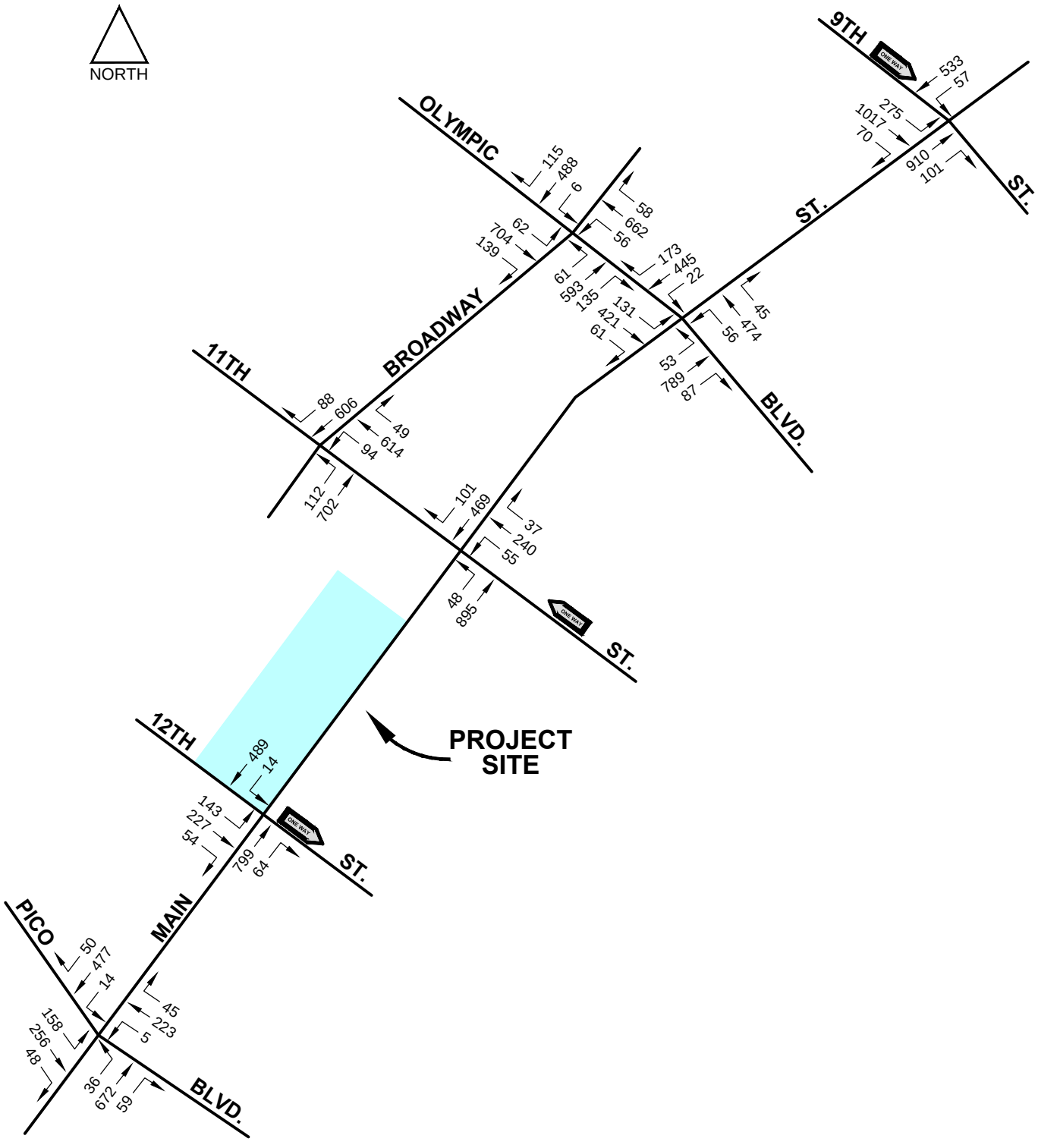


FIGURE 7(b)

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EXISTING (2019) TRAFFIC VOLUMES
PLUS PROJECT
PM PEAK HOUR

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FUTURE TRAFFIC CONDITIONS

There are a number of other projects either under construction or planned for development in the surrounding area that may contribute future traffic to the study locations. For this reason, the analysis of future traffic conditions was expanded to include potential traffic volume increases expected to be generated by those other projects. In order to evaluate future traffic conditions in the Project area, an analysis of Existing (2019) traffic volumes was first conducted, as described previously. For the analysis of future conditions, an ambient traffic growth factor of 1.0 percent per year, compounded annually, was applied to these existing volumes at the seven study intersections to develop future year (2026) baseline traffic volumes. Given that the Project is currently estimated to be completed in 2026, that year was selected as the future study year.

The inclusion of the annual growth factor generally accounts for area-wide traffic increases. To ensure a conservative estimate of cumulative traffic conditions, the traffic generated by "related projects" in the study area was also added to the future baseline traffic volumes. The total future volumes, including those due to related projects, formed the basis for the Future (2026) Without Project condition. Finally, the traffic expected to be generated by the Project was analyzed as an incremental addition to the Future (2026) Without Project condition, resulting in the Future (2026) With Project condition.

Ambient Traffic Growth

Based on an analysis of traffic growth projections for the Central City Community Plan area, the LADOT recommended the application of an ambient traffic growth factor of 1.0 percent per year for future traffic growth. This growth factor was used to account for increases in traffic due to potential development projects not yet proposed or outside

the study area. Compounded annually, the ambient traffic growth factor was applied to the existing (2019) traffic volumes to develop the estimated baseline volumes for the future study year (2026).

Related Projects

In addition to the use of the ambient growth rate, listings of potential projects located in the surrounding area ("related projects") that might be developed or under construction within the study time frame were obtained from the LADOT and City of Los Angeles Planning Department. Recently published transportation impact studies and environmental reports for development projects in the area were also reviewed. Per a November 28, 2018 update to the related project selection criteria in the LADOT *Transportation Impact Study Guidelines*, related projects from these sources and within an approximate 0.6-mile radius of the Project site were included. Refinement of the information resulted in a total of 57 related projects in the surrounding area that could add traffic to the study intersections.

The locations of the related projects are shown in Figure 8, Related Project Location Map. The related project locations, descriptions, and trip generation estimates are summarized in Table 7. The number of trips expected to be generated by the related projects was obtained from information provided by public agencies, transportation impact studies, and environmental reports, to the extent available. For related projects with incomplete trip generation and/or peak-hour directional (inbound/outbound) distribution information, estimates were determined by applying the appropriate trip rates and/or directional splits from the ITE *Trip Generation Manual* (10th Edition, 2017).

For the analysis of Future (2026) Without Project traffic conditions, each related project's generated trips were distributed and assigned to the study area circulation system, using methodologies similar to those previously described for the Project trip

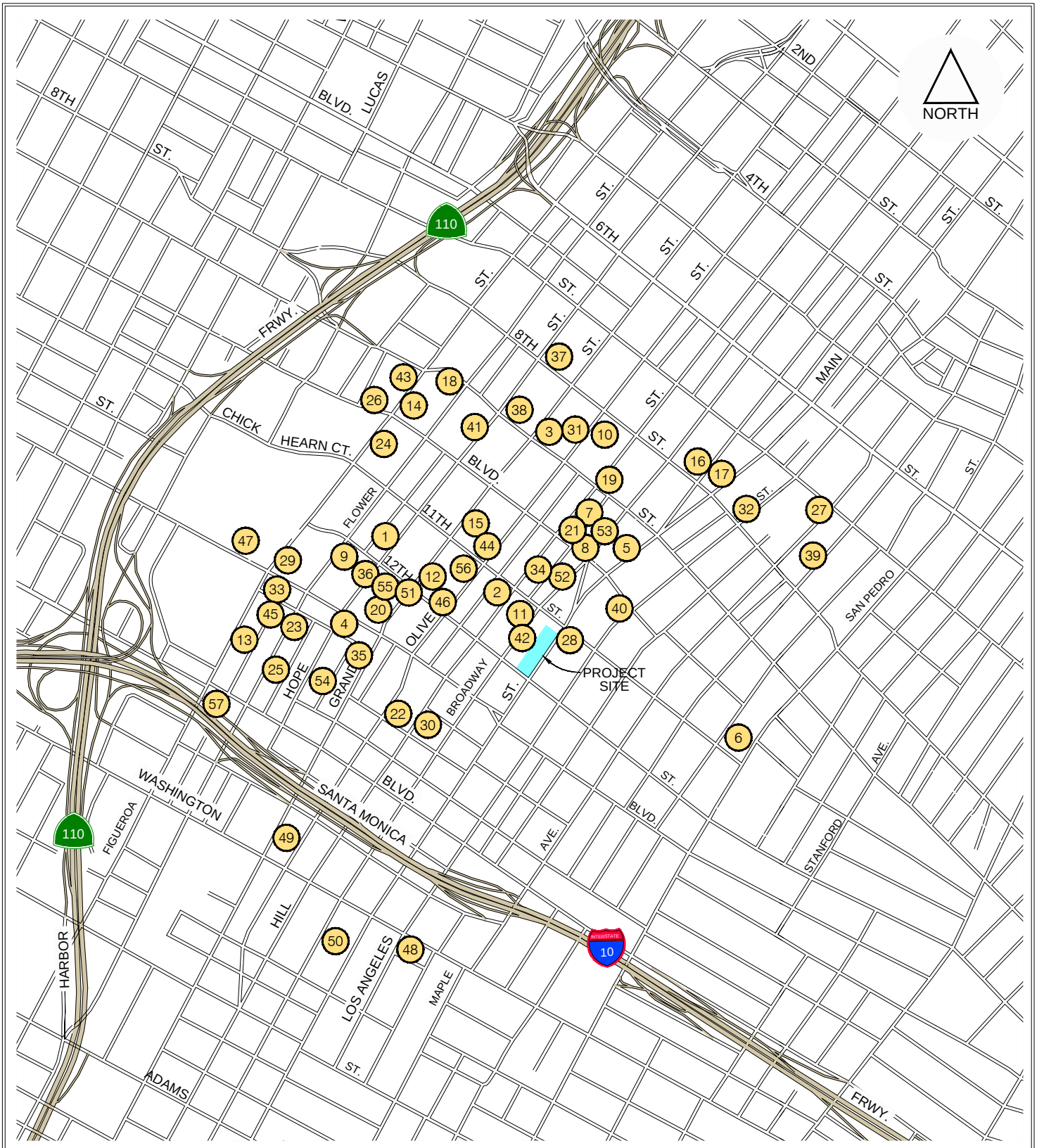


FIGURE 8

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FN:MAIN STREET TOWER\RELPROJS

RELATED PROJECT LOCATION MAP

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Table 7
Related Project Locations, Descriptions, and Trip Generations

NO.	ADDRESS/LOCATION	SIZE	PROJECT DESCRIPTION	DAILY	AM PEAK HOUR IN	AM PEAK HOUR OUT	AM PEAK HOUR TOTAL	PM PEAK HOUR IN	PM PEAK HOUR OUT	PM PEAK HOUR TOTAL
1.	1133 S Hope Street		**Amacon Project**[1]	**1,543**	**20**	**74**	**94**	**91**	**50**	**141**
		208 du	Apartment							
		5,029 sf	Restaurant							
2.	1115 S Hill Street		**11th & Hill Project**[1]	**543**	**(45)**	**40**	**(5)**	**50**	**(7)**	**43**
		172 du	Condominium							
		6,850 sf	Restaurant							
3.	848 S Grand Avenue		**Embassy Tower**[1]	**3,882**	**66**	**144**	**210**	**212**	**165**	**377**
		420 du	High-Rise Condominium							
		38,500 sf	Supermarket							
4.	1300 S Hope Street		**Onyx**[1]	**4,280**	**88**	**105**	**193**	**136**	**102**	**238**
		419 du	Apartment							
		42,200 sf	Retail							
5.	928 S Broadway		**Broadway Palace**[1]	**4,715**	**21**	**229**	**250**	**272**	**109**	**381**
		662 du	Apartment							
		47,000 sf	Retail							
		11,000 sf	Live/Work							
		34,824 sf	Office							
6.	1057 S San Pedro Street		**City Market Mixed-Use**[2]	**15,360**	**770**	**418**	**1,188**	**569**	**848**	**1,417**
		549,141 sf	Office							
		224,862 sf	Retail							
		744 st	Movie Theater							
		877 du	Apartment							
		68 du	Condominium							
		210 rm	Hotel							
7.	920 S Hill Street		**Hill Street Mixed-Use**[1]	**1,476**	**23**	**84**	**107**	**87**	**50**	**137**
		239 du	Apartment							
		5,400 sf	Retail							
8.	955 S Broadway		**Broadway Lofts**[1]	**1,275**	**21**	**72**	**93**	**74**	**43**	**117**
		163 du	Apartment							
		6,406 sf	Retail							
9.	1212 S Flower Street		**Hope & Flower**[1]	**3,956**	**78**	**233**	**311**	**229**	**121**	**350**
		730 du	Condominium							
		7,873 sf	Retail							
10.	820 S Olive Street		**825 Hill**[1]	**3,309**	**63**	**202**	**265**	**195**	**106**	**301**
		589 du	Apartment							
		4,500 sf	Retail							
11.	1111 S Broadway		**Herald Examiner**[1]	**5,198**	**144**	**176**	**320**	**258**	**274**	**532**
		391 du	Apartment							
		39,725 sf	Office							
		49,000 sf	Retail							
12.	1120 S Grand Street		**Aven Tower**[1]	**2,730**	**42**	**127**	**169**	**136**	**93**	**229**
		666 du	Apartment							
		20,600 sf	Retail							
13.	1400 S Figueroa Street[3]	106 du	Apartment	**647**	**10**	**38**	**48**	**39**	**22**	**61**
		4,834 sf	Retail/Restaurant							
14.	940 S Figueroa Street		**Variety Arts Theater**[3]	**2,237**	**5**	**4**	**9**	**99**	**35**	**134**
		1,942 st	Theater							
		10,056 sf	Restaurant							
		5,119 sf	Bar							

Table 7 (continued)
Related Project Locations, Descriptions, and Trip Generations

NO.	ADDRESS/LOCATION	SIZE	PROJECT DESCRIPTION	DAILY	AM PEAK HOUR IN	AM PEAK HOUR OUT	AM PEAK HOUR TOTAL	PM PEAK HOUR IN	PM PEAK HOUR OUT	PM PEAK HOUR TOTAL
15.	1036 S Grand Avenue[1]	7,149 sf	Restaurant	**492**	**2**	**3**	**5**	**27**	**14**	**41**
16.	737 S Spring Street[1]	320 du	Apartment	**3,942**	**72**	**141**	**213**	**167**	**116**	**283**
		25,000 sf	Pharmacy							
17.	732 S Spring Street[1]	400 du	Apartment	**3,409**	**59**	**152**	**211**	**164**	**104**	**268**
		15,000 sf	Pharmacy							
18.	700 W 9th Street		**Apex Phase II**[1]	**2,624**	**37**	**146**	**183**	**143**	**95**	**238**
		341 du	Apartment							
		11,687 sf	Retail							
19.	850 S Hill Street		**Alexan Mixed-Use**[1]	**1,970**	**28**	**106**	**134**	**116**	**65**	**181**
		300 du	Apartment							
		3,500 sf	Retail							
		3,500 sf	Restaurant							
20.	1229 S Grand Avenue		**Grand Residence**[1]	**1,116**	**23**	**62**	**85**	**62**	**33**	**95**
		161 du	Condominium							
		3,000 sf	Restaurant							
21.	940 S Hill Street		**The Hill**[1]	**1,881**	**20**	**80**	**100**	**115**	**53**	**168**
		232 du	Apartment							
		14,000 sf	Restaurant							
22.	1340 S Olive Street		**Emerald Mixed-Use**[1]	**1,700**	**51**	**82**	**133**	**89**	**57**	**146**
		156 du	Apartment							
		5,000 sf	Retail							
		10,000 sf	Restaurant							
23.	1334 S Flower Street[1]	188 du	Apartment	**1,038**	**(3)**	**63**	**60**	**67**	**22**	**89**
		10,096 sf	Retail/Restaurant							
24.	1020 S Figueroa Street		**LUXE Hotel Mixed-Use**[1]	**6,583**	**204**	**274**	**478**	**312**	**227**	**539**
		300 rm	Hotel							
		435 du	Condominium							
		58,959 sf	Retail							
25.	1400 S Flower Street[1]	152 du	Apartment	**1,062**	**17**	**62**	**79**	**63**	**35**	**98**
		1,184 sf	Retail							
26.	815 W Olympic Boulevard		**Olympic Tower**[1]	**4,423**	**166**	**170**	**336**	**189**	**185**	**374**
		373 rm	Hotel							
		374 du	Condominium							
		65,074 sf	Retail							
		33,498 sf	Office							
27.	701 S Maple Avenue		**Fashion District Residences**[1]	**3,199**	**67**	**179**	**246**	**185**	**105**	**290**
		452 du	Apartment							
		13,655 sf	Commercial							
28.	1100 S Main Street		**11th & Main**[1]	**385**	**9**	**103**	**112**	**78**	**14**	**92**
		379 du	Apartment							
		25,810 sf	Commercial							
29.	1248 S Figueroa Street		**Fig + Pico Conference Center Hotel**[4]	**5,720**	**192**	**125**	**317**	**203**	**212**	**415**
		6,573 sf	Quality Restaurant							
		6,573 sf	High-Turnover Restaurant							
		1,162 rm	Hotel							
30.	1340 S Hill Street		**14th & Hill Mixed-Use**[1]	**1,755**	**11**	**103**	**114**	**108**	**30**	**138**
		235 du	Apartment							
		5,250 sf	Retail							
		4,000 sf	Restaurant							

Table 7 (continued)
Related Project Locations, Descriptions, and Trip Generations

NO.	ADDRESS/LOCATION	SIZE	PROJECT DESCRIPTION	DAILY	AM PEAK HOUR IN	AM PEAK HOUR OUT	AM PEAK HOUR TOTAL	PM PEAK HOUR IN	PM PEAK HOUR OUT	PM PEAK HOUR TOTAL
31.	845 S Olive Street[1]	208 du	Apartment	**1,305**	**25**	**76**	**101**	**77**	**42**	**119**
		810 sf	Retail							
		1,620 sf	Restaurant							
32.	755 S Los Angeles Street		**Norton Building**[1]	**2,482**	**110**	**57**	**167**	**105**	**100**	**205**
		16,694 sf	Retail							
		60,243 sf	Office							
		26,959 sf	Restaurant							
33.	1300 S Figueroa Street		**City Lights Tower**[1]	**9,134**	**398**	**288**	**686**	**351**	**366**	**717**
		1,024 rm	Hotel							
34.	1030 S Hill Street		**Olympic & Hill Tower**[1]	**3,683**	**56**	**206**	**262**	**216**	**125**	**341**
		498 du	Apartment							
		8,707 sf	Commercial							
35.	1323 Grand Avenue[1]	284 du	Apartment	**2,158**	**33**	**118**	**151**	**126**	**74**	**200**
		6,300 sf	Retail							
36.	1219 S Hope Street[1]	75 rm	Hotel	**1,592**	**70**	**53**	**123**	**69**	**52**	**121**
		7,700 sf	Restaurant							
37.	754 S Hope Street		**8th & Hope Tower**[1]	**2,720**	**42**	**167**	**209**	**165**	**89**	**254**
		409 du	Apartment							
38.	888 S Hope Street		**CIM South Park Apartments**[1]	**3,498**	**54**	**215**	**269**	**212**	**114**	**326**
		526 du	Apartment							
39.	755 S Wall Street		**Southern California Flower Market**[1]	**2,499**	**108**	**83**	**191**	**164**	**141**	**305**
		323 du	Apartment							
		4,400 sf	Retail							
		125 per	Event Space							
		53,200 sf	Office							
		4,420 sf	Restaurant							
40.	124 E Olympic Boulevard[3]	149 rm	Hotel	**1,334**	**53**	**45**	**98**	**58**	**33**	**91**
		6,716 sf	Restaurant							
41.	949 S Hope Street[3]	236 du	Apartment	**791**	**8**	**45**	**53**	**43**	**7**	**50**
		5,060 sf	Restaurant							
		894 sf	Retail							
42.	1138 S Broadway[3]	138 rm	Hotel	**644**	**20**	**25**	**45**	**22**	**25**	**47**
43.	911 S Figueroa Street		**Figueroa Centre**[3]	**4,457**	**370**	**116**	**486**	**168**	**368**	**536**
		200 du	Apartment							
		44,080 sf	Retail							
		50,000 sf	Restaurant							
		220 rm	Hotel							
44.	1045 S Olive Street		**Crescent Heights Tower**[3]	**2,227**	**39**	**157**	**196**	**138**	**62**	**200**
		794 du	Apartment							
		6,252 sf	High-Turnover Restaurant							
		6,252 sf	Quality Restaurant							
45.	1323 S Flower Street[3]	132 rm	Hotel	**1,287**	**33**	**40**	**73**	**61**	**39**	**100**
		48 du	Apartment							
		3,685 sf	Bar/Restaurant							
46.	1155 S Olive Street[3]	258 rm	Hotel	**2,008**	**77**	**56**	**133**	**77**	**72**	**149**
		1,896 sf	Retail							
		2,722 sf	Restaurant							

Table 7 (continued)
Related Project Locations, Descriptions, and Trip Generations

NO.	ADDRESS/LOCATION	SIZE	PROJECT DESCRIPTION	DAILY	AM PEAK HOUR IN	AM PEAK HOUR OUT	AM PEAK HOUR TOTAL	PM PEAK HOUR IN	PM PEAK HOUR OUT	PM PEAK HOUR TOTAL
47.	LA Sports & Entertainment District[1]	250,000 sf	Convention Center	**27,007**	**1,254**	**721**	**1,975**	**1,085**	**1,637**	**2,722**
		183 rm	Hotel							
		601,800 sf	Office							
		1,152 du	Apartment							
		214,583 sf	Retail							
48.	220 E Washington Boulevard		**Washington Blvd/Los Angeles St Mixed-Use**[5]	**370**	**19**	**26**	**45**	**17**	**14**	**31**
		111 du	Affordable Housing							
		1 du	Apartment							
		7,300 sf	Retail							
		(31) du	*Apartment to be removed*							
		(2,322) sf	*Auto Repair Shop to be removed*							
49.	233 W Washington Boulevard		**Grand Metropolitan Mixed-Use Project**[3]	**1,764**	**25**	**56**	**81**	**89**	**71**	**160**
		160 du	Apartment							
		24,000 sf	Retail							
50.	1900 S Broadway		**The Reef/LA Mart/SOLA Village**[3]	**12,737**	**390**	**552**	**942**	**637**	**566**	**1,203**
		900 du	Condominium							
		550 du	Apartment							
		210 rm	Hotel							
		143,100 sf	Retail							
		180,000 sf	Office							
		17,600 sf	Gallery/Museum							
		8,000 sf	Health Club							
51.	1201 S Grand Avenue[6]	312 du	Apartment	**764**	**14**	**71**	**85**	**62**	**14**	**76**
		7,100 sf	High-Turnover Restaurant							
		(22,000) sf	*General Office to be removed*							
52.	1031 S Broadway		**Western Pacific Building**[7]	**1,269**	**62**	**50**	**112**	**69**	**42**	**111**
		16,637 sf	Restaurant							
53.	939 S Broadway		**Western Costume Building**[8]	**839**	**24**	**41**	**65**	**43**	**27**	**70**
		151 du	Apartment							
		4,500 sf	Restaurant							
54.	1401 S Grand Avenue		**California Hospital Medical Center Expansion**[9]	**1,421**	**78**	**35**	**113**	**43**	**87**	**130**
		148,465 sf	Hospital							
		6,000 sf	Retail							
55.	1246 S Hope Street		**Morrison Hotel Development**[3]	**5,433**	**141**	**128**	**269**	**269**	**199**	**468**
		258 du	Apartment							
		265 rm	Hotel							
		6,000 sf	Restaurant							
56.	1115 S Olive Street[10]	536 du	Apartment	**2,097**	**35**	**107**	**142**	**104**	**67**	**171**
		6,153 sf	Commercial							
57.	1600 S Figueroa Street[11]	336 du	Apartment	**3,048**	**81**	**107**	**188**	**128**	**103**	**231**
		250 rm	Hotel							

Notes:

du = Dwelling Units; sf = Square Feet; ac = Acres; rm = Rooms; st = Seats; stu = Students; bed = Beds; emp = Employees; veh = Vehicles; per = Persons.

[1] Net trip generation and peak-hour directional distribution from the Times Mirror Square development related projects list approved by the Los Angeles Department of City Planning (October 2017).

[2] Traffic Study for The City Market of Los Angeles (The Mobility Group, October 7, 2013). Project trip generation was reduced for the portion of the project that was built and operational by early 2019 (City Market South).

[3] Net trip generation and peak-hour directional distributions provided by the LADOT database.

[4] Transportation Study for the Fig+Pico Conference Center Hotels (Gibson Transportation Consulting, April 2017).

[5] Draft Initial Study for the Washington Boulevard/Los Angeles Street Mixed-Use Project (November 2018).

Table 7 (continued)
Related Project Locations, Descriptions, and Trip Generations

NO.	ADDRESS/LOCATION	SIZE	PROJECT DESCRIPTION	DAILY	AM PEAK HOUR IN	AM PEAK HOUR OUT	AM PEAK HOUR TOTAL	PM PEAK HOUR IN	PM PEAK HOUR OUT	PM PEAK HOUR TOTAL

Notes (continued):

[6] Transportation Impact Study for the Proposed 1201 S. Grand Avenue Project (Crain & Associates, August 9, 2018).

[7] Trip generation and peak-hour directional distribution of trips based on ITE Land Use Code 932 (High-Turnover Restaurant), with conservative transit and pass-by adjustments.

[8] Trip generation and peak-hour directional distribution of trips based on ITE Land Use Codes 222 [Multifamily Housing (High-Rise)] and 932 (High-Turnover Restaurant), with conservative internal capture, transit, and pass-by adjustments.

[9] Trip generation and peak-hour directional distribution of trips based on ITE Land Use Codes 610 (Hospital) and 820 (Shopping Center), with conservative internal capture, transit, and pass-by adjustments.

[10] Trip generation and peak-hour directional distribution of trips based on ITE Land Use Codes 222 [Multifamily Housing (High-Rise)] and 820 (Shopping Center), with conservative internal capture, transit, and pass-by adjustments.

[11] Trip generation and peak-hour directional distribution of trips based on ITE Land Use Codes 222 [Multifamily Housing (High-Rise)] and 310 (Hotel), with conservative transit adjustments.

distribution and assignment. Summing the individual related project traffic volume assignments, the total related project traffic volumes at the study intersections were calculated and are shown in Figures 9(a) and 9(b) for the AM and PM peak hours, respectively.

It should be noted that the inclusion of these related projects, as described, results in future (2026) traffic condition forecasts that are conservative for the purposes of impact analysis. As stated previously, the 1.0 percent ambient traffic growth factor, approved by the LADOT, accounts for the general traffic growth expected throughout the study area. The overlay of traffic volumes resulting from the 57 identified related projects represents a conservative projection of future traffic volumes. It is likely that some of the identified projects will not be approved or constructed as described. It is also probable that some of these projects will be delayed in their construction beyond the future (buildout) study year of the Project. In addition, none of the mitigation measures proposed in the traffic analyses performed for these related projects have been assumed under future conditions. Therefore, the future condition of the study area roadway infrastructure has also been forecast conservatively.

Highway System Improvements

In order to better analyze future traffic conditions in the Project area, an investigation regarding relevant future transportation improvements to the roadway system infrastructure in the study area was conducted. No traffic improvements were identified as scheduled for implementation that would affect use of the existing street system.

Per information provided by LADOT, and as described earlier, five of the study intersections currently operate under the City's combined ATSAC/ATCS system. The remaining two intersections (Broadway & 11th Street and Main Street & Pico Boulevard) operate under only the ATSAC system. City staff has indicated there is no definitive

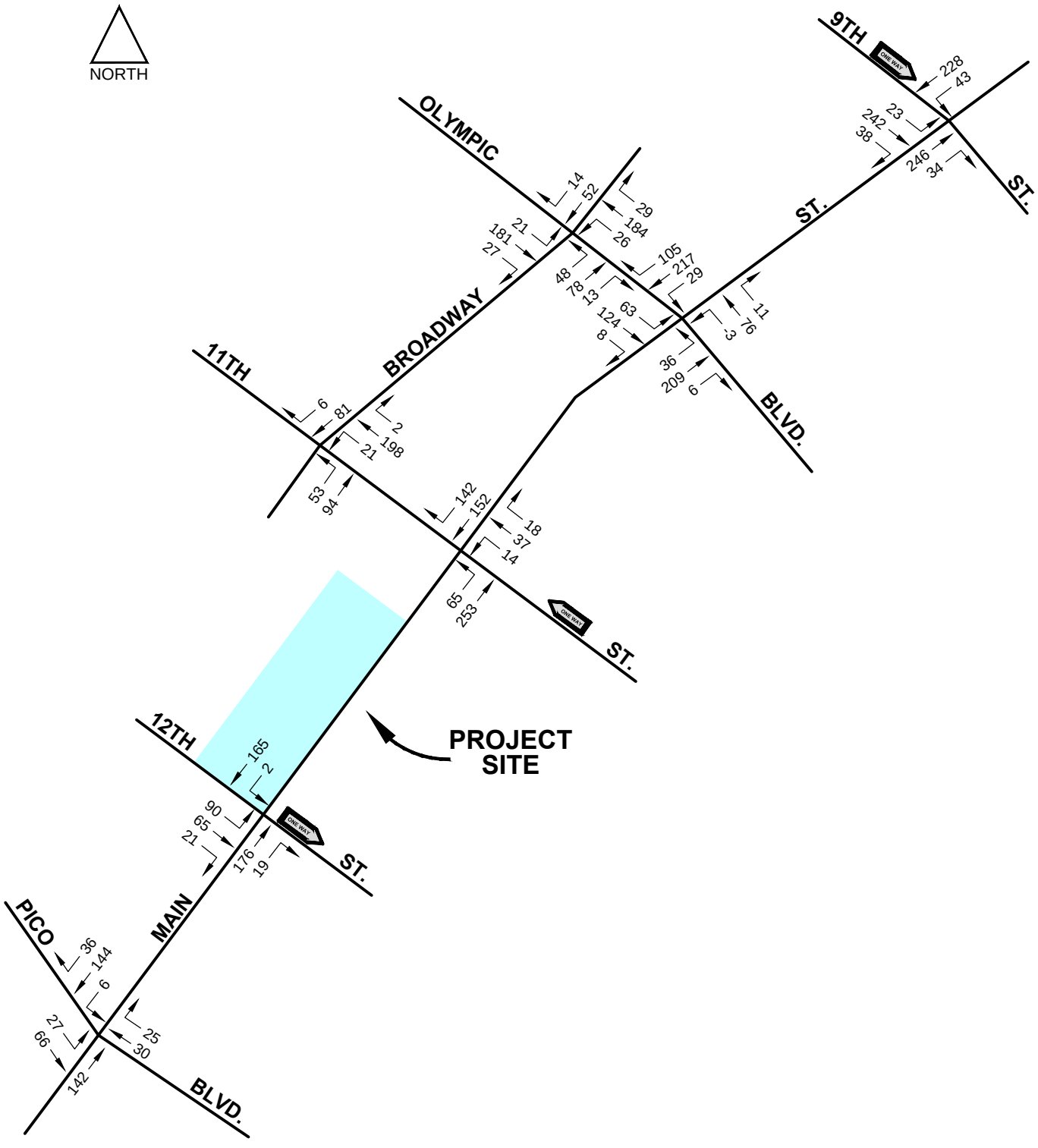


FIGURE 9(a)

4/17/2019

MainStreetTower\AMRELPROJ

TOTAL RELATED PROJECT TRAFFIC VOLUMES
AM PEAK HOUR

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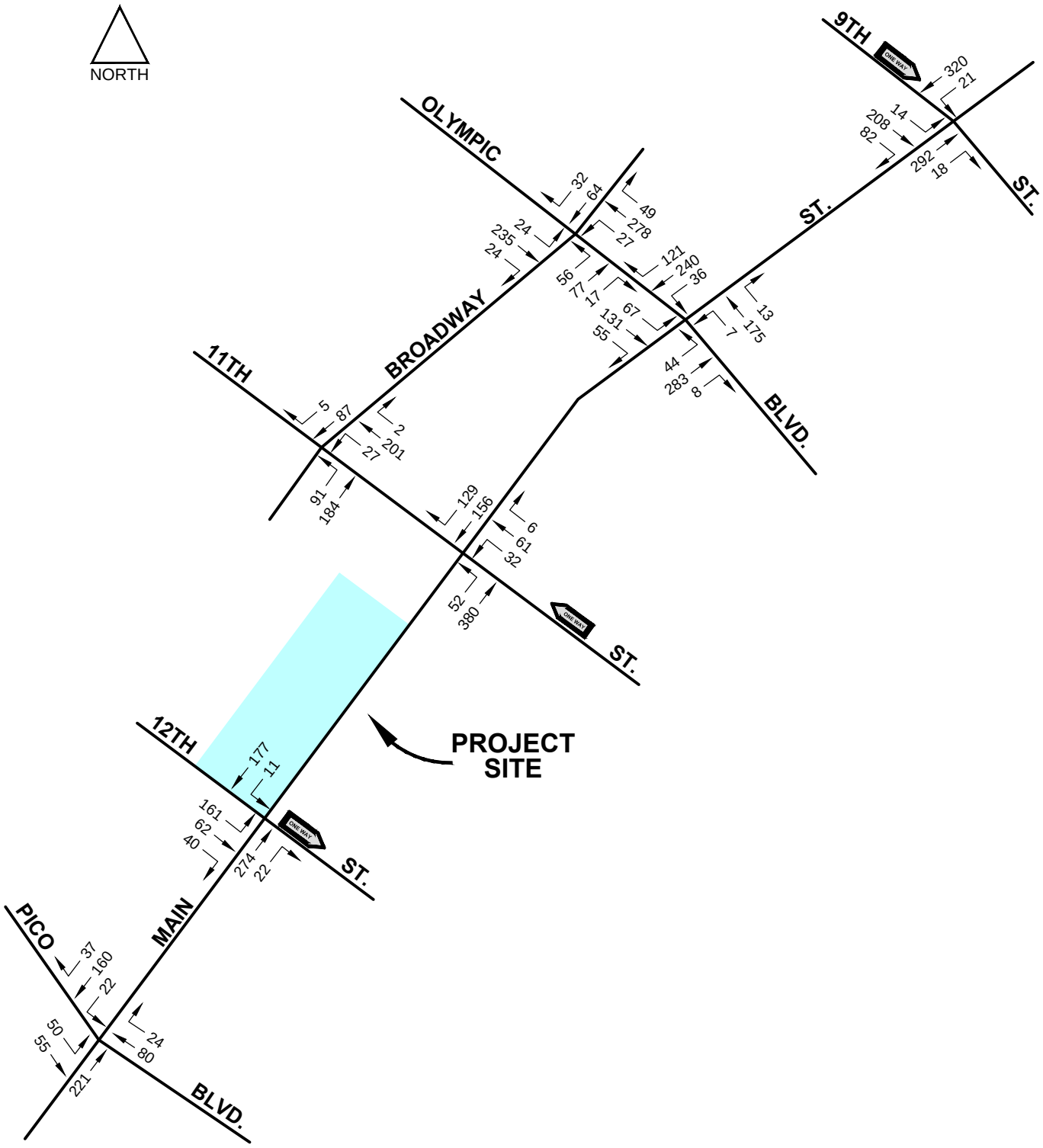


FIGURE 9(b)

4/18/2019

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TOTAL RELATED PROJECT TRAFFIC VOLUMES
PM PEAK HOUR

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timeline for implementation of the combined ATSAC/ATCS system at these two locations. Therefore, the intersections were conservatively assumed to continue to operate under only the ATSAC system for future (2026) conditions.

In addition to these traffic signal enhancements, the goals and policies of the City's *2010 Bicycle Plan* (City of Los Angeles Department of Planning, adopted March 1, 2011) have been folded into the Mobility Plan 2035. It is a Mobility Plan objective to complete the proposed paths, protected cycle tracks, bicycle lanes, routes, and priority Neighborhood Enhanced Network roadway segments by 2035. While some of these improvements have already been realized, the following improvements are scheduled for implementation within the Project study area:

- 11th Street will add a Tier 1 protected bicycle lane between Figueroa Street and Main Street. This bicycle facility has recently been installed as part of the Figueroa Corridor Streetscape project (MyFigueroa). The lane configurations for the study intersections along 11th Street reflect the addition of this facility and no passenger vehicle lane or phasing configuration modifications are anticipated.

- Pico Boulevard will add Tier 3 bicycle lanes from Gateway Boulevard to Central Avenue. Vehicular lanes will likely be reconfigured to accommodate these bicycle lanes.

- Main Street will add Tier 1 protected bicycle lanes between Mission Road and Imperial Highway. Vehicular lanes may be reconfigured to accommodate these bicycle lanes.

Per information provided by LADOT staff, design and construction of the Pico Boulevard bicycle lanes and the Main Street protected bicycle lanes is not expected between now and the Project buildout year of 2026. As such, no changes to the study area intersection geometrics and/or traffic control conditions due to bicycle facility

improvements have been assumed under future (2026) traffic conditions in this traffic impact analysis.

A review of the LADOT Transportation Capital Improvement Projects and Bureau of Engineering Street Improvement Master Schedule revealed one improvement project (the Los Angeles Streetcar Project) that could affect operations at the study intersection locations:

- The Los Angeles Streetcar project would construct a streetcar route along an approximate four-mile loop around Downtown Los Angeles. While the construction and operation of this streetcar would likely affect the lane or phasing configurations along Broadway within the Project study area, plans have not been finalized and there is no set route. The Final Environmental Impact Report was issued on October 24, 2016, but there is currently no finalized timeline for completion. Therefore, roadway changes associated with the Los Angeles Streetcar Project have not been assumed under future (2026) traffic conditions in this traffic impact analysis.

Analysis of Future (2026) Traffic Conditions

The analysis of future traffic conditions at the study intersections was performed using the same analysis procedures described previously in this report. As described in the previous section, all existing geometrics and/or traffic control conditions are assumed to prevail for the analysis of future area traffic conditions.

As described earlier, future (2026) baseline traffic volumes for the Without Project condition were determined by superimposing area-wide ambient traffic growth and the total related projects traffic volumes onto the existing (2019) traffic volumes. The Future (2026) Without Project traffic volumes are depicted in Figures 10(a) and 10(b) for the AM and PM peak hours, respectively.

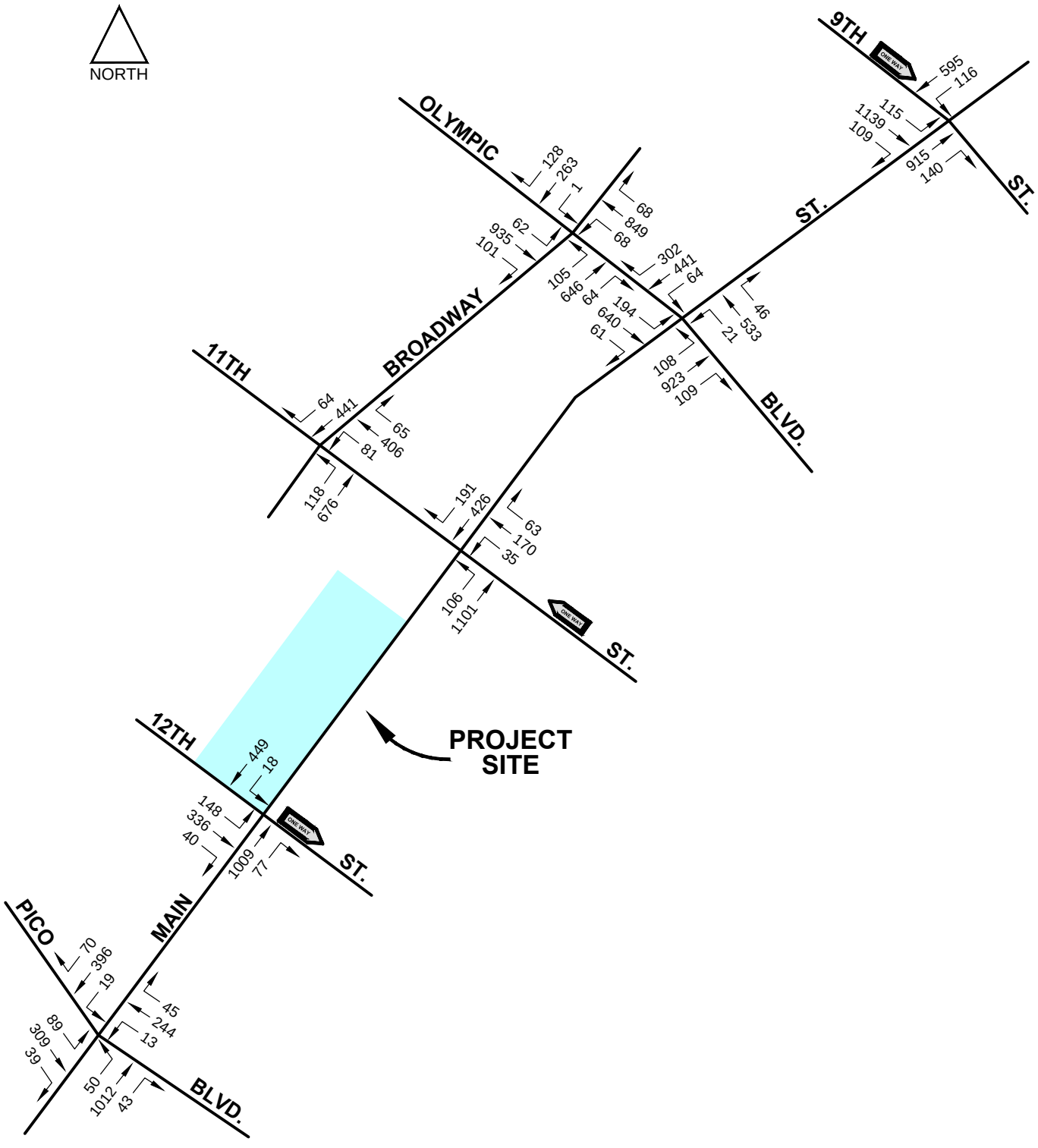


FIGURE 10(a)

4/17/2019

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FUTURE (2026) TRAFFIC VOLUMES
WITHOUT PROJECT
AM PEAK HOUR

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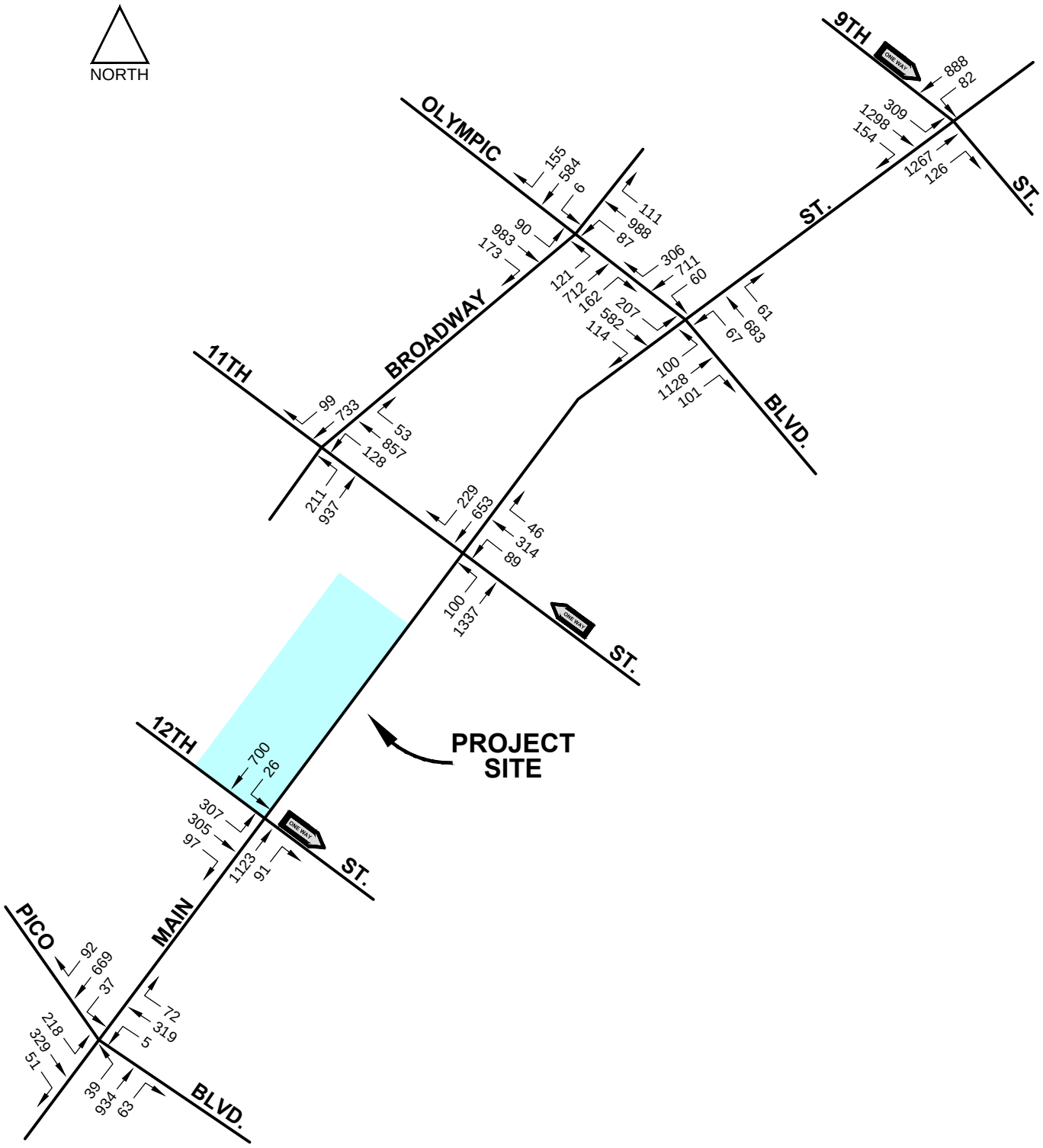


FIGURE 10(b)

4/17/2019

MainStreetTower\PM2026WO

FUTURE (2026) TRAFFIC VOLUMES
WITHOUT PROJECT
PM PEAK HOUR

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Project volumes [Figures 6(a) and 6(b)], as determined earlier, were then added to the Future (2026) Without Project traffic volumes to develop the Future (2026) With Project traffic volumes. The Future (2026) With Project volumes were then used to determine traffic impacts directly attributable to the Project. The Future (2026) With Project AM and PM peak-hour traffic volumes are shown in Figures 11(a) and 11(b), respectively.

The results of the analysis of existing and future traffic conditions at the study intersections are summarized in Table 8. As shown in Table 8, following the addition of Project-related traffic to Existing traffic conditions, all intersections would maintain the same LOS during both peak hours. Six study intersections would operate at LOS A during both peak hours, and one intersection would operate at LOS D during one peak hour (Broadway & 11th Street - PM peak hour).

As shown, under Future (2026) Without Project conditions, traffic operations are expected to degrade when compared with existing conditions due to the ambient and related project traffic volume growth. Under Future (2026) Without Project conditions, three study intersections would operate at LOS C or better during both peak hours, three intersections would operate at LOS D during one peak hour (Broadway & Olympic Boulevard, Main Street & Olympic Boulevard, Main Street & Pico Boulevard – all during the PM peak hour), and one intersection would operate at LOS F during one peak hour (Broadway & 11th Street - PM peak hour).

Under Future (2026) With Project conditions, following the addition of Project-related traffic to Future (2026) Without Project conditions, all intersections would maintain the same LOS during both peak hours. Under Future (2026) With Project conditions, three study intersections would continue to operate at LOS C or better during both peak hours, three intersections would continue to operate at LOS D during one peak hour (Broadway & Olympic Boulevard, Main Street & Olympic Boulevard, Main Street & Pico Boulevard – all during the PM peak hour), and one intersection would continue to

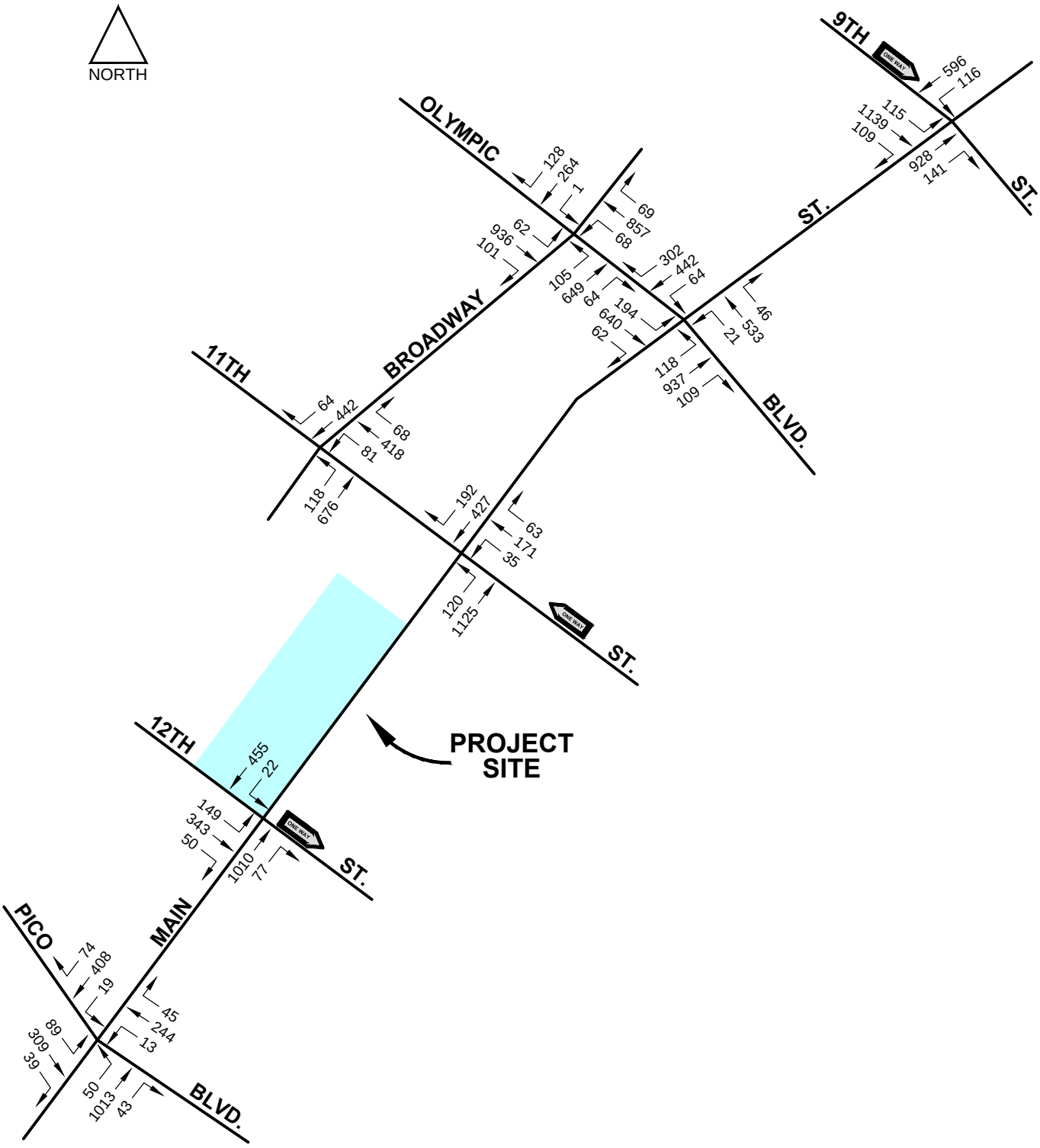


FIGURE 11(a)

4/17/2019

MainStreetTower\AM2026WP

FUTURE (2026) TRAFFIC VOLUMES
WITH PROJECT
AM PEAK HOUR

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
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Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
www.crainandassociates.com

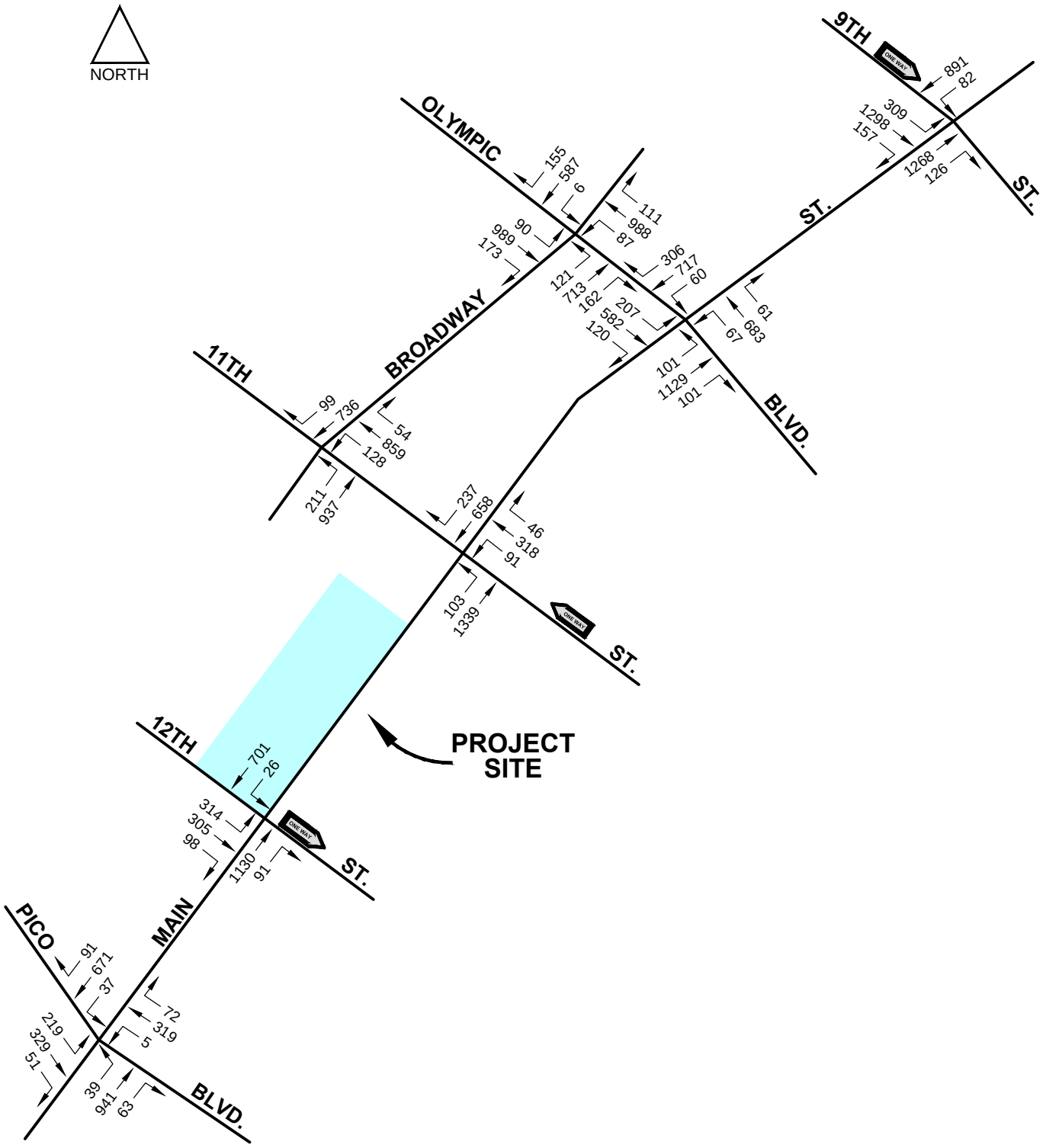


FIGURE 11(b)

4/17/2019

MainStreetTower\PM2026WP

FUTURE (2026) TRAFFIC VOLUMES
WITH PROJECT
PM PEAK HOUR

CRAIN & ASSOCIATES
Transportation Planning
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Table 8
Critical Movement Analysis (CMA) & Level of Service (LOS) Summary
Existing (2019) and Future (2026) Traffic Conditions

			Existing (2019) Conditions					Future (2026) Conditions					
		Peak	Existing		Plus Project			Without Project		With Project			
No.	Intersection	Hour	V/C	LOS	V/C	LOS	Impact	V/C	LOS	V/C	LOS	Impact	Sig.?
1	Broadway &	AM	0.396	A	0.398	A	0.002	0.577	A	0.579	A	0.002	No
	Olympic Boulevard	PM	0.585	A	0.589	A	0.004	0.817	D	0.821	D	0.004	No
2	Broadway &	AM	0.360	A	0.369	A	0.009	0.616	B	0.625	B	0.009	No
	11th Street	PM	0.873	D	0.877	D	0.004	1.197	F	1.200	F	0.003	No
3	Main Street &	AM	0.354	A	0.359	A	0.005	0.560	A	0.564	A	0.004	No
	9th Street	PM	0.482	A	0.483	A	0.001	0.700	C	0.701	C	0.001	No
4	Main Street &	AM	0.404	A	0.409	A	0.005	0.625	B	0.633	B	0.008	No
	Olympic Boulevard	PM	0.519	A	0.524	A	0.005	0.875	D	0.880	D	0.005	No
5	Main Street &	AM	0.212	A	0.221	A	0.009	0.336	A	0.344	A	0.008	No
	11th Street	PM	0.336	A	0.343	A	0.007	0.537	A	0.544	A	0.007	No
6	Main Street &	AM	0.260	A	0.268	A	0.008	0.374	A	0.383	A	0.009	No
	12th Street	PM	0.319	A	0.321	A	0.002	0.571	A	0.577	A	0.006	No
7	Main Street &	AM	0.401	A	0.401	A	0.000	0.541	A	0.541	A	0.000	No
	Pico Boulevard	PM	0.557	A	0.559	A	0.002	0.811	D	0.813	D	0.002	No

operate at LOS F during one peak hour (Broadway & 11th Street - PM peak hour). The CMA/LOS calculation worksheets are included in Appendix D.

Significant Traffic Impact Criteria

The LADOT defines a significant intersection traffic impact attributable to a project based on a "stepped scale," with intersections experiencing high V/C ratios being more sensitive to additional traffic than those operating with more available capacity. According to LADOT policy, a significant impact is identified as an increase in the V/C ratio, due to Project-related traffic under future buildout conditions, of 0.010 or more when the final (with Project) LOS is E or F, a V/C ratio increase of 0.020 or more when the final LOS is D, or an increase of 0.040 or more when the final LOS is C. No significant impacts are deemed to occur at LOS A or B, as these operating conditions exhibit sufficient surplus capacities to accommodate large traffic increases with little effect on traffic delays. These criteria are summarized below in Table 9.

Table 9
LADOT Criteria for Significant Intersection Traffic Impacts

LOS	Final V/C Ratio	Project-Related Increase in V/C Ratio
C	> 0.700 - 0.800	equal to or greater than 0.040
D	> 0.800 - 0.900	equal to or greater than 0.020
E, F	> 0.900	equal to or greater than 0.010

These LADOT criteria were applied for the seven study intersections. Based on these criteria and as shown previously in Table 8, the Project would not significantly impact any of the study intersections during either peak hour.

Congestion Management Program (CMP) Impact Analysis

The traffic impact guidelines of the current 2010 CMP for Los Angeles County require analysis of all CMP arterial monitoring locations where a project could add a total of 50

or more trips during either peak hour. Additionally, all freeway monitoring locations where a project could add 150 or more trips in either direction during the peak hours are to be analyzed.

The nearest CMP arterial monitoring locations to the Project site are the intersection of Alameda Street and Washington Boulevard (approximately 1.7 miles southeast of the Project site) and the intersection of Alvarado Street and Wilshire Boulevard (approximately 1.7 miles northwest). Based on a review of the Project trip generation [shown in Table 5] and the Project trip distribution patterns [shown in Figures 5(a) and 5(b)], the Project is expected to contribute minimal traffic volumes to these CMP monitoring intersections during the weekday AM and PM peak hours (fewer than five trips at each intersection, during each peak hour). Further, it is expected that Project traffic volume contributions to more distant CMP arterial monitoring locations would be even lower, given that Project traffic would disperse across an increasing number of roadways when farther from the Project site. With Project traffic contributions well below the 50-trip threshold, no significant Project impacts to CMP arterial monitoring locations are forecast and no additional arterial intersection analysis is necessary.

In terms of CMP freeway monitoring segment analysis, a review of the Project's trip generation indicates that the Project would not generate more than 69 net directional (inbound or outbound) trips during either peak hour. Therefore, the Project would contribute well below the 150 directional-trip threshold to all CMP freeway monitoring segments, no significant Project impacts to CMP freeway monitoring locations are forecast, and no additional freeway analysis is necessary.

The local CMP also requires that all projects consider potential transit impacts. As shown in Table 5, transit adjustments were applied to the proposed and existing commercial uses only, since the trip generation rates applied to the residential use already account for transit availability and usage. The net vehicle trips via transit/walk

adjustments were developed for the proposed and existing commercial uses, but they must still be determined for the proposed residential use.

The transit impact review was undertaken per the 2010 CMP guidelines. As the Project is located within one-quarter mile of multiple Metro Rapid Bus facilities, a transit/walk factor of 15 percent of baseline vehicle trips was conservatively assumed for the residential use. This transit/walk factor is consistent with the LADOT *Transportation Impact Study Guidelines* (December 2016). The baseline vehicular trip generation estimates for the proposed residential use were 751 vehicles per day, with 76 AM peak-hour and 69 PM peak-hour vehicle trips. As described in the Project Traffic section, the proposed residential use baseline trip estimates already reflect transit adjustments, so these trips correspond to the 85 percent of total trips accessing the site via non-transit facilities. Therefore, to calculate the 15 percent of total trips using transit facilities, the baseline trips were multiplied by a factor of 0.1765 (15÷85), resulting in transit/walk vehicle trip reductions of 133 vehicles per day, including 13 AM peak-hour and 12 PM peak-hour trips.

These proposed residential use vehicle trip reductions were combined with those calculated for the commercial uses [see Table 5], yielding net vehicle trip reductions of 53 daily trips, including 11 AM peak-hour and 4 PM peak-hour trips[2]. Per 2010 CMP guidelines, person transit trips can be estimated by multiplying the transit vehicle trip reductions by a conversion factor of 1.4. Therefore, the number of net Project person transit trips would be approximately 74 daily person transit trips, with 15 AM peak-hour and 6 PM peak-hour person transit trips.

Given that the capacity of one standard bus is 40 riders, and there are 40+ bus lines with a reasonable walking distance of the Project site, with several more bus lines and

[2] Proposed residential use transit/walk vehicle trip reductions (133 daily, 13 AM peak-hour, 12 PM peak-hour) + proposed commercial use transit/walk vehicle trip reductions (71 daily, 2 AM peak-hour, 7 PM peak-hour) – existing commercial use transit/walk vehicle trip reductions (151 daily, 4 AM peak-hour, 15 PM peak-hour).

rail facilities slightly outside the reasonable walking distance (but within approximately one-half mile), these daily and peak-hour levels of Project transit ridership are anticipated to have a minimal impact on the surrounding transit network. Therefore, it is expected that the incremental additions of Project person transit trips would not have a significant impact on transit service in the study area.

Residential Street/Neighborhood Intrusion Impact Analysis

In order to address local residential neighborhood concerns, the LADOT requires the preparation of a residential street impact analysis if a development project meets certain conditions. These conditions include the proposed development project being non-residential and non-school in nature, with an anticipated significant traffic contribution to a congested arterial (with intersections operating at LOS E or F) in the presence of local residential street(s) that provide viable alternate route(s). The Project has proposed commercial and residential components, but the proposed commercial component measures only 12,500 square feet in floor area and generates minimal vehicle trips. Accounting for the removal of the existing commercial uses, the non-residential portion of the Project generates net negative vehicle trips during all analyzed time periods. Further, given the location of the Project site, there are no viable local street diversion routes available to avoid congested arterial streets and intersections. Therefore, the Project is not expected to significantly impact local residential streets and no further analysis is required.

MITIGATION MEASURES

As indicated in the preceding traffic analysis, the proposed Main Street Tower project is not expected to significantly impact any of the seven study intersections, any CMP monitoring locations, public transit, or residential street facilities. Therefore, no transportation-related mitigation measures are required for the Project.

APPENDIX A

PROJECT SITE EXISTING OCCUPANCY RECORDS

Address: 1123-1161 S. Main Street and 111 W. 12th Street

Address	Land Use	Square Feet
1123-1139 S. Main Street	Parking Lot	--
1147 S. Main Street	Retail	5,000
1151 S. Main Street	Retail	7,500
1155 S. Main Street	Retail	3,465
1157 S. Main Street	Retail	2,220
1159 S. Main Street (A)	Retail	1,500
1159 S. Main Street (B)	Vacant	1,400
1159 S. Main Street (C)	Retail	1,265
111 W. 12th Street	Retail	5,760

Total Retail	26,710
Total Vacant	1,400
Total Square Footage	28,110

APPENDIX B

TRAFFIC COUNT DATA SHEETS

APPENDIX A

TRAFFIC COUNT DATA SHEETS

Counts Unlimited
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Corona, CA 92878
(951) 268-6268

City of Los Angeles
N/S: Broadway
E/W: Olympic Boulevard
Weather: Clear

File Name : LACBROLAM
Site Code : 16615
Start Date : 11/15/2016
Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

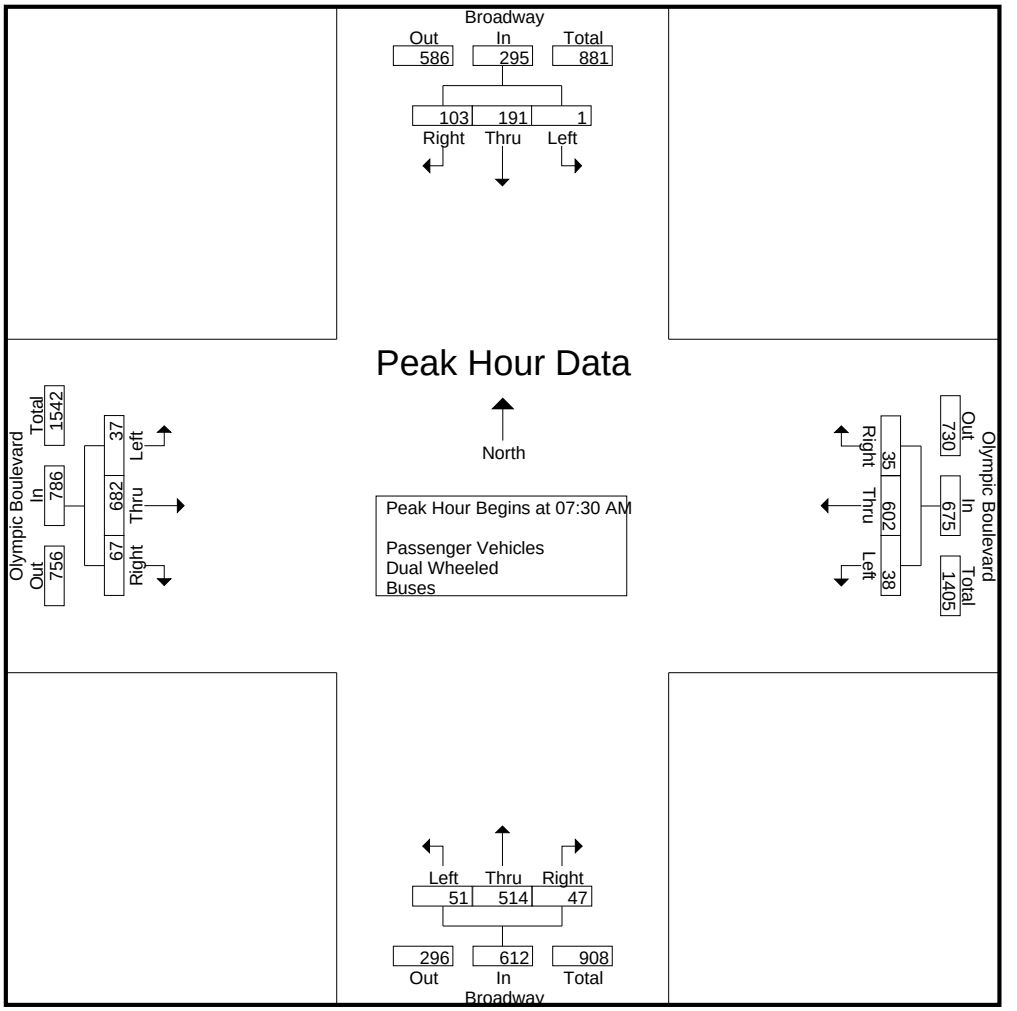
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	44	10	54	13	127	7	147	10	115	9	134	6	77	8	91	426
07:15 AM	1	40	13	54	16	152	8	176	12	128	15	155	9	99	9	117	502
07:30 AM	0	44	28	72	9	142	8	159	8	139	7	154	9	152	16	177	562
07:45 AM	0	52	21	73	11	139	6	156	17	126	11	154	8	167	20	195	578
Total	1	180	72	253	49	560	29	638	47	508	42	597	32	495	53	580	2068
08:00 AM	0	50	27	77	6	182	6	194	13	127	13	153	8	166	14	188	612
08:15 AM	1	45	27	73	12	139	15	166	13	122	16	151	12	197	17	226	616
08:30 AM	0	58	32	90	6	155	14	175	5	112	18	135	8	132	10	150	550
08:45 AM	0	60	20	80	10	141	10	161	3	88	12	103	10	136	9	155	499
Total	1	213	106	320	34	617	45	696	34	449	59	542	38	631	50	719	2277
09:00 AM	0	69	31	100	14	124	13	151	14	112	20	146	11	131	15	157	554
09:15 AM	0	62	50	112	12	122	8	142	12	86	37	135	8	145	13	166	555
09:30 AM	0	54	29	83	18	135	11	164	21	90	40	151	16	131	30	177	575
09:45 AM	0	67	28	95	18	131	13	162	15	95	28	138	12	126	18	156	551
Total	0	252	138	390	62	512	45	619	62	383	125	570	47	533	76	656	2235
Grand Total	2	645	316	963	145	1689	119	1953	143	1340	226	1709	117	1659	179	1955	6580
Apprch %	0.2	67	32.8		7.4	86.5	6.1		8.4	78.4	13.2		6	84.9	9.2		
Total %	0	9.8	4.8	14.6	2.2	25.7	1.8	29.7	2.2	20.4	3.4	26	1.8	25.2	2.7	29.7	
Passenger Vehicles	2	624	297	923	134	1574	102	1810	134	1196	211	1541	109	1552	178	1839	6113
% Passenger Vehicles	100	96.7	94	95.8	92.4	93.2	85.7	92.7	93.7	89.3	93.4	90.2	93.2	93.6	99.4	94.1	92.9
Dual Wheeled	0	19	18	37	11	63	17	91	9	29	12	50	7	46	1	54	232
% Dual Wheeled	0	2.9	5.7	3.8	7.6	3.7	14.3	4.7	6.3	2.2	5.3	2.9	6	2.8	0.6	2.8	3.5
Buses	0	2	1	3	0	52	0	52	0	115	3	118	1	61	0	62	235
% Buses	0	0.3	0.3	0.3	0	3.1	0	2.7	0	8.6	1.3	6.9	0.9	3.7	0	3.2	3.6

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	44	**28**	72	9	142	8	159	8	**139**	7	**154**	9	152	16	177	562
07:45 AM	0	**52**	21	73	11	139	6	156	**17**	126	11	154	8	167	**20**	195	578
08:00 AM	0	50	27	**77**	6	**182**	6	**194**	13	127	13	153	8	166	14	188	612
08:15 AM	**1**	45	27	73	**12**	139	**15**	166	13	122	**16**	151	**12**	**197**	17	**226**	**616**
Total Volume	1	191	103	295	38	602	35	675	51	514	47	612	37	682	67	786	2368
% App. Total	0.3	64.7	34.9		5.6	89.2	5.2		8.3	84	7.7		4.7	86.8	8.5		
PHF	.250	.918	.920	.958	.792	.827	.583	.870	.750	.924	.734	.994	.771	.865	.838	.869	.961

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Site Code : 16615
Start Date : 11/15/2016
Page No : 2



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	09:00 AM				08:00 AM				07:15 AM				07:30 AM			
+0 mins.	0	**69**	31	100	6	**182**	6	**194**	12	128	**15**	**155**	9	152	16	177
+15 mins.	0	62	**50**	**112**	**12**	139	**15**	166	8	**139**	7	154	8	167	**20**	195
+30 mins.	0	54	29	83	6	155	14	175	**17**	126	11	154	8	166	14	188
+45 mins.	0	67	28	95	10	141	10	161	13	127	13	153	**12**	**197**	17	**226**
Total Volume	0	252	138	390	34	617	45	696	50	520	46	616	37	682	67	786
% App. Total	0	64.6	35.4		4.9	88.6	6.5		8.1	84.4	7.5		4.7	86.8	8.5	
PHF	.000	.913	.690	.871	.708	.848	.750	.897	.735	.935	.767	.994	.771	.865	.838	.869

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Groups Printed- Passenger Vehicles

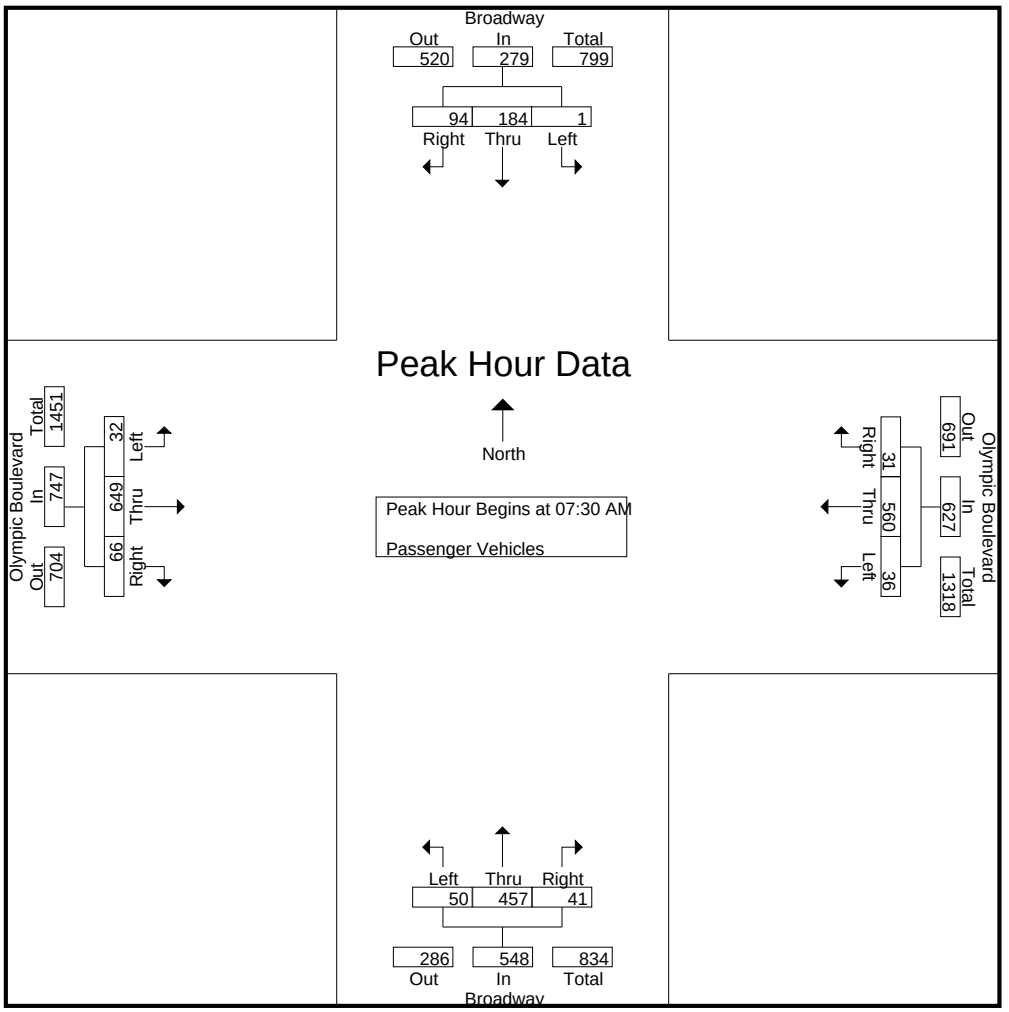
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	42	10	52	12	117	7	136	9	100	8	117	6	69	8	83	388
07:15 AM	1	38	12	51	16	143	7	166	11	116	14	141	9	91	9	109	467
07:30 AM	0	42	22	64	9	131	7	147	8	125	7	140	6	143	16	165	516
07:45 AM	0	51	21	72	11	129	6	146	16	114	8	138	6	158	20	184	540
Total	1	173	65	239	48	520	27	595	44	455	37	536	27	461	53	541	1911
08:00 AM	0	46	24	70	6	168	5	179	13	113	11	137	8	156	13	177	563
08:15 AM	1	45	27	73	10	132	13	155	13	105	15	133	12	192	17	221	582
08:30 AM	0	57	32	89	5	147	14	166	5	102	17	124	8	124	10	142	521
08:45 AM	0	60	17	77	7	128	8	143	3	77	11	91	10	125	9	144	455
Total	1	208	100	309	28	575	40	643	34	397	54	485	38	597	49	684	2121
09:00 AM	0	66	29	95	11	119	10	140	11	105	20	136	10	121	15	146	517
09:15 AM	0	62	48	110	12	115	4	131	10	75	35	120	7	132	13	152	513
09:30 AM	0	51	28	79	17	122	10	149	20	80	38	138	15	123	30	168	534
09:45 AM	0	64	27	91	18	123	11	152	15	84	27	126	12	118	18	148	517
Total	0	243	132	375	58	479	35	572	56	344	120	520	44	494	76	614	2081
Grand Total	2	624	297	923	134	1574	102	1810	134	1196	211	1541	109	1552	178	1839	6113
Apprch %	0.2	67.6	32.2		7.4	87	5.6		8.7	77.6	13.7		5.9	84.4	9.7		
Total %	0	10.2	4.9	15.1	2.2	25.7	1.7	29.6	2.2	19.6	3.5	25.2	1.8	25.4	2.9	30.1	

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	42	22	64	9	131	7	147	8	**125**	7	**140**	6	143	16	165	516
07:45 AM	0	**51**	21	72	**11**	129	6	146	**16**	114	8	138	6	158	**20**	184	540
08:00 AM	0	46	24	70	6	**168**	5	**179**	13	113	11	137	8	156	13	177	563
08:15 AM	**1**	45	**27**	**73**	10	132	**13**	155	13	105	**15**	133	**12**	**192**	17	**221**	**582**
Total Volume	1	184	94	279	36	560	31	627	50	457	41	548	32	649	66	747	2201
% App. Total	0.4	65.9	33.7		5.7	89.3	4.9		9.1	83.4	7.5		4.3	86.9	8.8		
PHF	.250	.902	.870	.955	.818	.833	.596	.876	.781	.914	.683	.979	.667	.845	.825	.845	.945

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Site Code : 16615
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Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	42	22	64	9	131	7	147	8	**125**	7	**140**	6	143	16	165
+15 mins.	0	**51**	21	72	**11**	129	6	146	**16**	114	8	138	6	158	**20**	184
+30 mins.	0	46	24	70	6	**168**	5	**179**	13	113	11	137	8	156	13	177
+45 mins.	**1**	45	**27**	**73**	10	132	**13**	155	13	105	**15**	133	**12**	**192**	17	**221**
Total Volume	1	184	94	279	36	560	31	627	50	457	41	548	32	649	66	747
% App. Total	0.4	65.9	33.7		5.7	89.3	4.9		9.1	83.4	7.5		4.3	86.9	8.8	
PHF	.250	.902	.870	.955	.818	.833	.596	.876	.781	.914	.683	.979	.667	.845	.825	.845

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N/S: Broadway
E/W: Olympic Boulevard
Weather: Clear

File Name : LACBROLAM
Site Code : 16615
Start Date : 11/15/2016

Groups Printed- Dual Wheeled

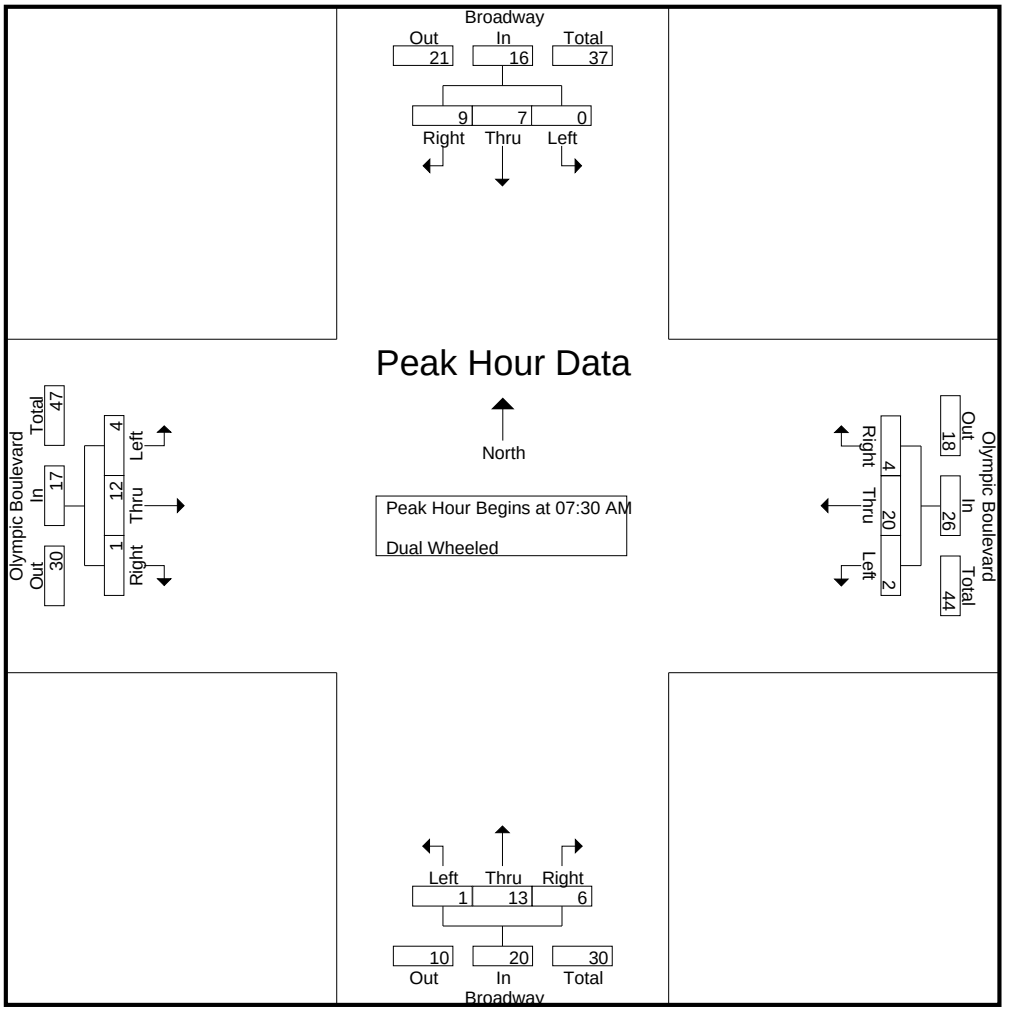
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	2	0	2	1	6	0	7	1	1	1	3	0	6	0	6	18
07:15 AM	0	2	1	3	0	4	1	5	1	1	0	2	0	1	0	1	11
07:30 AM	0	2	6	8	0	5	1	6	0	3	0	3	2	3	0	5	22
07:45 AM	0	1	0	1	0	6	0	6	1	3	3	7	2	4	0	6	20
Total	0	7	7	14	1	21	2	24	3	8	4	15	4	14	0	18	71
08:00 AM	0	4	3	7	0	5	1	6	0	3	2	5	0	4	1	5	23
08:15 AM	0	0	0	0	2	4	2	8	0	4	1	5	0	1	0	1	14
08:30 AM	0	1	0	1	1	4	0	5	0	2	0	2	0	3	0	3	11
08:45 AM	0	0	3	3	3	10	2	15	0	2	1	3	0	5	0	5	26
Total	0	5	6	11	6	23	5	34	0	11	4	15	0	13	1	14	74
09:00 AM	0	3	2	5	3	2	3	8	3	2	0	5	1	3	0	4	22
09:15 AM	0	0	2	2	0	4	4	8	2	2	1	5	1	9	0	10	25
09:30 AM	0	2	0	2	1	8	1	10	1	1	2	4	1	3	0	4	20
09:45 AM	0	2	1	3	0	5	2	7	0	5	1	6	0	4	0	4	20
Total	0	7	5	12	4	19	10	33	6	10	4	20	3	19	0	22	87
Grand Total	0	19	18	37	11	63	17	91	9	29	12	50	7	46	1	54	232
Apprch %	0	51.4	48.6		12.1	69.2	18.7		18	58	24		13	85.2	1.9		
Total %	0	8.2	7.8	15.9	4.7	27.2	7.3	39.2	3.9	12.5	5.2	21.6	3	19.8	0.4	23.3	

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	2	**6**	**8**	0	5	1	6	0	3	0	3	**2**	3	0	5	22
07:45 AM	0	1	0	1	0	**6**	0	6	**1**	3	**3**	**7**	2	**4**	0	**6**	20
08:00 AM	0	**4**	3	7	0	5	1	6	0	3	2	5	0	4	**1**	5	**23**
08:15 AM	0	0	0	0	**2**	4	**2**	**8**	0	**4**	1	5	0	1	0	1	14
Total Volume	0	7	9	16	2	20	4	26	1	13	6	20	4	12	1	17	79
% App. Total	0	43.8	56.2		7.7	76.9	15.4		5	65	30		23.5	70.6	5.9		
PHF	.000	.438	.375	.500	.250	.833	.500	.813	.250	.813	.500	.714	.500	.750	.250	.708	.859

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Site Code : 16615
Start Date : 11/15/2016
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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	2	**6**	**8**	0	5	1	6	0	3	0	3	**2**	3	0	5
+15 mins.	0	1	0	1	0	**6**	0	6	**1**	3	**3**	**7**	2	**4**	0	**6**
+30 mins.	0	**4**	3	7	0	5	1	6	0	3	2	5	0	4	**1**	5
+45 mins.	0	0	0	0	**2**	4	**2**	**8**	0	**4**	1	5	0	1	0	1
Total Volume	0	7	9	16	2	20	4	26	1	13	6	20	4	12	1	17
% App. Total	0	43.8	56.2		7.7	76.9	15.4		5	65	30		23.5	70.6	5.9	
PHF	.000	.438	.375	.500	.250	.833	.500	.813	.250	.813	.500	.714	.500	.750	.250	.708

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Groups Printed- Buses

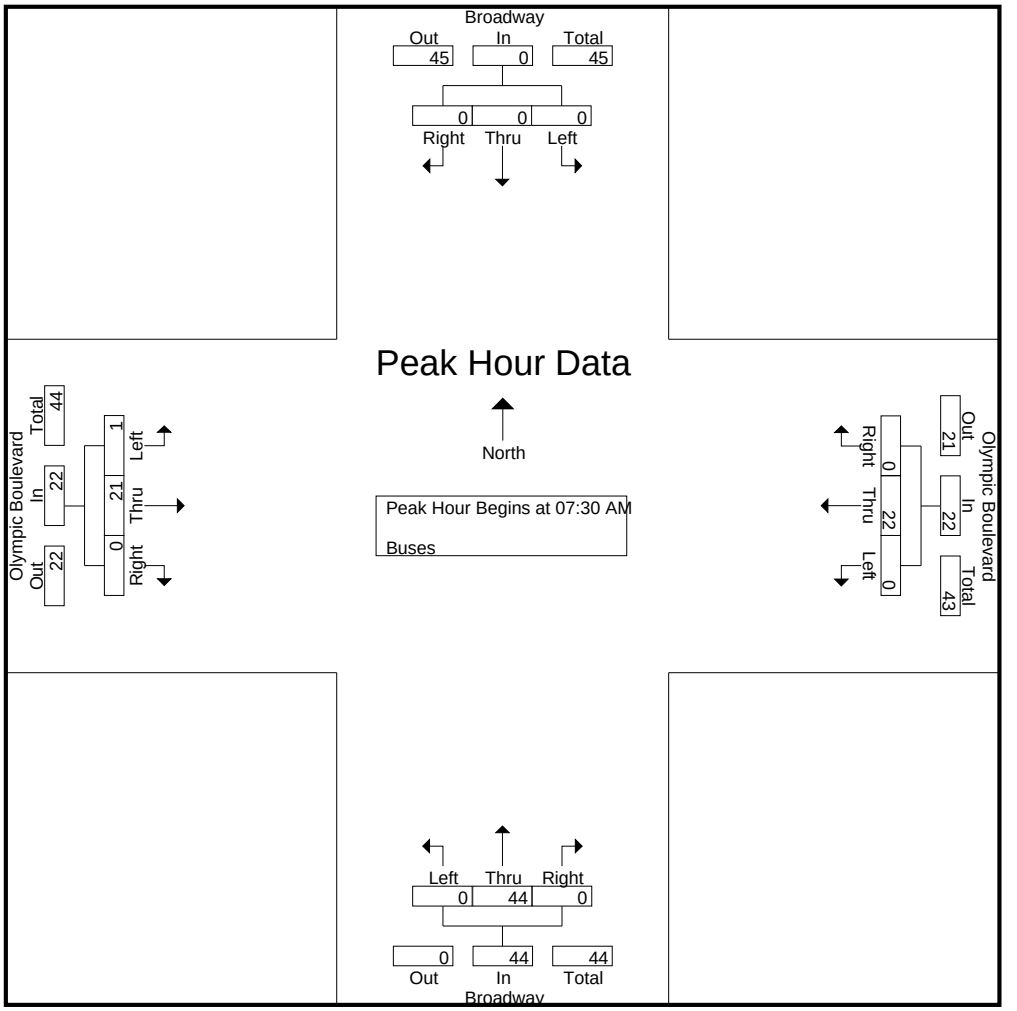
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	4	0	4	0	14	0	14	0	2	0	2	20
07:15 AM	0	0	0	0	0	5	0	5	0	11	1	12	0	7	0	7	24
07:30 AM	0	0	0	0	0	6	0	6	0	11	0	11	1	6	0	7	24
07:45 AM	0	0	0	0	0	4	0	4	0	9	0	9	0	5	0	5	18
Total	0	0	0	0	0	19	0	19	0	45	1	46	1	20	0	21	86
08:00 AM	0	0	0	0	0	9	0	9	0	11	0	11	0	6	0	6	26
08:15 AM	0	0	0	0	0	3	0	3	0	13	0	13	0	4	0	4	20
08:30 AM	0	0	0	0	0	4	0	4	0	8	1	9	0	5	0	5	18
08:45 AM	0	0	0	0	0	3	0	3	0	9	0	9	0	6	0	6	18
Total	0	0	0	0	0	19	0	19	0	41	1	42	0	21	0	21	82
09:00 AM	0	0	0	0	0	3	0	3	0	5	0	5	0	7	0	7	15
09:15 AM	0	0	0	0	0	3	0	3	0	9	1	10	0	4	0	4	17
09:30 AM	0	1	1	2	0	5	0	5	0	9	0	9	0	5	0	5	21
09:45 AM	0	1	0	1	0	3	0	3	0	6	0	6	0	4	0	4	14
Total	0	2	1	3	0	14	0	14	0	29	1	30	0	20	0	20	67
Grand Total	0	2	1	3	0	52	0	52	0	115	3	118	1	61	0	62	235
Apprch %	0	66.7	33.3		0	100	0		0	97.5	2.5		1.6	98.4	0		
Total %	0	0.9	0.4	1.3	0	22.1	0	22.1	0	48.9	1.3	50.2	0.4	26	0	26.4	

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	0	0	0	0	6	0	6	0	11	0	11	**1**	**6**	0	**7**	24
07:45 AM	0	0	0	0	0	4	0	4	0	9	0	9	0	5	0	5	18
08:00 AM	0	0	0	0	0	**9**	0	**9**	0	11	0	11	0	6	0	6	**26**
08:15 AM	0	0	0	0	0	3	0	3	0	**13**	0	**13**	0	4	0	4	20
Total Volume	0	0	0	0	0	22	0	22	0	44	0	44	1	21	0	22	88
% App. Total	0	0	0		0	100	0		0	100	0		4.5	95.5	0		
PHF	.000	.000	.000	.000	.000	.611	.000	.611	.000	.846	.000	.846	.250	.875	.000	.786	.846

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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	0	0	0	0	6	0	6	0	11	0	11	**1**	**6**	0	**7**
+15 mins.	0	0	0	0	0	4	0	4	0	9	0	9	0	5	0	5
+30 mins.	0	0	0	0	0	**9**	0	**9**	0	11	0	11	0	6	0	6
+45 mins.	0	0	0	0	0	3	0	3	0	**13**	0	**13**	0	4	0	4
Total Volume	0	0	0	0	0	22	0	22	0	44	0	44	1	21	0	22
% App. Total	0	0	0		0	100	0		0	100	0		4.5	95.5	0	
PHF	.000	.000	.000	.000	.000	.611	.000	.611	.000	.846	.000	.846	.250	.875	.000	.786

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Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

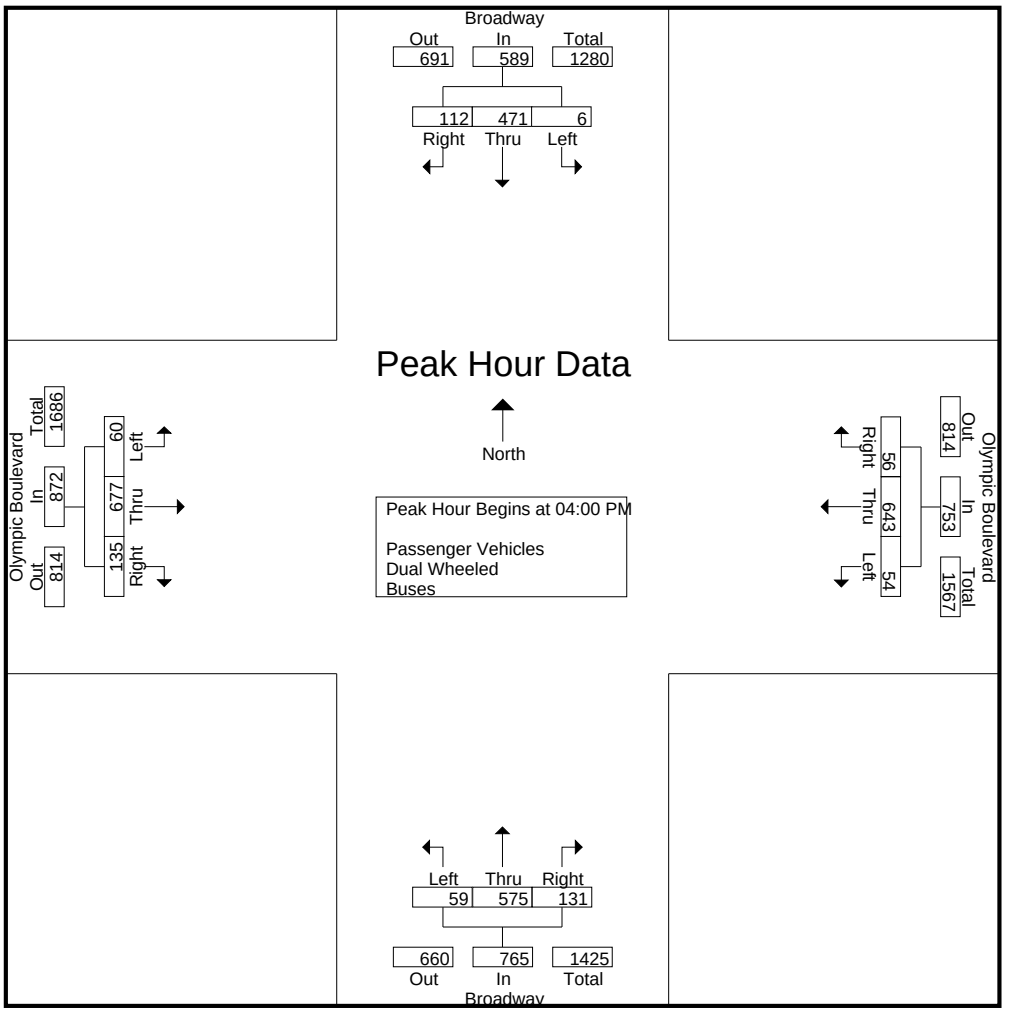
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	82	34	116	18	139	12	169	14	73	11	98	14	132	27	173	556
03:15 PM	0	108	41	149	15	150	16	181	17	89	8	114	20	129	30	179	623
03:30 PM	1	92	31	124	11	136	10	157	16	90	28	134	12	162	28	202	617
03:45 PM	0	108	31	139	13	142	13	168	6	96	13	115	8	162	27	197	619
Total	1	390	137	528	57	567	51	675	53	348	60	461	54	585	112	751	2415
04:00 PM	0	115	28	143	17	156	21	194	16	165	31	212	9	166	35	210	759
04:15 PM	1	125	30	156	15	168	14	197	13	141	32	186	14	171	35	220	759
04:30 PM	5	115	21	141	12	172	11	195	18	134	36	188	11	168	31	210	734
04:45 PM	0	116	33	149	10	147	10	167	12	135	32	179	26	172	34	232	727
Total	6	471	112	589	54	643	56	753	59	575	131	765	60	677	135	872	2979
05:00 PM	0	109	29	138	20	169	23	212	15	141	28	184	20	159	35	214	748
05:15 PM	0	125	32	157	8	109	5	122	20	156	25	201	16	201	46	263	743
05:30 PM	0	115	24	139	19	143	8	170	9	128	20	157	26	153	22	201	667
05:45 PM	1	130	18	149	11	109	13	133	13	167	13	193	20	152	31	203	678
Total	1	479	103	583	58	530	49	637	57	592	86	735	82	665	134	881	2836
Grand Total	8	1340	352	1700	169	1740	156	2065	169	1515	277	1961	196	1927	381	2504	8230
Apprch %	0.5	78.8	20.7		8.2	84.3	7.6		8.6	77.3	14.1		7.8	77	15.2		
Total %	0.1	16.3	4.3	20.7	2.1	21.1	1.9	25.1	2.1	18.4	3.4	23.8	2.4	23.4	4.6	30.4	
Passenger Vehicles	8	1304	340	1652	160	1649	151	1960	162	1404	266	1832	192	1839	375	2406	7850
% Passenger Vehicles	100	97.3	96.6	97.2	94.7	94.8	96.8	94.9	95.9	92.7	96	93.4	98	95.4	98.4	96.1	95.4
Dual Wheeled	0	29	12	41	7	33	4	44	5	14	6	25	4	49	5	58	168
% Dual Wheeled	0	2.2	3.4	2.4	4.1	1.9	2.6	2.1	3	0.9	2.2	1.3	2	2.5	1.3	2.3	2
Buses	0	7	0	7	2	58	1	61	2	97	5	104	0	39	1	40	212
% Buses	0	0.5	0	0.4	1.2	3.3	0.6	3	1.2	6.4	1.8	5.3	0	2	0.3	1.6	2.6

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	115	28	143	**17**	156	**21**	194	16	**165**	31	**212**	9	166	**35**	210	**759**
04:15 PM	1	**125**	30	**156**	15	168	14	**197**	13	141	32	186	14	171	35	220	759
04:30 PM	**5**	115	21	141	12	**172**	11	195	**18**	134	**36**	188	11	168	31	210	734
04:45 PM	0	116	**33**	149	10	147	10	167	12	135	32	179	**26**	**172**	34	**232**	727
Total Volume	6	471	112	589	54	643	56	753	59	575	131	765	60	677	135	872	2979
% App. Total	1	80	19		7.2	85.4	7.4		7.7	75.2	17.1		6.9	77.6	15.5		
PHF	.300	.942	.848	.944	.794	.935	.667	.956	.819	.871	.910	.902	.577	.984	.964	.940	.981

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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:15 PM				04:00 PM				04:30 PM			
+0 mins.	0	115	28	143	15	168	14	197	16	**165**	31	**212**	11	168	31	210
+15 mins.	1	**125**	30	**156**	12	**172**	11	195	13	141	32	186	**26**	172	34	232
+30 mins.	**5**	115	21	141	10	147	10	167	**18**	134	**36**	188	20	159	35	214
+45 mins.	0	116	**33**	149	**20**	169	**23**	**212**	12	135	32	179	16	**201**	**46**	**263**
Total Volume	6	471	112	589	57	656	58	771	59	575	131	765	73	700	146	919
% App. Total	1	80	19		7.4	85.1	7.5		7.7	75.2	17.1		7.9	76.2	15.9	
PHF	.300	.942	.848	.944	.713	.953	.630	.909	.819	.871	.910	.902	.702	.871	.793	.874

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Groups Printed- Passenger Vehicles

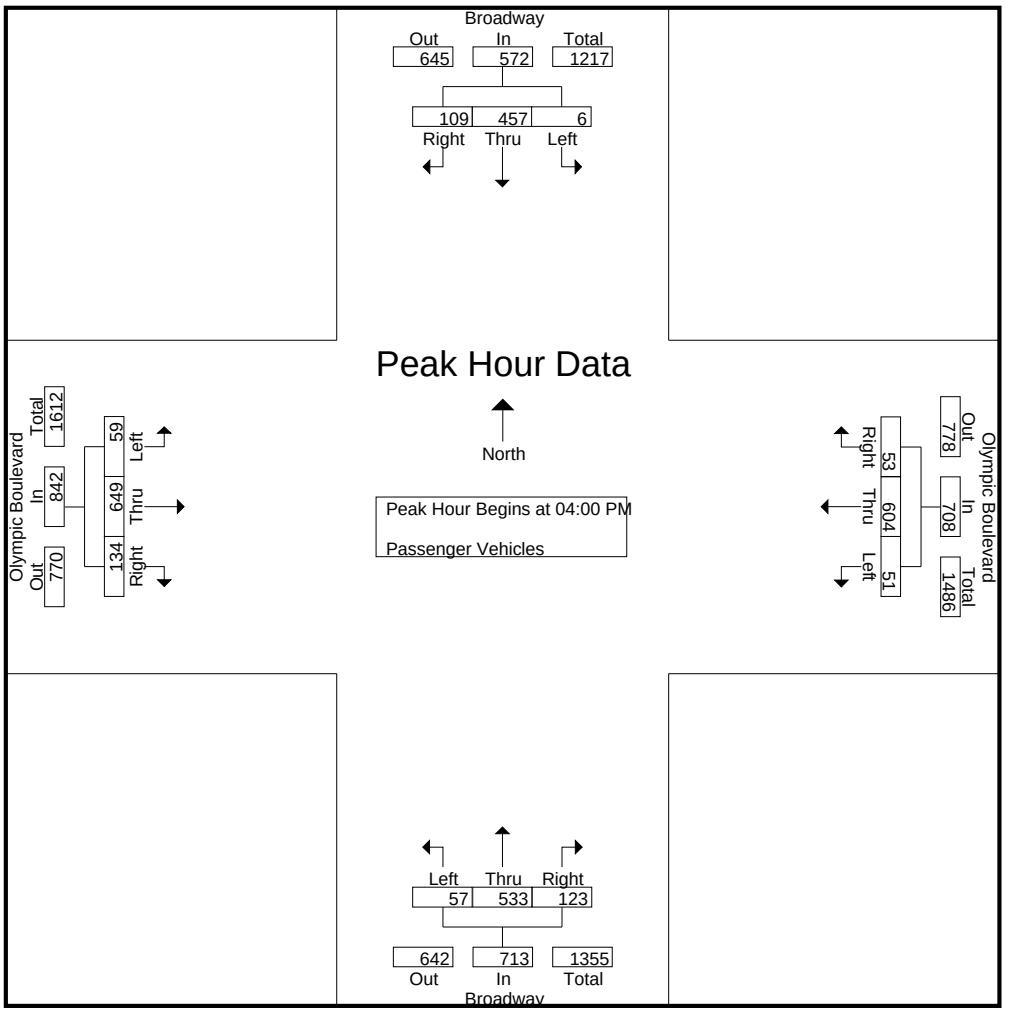
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	77	32	109	17	133	12	162	12	61	11	84	14	121	27	162	517
03:15 PM	0	105	40	145	14	142	15	171	16	78	8	102	19	121	29	169	587
03:30 PM	1	89	28	118	11	129	10	150	15	81	26	122	12	150	28	190	580
03:45 PM	0	105	31	136	11	133	13	157	6	87	13	106	7	152	23	182	581
Total	1	376	131	508	53	537	50	640	49	307	58	414	52	544	107	703	2265
04:00 PM	0	111	26	137	17	142	20	179	16	153	28	197	9	158	35	202	715
04:15 PM	1	123	29	153	15	154	14	183	13	131	29	173	14	163	35	212	721
04:30 PM	5	111	21	137	10	165	10	185	18	125	35	178	11	161	31	203	703
04:45 PM	0	112	33	145	9	143	9	161	10	124	31	165	25	167	33	225	696
Total	6	457	109	572	51	604	53	708	57	533	123	713	59	649	134	842	2835
05:00 PM	0	108	28	136	20	161	22	203	14	134	27	175	20	154	35	209	723
05:15 PM	0	123	32	155	7	102	5	114	20	149	25	194	16	196	46	258	721
05:30 PM	0	113	22	135	18	141	8	167	9	119	20	148	25	147	22	194	644
05:45 PM	1	127	18	146	11	104	13	128	13	162	13	188	20	149	31	200	662
Total	1	471	100	572	56	508	48	612	56	564	85	705	81	646	134	861	2750
Grand Total	8	1304	340	1652	160	1649	151	1960	162	1404	266	1832	192	1839	375	2406	7850
Apprch %	0.5	78.9	20.6		8.2	84.1	7.7		8.8	76.6	14.5		8	76.4	15.6		
Total %	0.1	16.6	4.3	21	2	21	1.9	25	2.1	17.9	3.4	23.3	2.4	23.4	4.8	30.6	

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	111	26	137	**17**	142	**20**	179	16	**153**	28	**197**	9	158	**35**	202	715
04:15 PM	1	**123**	29	**153**	15	154	14	183	13	131	29	173	14	163	35	212	**721**
04:30 PM	**5**	111	21	137	10	**165**	10	**185**	**18**	125	**35**	178	11	161	31	203	703
04:45 PM	0	112	**33**	145	9	143	9	161	10	124	31	165	**25**	**167**	33	**225**	696
Total Volume	6	457	109	572	51	604	53	708	57	533	123	713	59	649	134	842	2835
% App. Total	1	79.9	19.1		7.2	85.3	7.5		8	74.8	17.3		7	77.1	15.9		
PHF	.300	.929	.826	.935	.750	.915	.663	.957	.792	.871	.879	.905	.590	.972	.957	.936	.983

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Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	111	26	137	**17**	142	**20**	179	16	**153**	28	**197**	9	158	**35**	202
+15 mins.	1	**123**	29	**153**	15	154	14	183	13	131	29	173	14	163	35	212
+30 mins.	**5**	111	21	137	10	**165**	10	**185**	**18**	125	**35**	178	11	161	31	203
+45 mins.	0	112	**33**	145	9	143	9	161	10	124	31	165	**25**	**167**	33	**225**
Total Volume	6	457	109	572	51	604	53	708	57	533	123	713	59	649	134	842
% App. Total	1	79.9	19.1		7.2	85.3	7.5		8	74.8	17.3		7	77.1	15.9	
PHF	.300	.929	.826	.935	.750	.915	.663	.957	.792	.871	.879	.905	.590	.972	.957	.936

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Groups Printed- Dual Wheeled

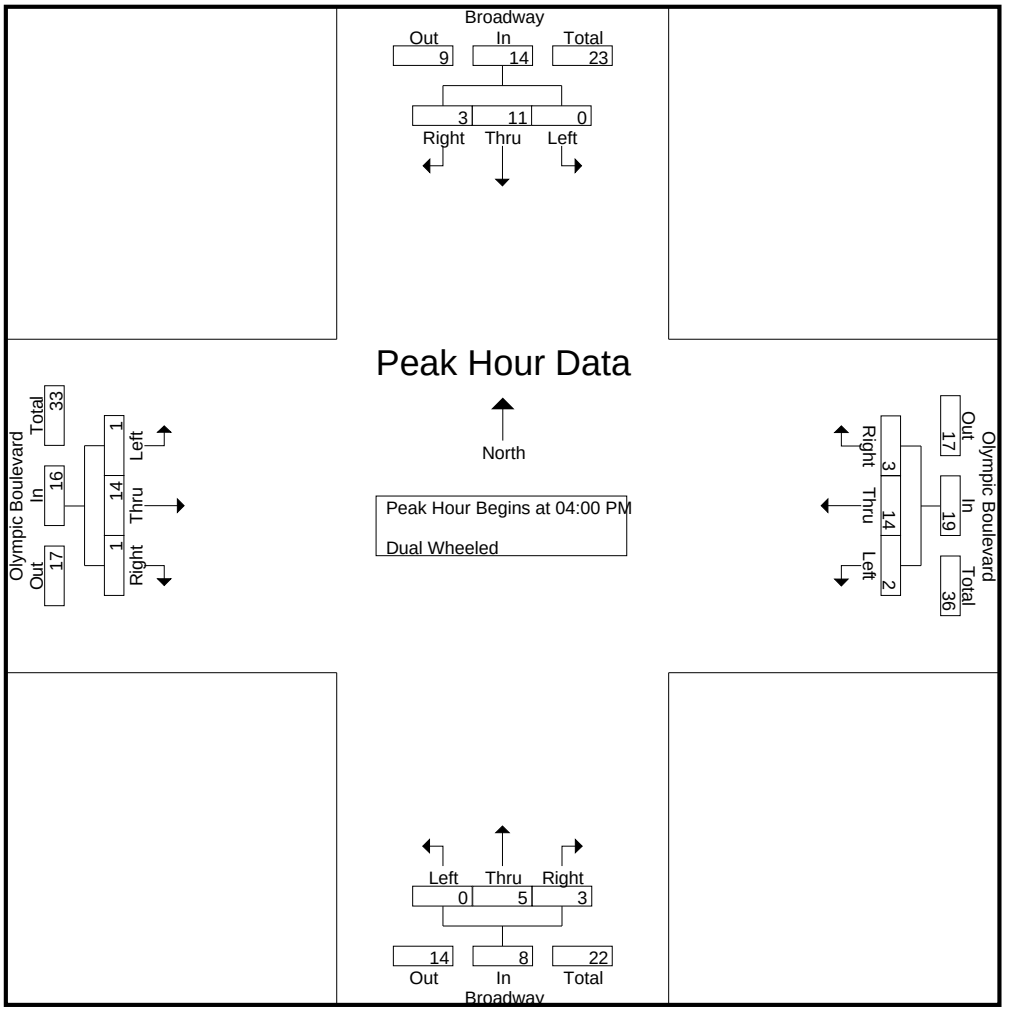
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	3	2	5	1	2	0	3	2	3	0	5	0	7	0	7	20
03:15 PM	0	3	1	4	1	2	1	4	1	1	0	2	1	4	1	6	16
03:30 PM	0	3	3	6	0	3	0	3	1	1	2	4	0	9	0	9	22
03:45 PM	0	2	0	2	2	5	0	7	0	1	0	1	1	7	3	11	21
Total	0	11	6	17	4	12	1	17	4	6	2	12	2	27	4	33	79
04:00 PM	0	3	2	5	0	6	1	7	0	3	0	3	0	5	0	5	20
04:15 PM	0	1	1	2	0	4	0	4	0	0	1	1	0	4	0	4	11
04:30 PM	0	4	0	4	1	3	1	5	0	1	1	2	0	3	0	3	14
04:45 PM	0	3	0	3	1	1	1	3	0	1	1	2	1	2	1	4	12
Total	0	11	3	14	2	14	3	19	0	5	3	8	1	14	1	16	57
05:00 PM	0	1	1	2	0	2	0	2	1	1	1	3	0	2	0	2	9
05:15 PM	0	2	0	2	1	2	0	3	0	1	0	1	0	2	0	2	8
05:30 PM	0	1	2	3	0	2	0	2	0	1	0	1	1	2	0	3	9
05:45 PM	0	3	0	3	0	1	0	1	0	0	0	0	0	2	0	2	6
Total	0	7	3	10	1	7	0	8	1	3	1	5	1	8	0	9	32
Grand Total	0	29	12	41	7	33	4	44	5	14	6	25	4	49	5	58	168
Apprch %	0	70.7	29.3		15.9	75	9.1		20	56	24		6.9	84.5	8.6		
Total %	0	17.3	7.1	24.4	4.2	19.6	2.4	26.2	3	8.3	3.6	14.9	2.4	29.2	3	34.5	

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	3	**2**	**5**	0	**6**	**1**	**7**	0	**3**	0	**3**	0	**5**	0	**5**	**20**
04:15 PM	0	1	1	2	0	4	0	4	0	0	**1**	1	0	4	0	4	11
04:30 PM	0	**4**	0	4	**1**	3	1	5	0	1	1	2	0	3	0	3	14
04:45 PM	0	3	0	3	1	1	1	3	0	1	1	2	**1**	2	**1**	4	12
Total Volume	0	11	3	14	2	14	3	19	0	5	3	8	1	14	1	16	57
% App. Total	0	78.6	21.4		10.5	73.7	15.8		0	62.5	37.5		6.2	87.5	6.2		
PHF	.000	.688	.375	.700	.500	.583	.750	.679	.000	.417	.750	.667	.250	.700	.250	.800	.713

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City of Los Angeles
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E/W: Olympic Boulevard
Weather: Clear

File Name : LACBROLPM
Site Code : 16615
Start Date : 11/15/2016
Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	3	**2**	**5**	0	**6**	**1**	**7**	0	**3**	0	**3**	0	**5**	0	**5**
+15 mins.	0	1	1	2	0	4	0	4	0	0	**1**	1	0	4	0	4
+30 mins.	0	**4**	0	4	**1**	3	1	5	0	1	1	2	0	3	0	3
+45 mins.	0	3	0	3	1	1	1	3	0	1	1	2	**1**	2	**1**	4
Total Volume	0	11	3	14	2	14	3	19	0	5	3	8	1	14	1	16
% App. Total	0	78.6	21.4		10.5	73.7	15.8		0	62.5	37.5		6.2	87.5	6.2	
PHF	.000	.688	.375	.700	.500	.583	.750	.679	.000	.417	.750	.667	.250	.700	.250	.800

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File Name : LACBROLPM
Site Code : 16615
Start Date : 11/15/2016
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Groups Printed- Buses

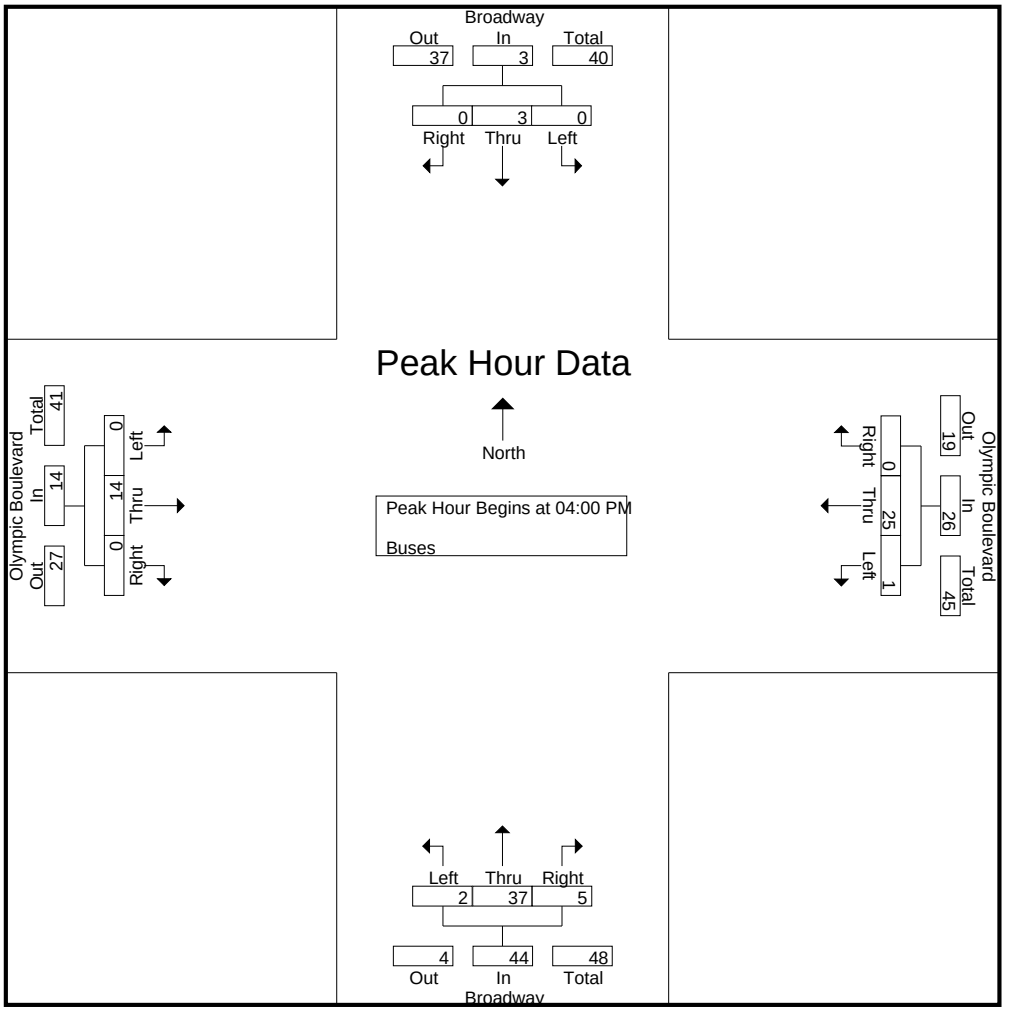
	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	2	0	2	0	4	0	4	0	9	0	9	0	4	0	4	19
03:15 PM	0	0	0	0	0	6	0	6	0	10	0	10	0	4	0	4	20
03:30 PM	0	0	0	0	0	4	0	4	0	8	0	8	0	3	0	3	15
03:45 PM	0	1	0	1	0	4	0	4	0	8	0	8	0	3	1	4	17
Total	0	3	0	3	0	18	0	18	0	35	0	35	0	14	1	15	71
04:00 PM	0	1	0	1	0	8	0	8	0	9	3	12	0	3	0	3	24
04:15 PM	0	1	0	1	0	10	0	10	0	10	2	12	0	4	0	4	27
04:30 PM	0	0	0	0	1	4	0	5	0	8	0	8	0	4	0	4	17
04:45 PM	0	1	0	1	0	3	0	3	2	10	0	12	0	3	0	3	19
Total	0	3	0	3	1	25	0	26	2	37	5	44	0	14	0	14	87
05:00 PM	0	0	0	0	0	6	1	7	0	6	0	6	0	3	0	3	16
05:15 PM	0	0	0	0	0	5	0	5	0	6	0	6	0	3	0	3	14
05:30 PM	0	1	0	1	1	0	0	1	0	8	0	8	0	4	0	4	14
05:45 PM	0	0	0	0	0	4	0	4	0	5	0	5	0	1	0	1	10
Total	0	1	0	1	1	15	1	17	0	25	0	25	0	11	0	11	54
Grand Total	0	7	0	7	2	58	1	61	2	97	5	104	0	39	1	40	212
Apprch %	0	100	0		3.3	95.1	1.6		1.9	93.3	4.8		0	97.5	2.5		
Total %	0	3.3	0	3.3	0.9	27.4	0.5	28.8	0.9	45.8	2.4	49.1	0	18.4	0.5	18.9	

	Broadway Southbound				Olympic Boulevard Westbound				Broadway Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	**1**	0	**1**	0	8	0	8	0	9	**3**	**12**	0	3	0	3	24
04:15 PM	0	1	0	1	0	**10**	0	**10**	0	**10**	2	12	0	**4**	0	**4**	**27**
04:30 PM	0	0	0	0	**1**	4	0	5	0	8	0	8	0	4	0	4	17
04:45 PM	0	1	0	1	0	3	0	3	**2**	10	0	12	0	3	0	3	19
Total Volume	0	3	0	3	1	25	0	26	2	37	5	44	0	14	0	14	87
% App. Total	0	100	0		3.8	96.2	0		4.5	84.1	11.4		0	100	0		
PHF	.000	.750	.000	.750	.250	.625	.000	.650	.250	.925	.417	.917	.000	.875	.000	.875	.806

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Site Code : 16615
Start Date : 11/15/2016
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Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	**1**	0	**1**	0	8	0	8	0	9	**3**	**12**	0	3	0	3
+15 mins.	0	1	0	1	0	**10**	0	**10**	0	**10**	2	12	0	**4**	0	**4**
+30 mins.	0	0	0	0	**1**	4	0	5	0	8	0	8	0	4	0	4
+45 mins.	0	1	0	1	0	3	0	3	**2**	10	0	12	0	3	0	3
Total Volume	0	3	0	3	1	25	0	26	2	37	5	44	0	14	0	14
% App. Total	0	100	0		3.8	96.2	0		4.5	84.1	11.4		0	100	0	
PHF	.000	.750	.000	.750	.250	.625	.000	.650	.250	.925	.417	.917	.000	.875	.000	.875

City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Broadway

East/West Olympic Boulevard

Day: Tuesday **Date:** November 15, 2016 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central I/S CODE 8730

	N/B	S/B	E/B	W/B
DUAL-WHEELED	75	78	112	135
BIKES	71	81	57	63
BUSES	222	10	102	113

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	155	7.15	112	9.15	226	8.15	194	8.00
PM PK 15 MIN	212	4.00	157	5.15	263	5.15	212	5.00
AM PK HOUR	616	7.15	390	9.00	786	7.30	696	8.00
PM PK HOUR	765	4.00	589	4.00	919	4.30	771	4.15

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	47	508	42	597
8-9	34	449	59	542
9-10	62	383	125	570
3-4	53	348	60	461
4-5	59	575	131	765
5-6	57	592	86	735
TOTAL	312	2855	503	3670

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	180	72	253
8-9	1	213	106	320
9-10	0	252	138	390
3-4	1	390	137	528
4-5	6	471	112	589
5-6	1	479	103	583
TOTAL	10	1985	668	2663

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
850	34	5	30	1
862	31	0	63	1
960	40	0	54	0
989	44	7	61	4
1354	41	8	68	3
1318	60	0	64	0
6333	250	20	340	9

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	32	495	53	580
8-9	38	631	50	719
9-10	47	533	76	656
3-4	54	585	112	751
4-5	60	677	135	872
5-6	82	665	134	881
TOTAL	313	3586	560	4459

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	49	560	29	638
8-9	34	617	45	696
9-10	62	512	45	619
3-4	57	567	51	675
4-5	54	643	56	753
5-6	58	530	49	637
TOTAL	314	3429	275	4018

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
1218	70	16	34	1
1415	96	2	43	0
1275	82	6	36	0
1426	81	14	35	2
1625	82	8	43	4
1518	109	0	53	2
8477	520	46	244	9

(Rev Oct 06)

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City of Los Angeles
N/S: Broadway
E/W: 11th Street
Weather: Clear

File Name : LACBR11AM
Site Code : 16615
Start Date : 11/15/2016

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

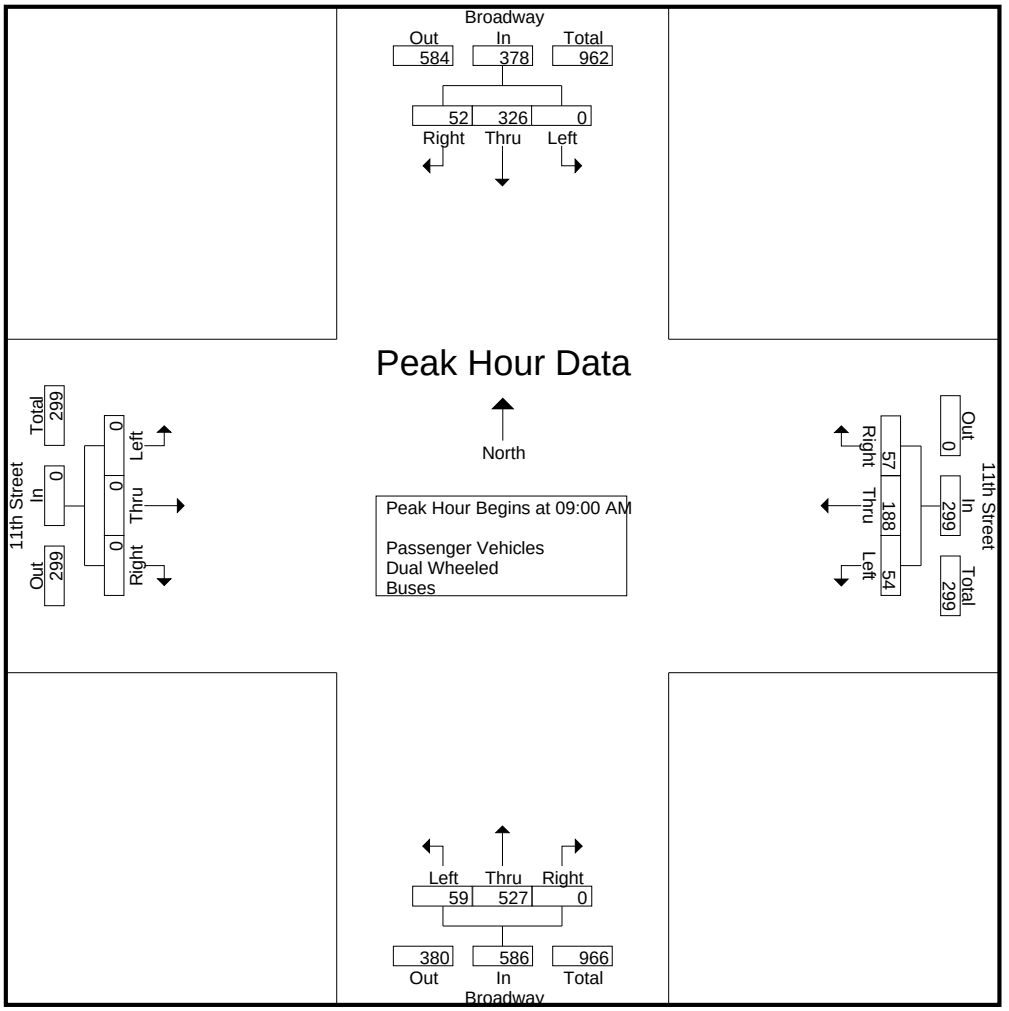
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	59	7	66	16	25	8	49	19	136	0	155	0	0	0	0	270
07:15 AM	0	59	1	60	19	28	3	50	12	153	0	165	0	0	0	0	275
07:30 AM	0	67	2	69	15	27	5	47	11	154	0	165	0	0	0	0	281
07:45 AM	0	76	6	82	18	36	9	63	11	144	0	155	0	0	0	0	300
Total	0	261	16	277	68	116	25	209	53	587	0	640	0	0	0	0	1126
08:00 AM	0	64	4	68	9	42	3	54	15	152	0	167	0	0	0	0	289
08:15 AM	0	64	7	71	10	37	7	54	8	146	0	154	0	0	0	0	279
08:30 AM	0	56	7	63	16	36	7	59	17	124	0	141	0	0	0	0	263
08:45 AM	0	69	10	79	13	50	4	67	9	104	0	113	0	0	0	0	259
Total	0	253	28	281	48	165	21	234	49	526	0	575	0	0	0	0	1090
09:00 AM	0	85	8	93	11	54	7	72	18	138	0	156	0	0	0	0	321
09:15 AM	0	84	10	94	16	35	21	72	12	135	0	147	0	0	0	0	313
09:30 AM	0	75	19	94	14	49	13	76	13	133	0	146	0	0	0	0	316
09:45 AM	0	82	15	97	13	50	16	79	16	121	0	137	0	0	0	0	313
Total	0	326	52	378	54	188	57	299	59	527	0	586	0	0	0	0	1263
Grand Total	0	840	96	936	170	469	103	742	161	1640	0	1801	0	0	0	0	3479
Apprch %	0	89.7	10.3		22.9	63.2	13.9		8.9	91.1	0		0	0	0		
Total %	0	24.1	2.8	26.9	4.9	13.5	3	21.3	4.6	47.1	0	51.8	0	0	0	0	
Passenger Vehicles	0	817	89	906	113	442	92	647	154	1479	0	1633	0	0	0	0	3186
% Passenger Vehicles	0	97.3	92.7	96.8	66.5	94.2	89.3	87.2	95.7	90.2	0	90.7	0	0	0	0	91.6
Dual Wheeled	0	23	5	28	10	22	11	43	7	43	0	50	0	0	0	0	121
% Dual Wheeled	0	2.7	5.2	3	5.9	4.7	10.7	5.8	4.3	2.6	0	2.8	0	0	0	0	3.5
Buses	0	0	2	2	47	5	0	52	0	118	0	118	0	0	0	0	172
% Buses	0	0	2.1	0.2	27.6	1.1	0	7	0	7.2	0	6.6	0	0	0	0	4.9

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 09:00 AM																	
09:00 AM	0	**85**	8	93	11	**54**	7	72	**18**	**138**	0	**156**	0	0	0	0	**321**
09:15 AM	0	84	10	94	**16**	35	**21**	72	12	135	0	147	0	0	0	0	313
09:30 AM	0	75	**19**	94	14	49	13	76	13	133	0	146	0	0	0	0	316
09:45 AM	0	82	15	**97**	13	50	16	**79**	16	121	0	137	0	0	0	0	313
Total Volume	0	326	52	378	54	188	57	299	59	527	0	586	0	0	0	0	1263
% App. Total	0	86.2	13.8		18.1	62.9	19.1		10.1	89.9	0		0	0	0		
PHF	.000	.959	.684	.974	.844	.870	.679	.946	.819	.955	.000	.939	.000	.000	.000	.000	.984

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File Name : LACBR11AM
Site Code : 16615
Start Date : 11/15/2016
Page No : 2



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	09:00 AM				09:00 AM				07:15 AM				07:00 AM			
+0 mins.	0	**85**	8	93	11	**54**	7	72	12	153	0	165	0	0	0	0
+15 mins.	0	84	10	94	**16**	35	**21**	72	11	**154**	0	165	0	0	0	0
+30 mins.	0	75	**19**	94	14	49	13	76	11	144	0	155	0	0	0	0
+45 mins.	0	82	15	**97**	13	50	16	**79**	**15**	152	0	**167**	0	0	0	0
Total Volume	0	326	52	378	54	188	57	299	49	603	0	652	0	0	0	0
% App. Total	0	86.2	13.8		18.1	62.9	19.1		7.5	92.5	0		0	0	0	
PHF	.000	.959	.684	.974	.844	.870	.679	.946	.817	.979	.000	.976	.000	.000	.000	.000

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File Name : LACBR11AM
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Groups Printed- Passenger Vehicles

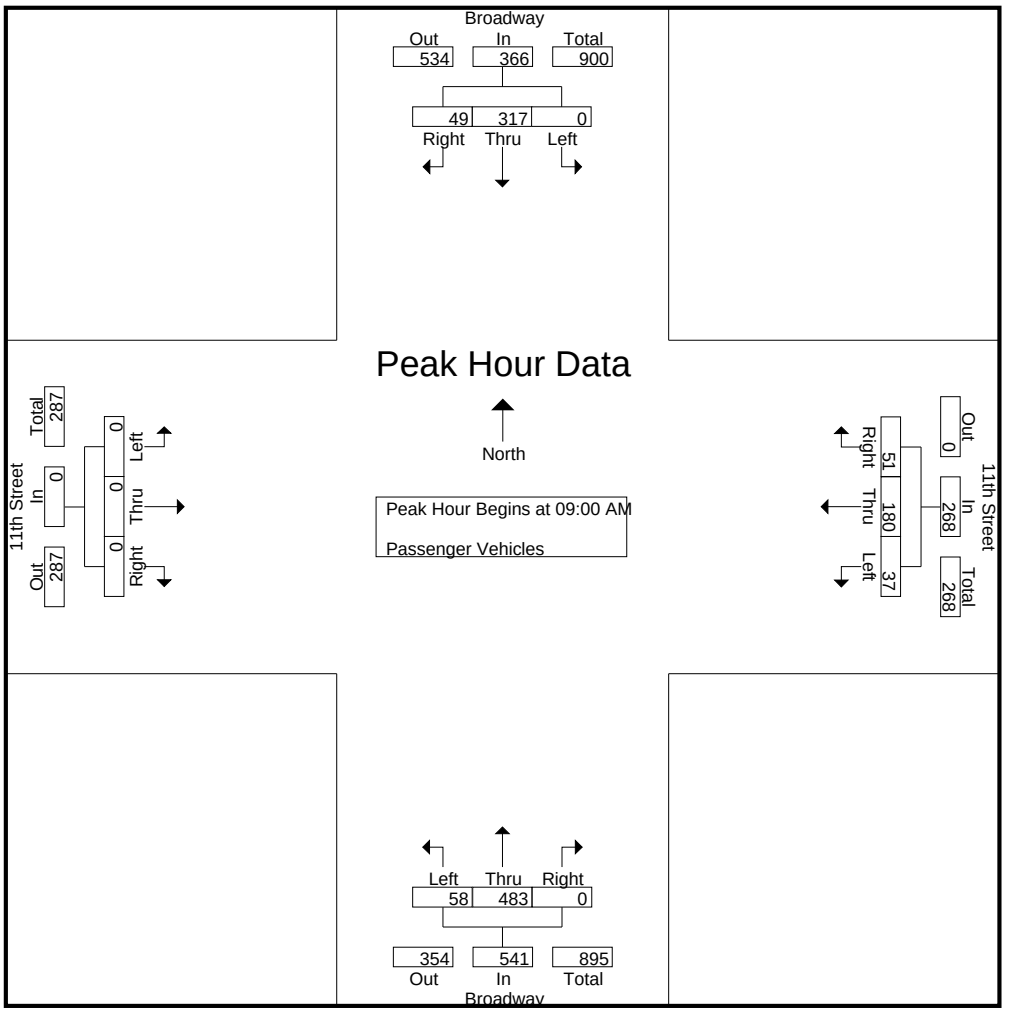
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	56	7	63	12	23	8	43	18	118	0	136	0	0	0	0	242
07:15 AM	0	57	1	58	12	26	2	40	10	139	0	149	0	0	0	0	247
07:30 AM	0	66	2	68	12	25	4	41	10	141	0	151	0	0	0	0	260
07:45 AM	0	75	6	81	11	34	7	52	11	129	0	140	0	0	0	0	273
Total	0	254	16	270	47	108	21	176	49	527	0	576	0	0	0	0	1022
08:00 AM	0	60	3	63	3	39	3	45	14	137	0	151	0	0	0	0	259
08:15 AM	0	64	6	70	7	35	6	48	8	129	0	137	0	0	0	0	255
08:30 AM	0	53	7	60	11	34	7	52	16	113	0	129	0	0	0	0	241
08:45 AM	0	69	8	77	8	46	4	58	9	90	0	99	0	0	0	0	234
Total	0	246	24	270	29	154	20	203	47	469	0	516	0	0	0	0	989
09:00 AM	0	80	8	88	6	49	7	62	17	130	0	147	0	0	0	0	297
09:15 AM	0	83	9	92	11	35	17	63	12	121	0	133	0	0	0	0	288
09:30 AM	0	72	19	91	11	48	12	71	13	122	0	135	0	0	0	0	297
09:45 AM	0	82	13	95	9	48	15	72	16	110	0	126	0	0	0	0	293
Total	0	317	49	366	37	180	51	268	58	483	0	541	0	0	0	0	1175
Grand Total	0	817	89	906	113	442	92	647	154	1479	0	1633	0	0	0	0	3186
Apprch %	0	90.2	9.8		17.5	68.3	14.2		9.4	90.6	0		0	0	0		
Total %	0	25.6	2.8	28.4	3.5	13.9	2.9	20.3	4.8	46.4	0	51.3	0	0	0	0	

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 09:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 09:00 AM																	
09:00 AM	0	80	8	88	6	**49**	7	62	**17**	**130**	0	**147**	0	0	0	0	**297**
09:15 AM	0	**83**	9	92	**11**	35	**17**	63	12	121	0	133	0	0	0	0	288
09:30 AM	0	72	**19**	91	11	48	12	71	13	122	0	135	0	0	0	0	297
09:45 AM	0	82	13	**95**	9	48	15	**72**	16	110	0	126	0	0	0	0	293
Total Volume	0	317	49	366	37	180	51	268	58	483	0	541	0	0	0	0	1175
% App. Total	0	86.6	13.4		13.8	67.2	19		10.7	89.3	0		0	0	0		
PHF	.000	.955	.645	.963	.841	.918	.750	.931	.853	.929	.000	.920	.000	.000	.000	.000	.989

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E/W: 11th Street
Weather: Clear

File Name : LACBR11AM
Site Code : 16615
Start Date : 11/15/2016
Page No : 2



Peak Hour Analysis From 09:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	09:00 AM				09:00 AM				09:00 AM				09:00 AM			
+0 mins.	0	80	8	88	6	**49**	7	62	**17**	**130**	0	**147**	0	0	0	0
+15 mins.	0	**83**	9	92	**11**	35	**17**	63	12	121	0	133	0	0	0	0
+30 mins.	0	72	**19**	91	11	48	12	71	13	122	0	135	0	0	0	0
+45 mins.	0	82	13	**95**	9	48	15	**72**	16	110	0	126	0	0	0	0
Total Volume	0	317	49	366	37	180	51	268	58	483	0	541	0	0	0	0
% App. Total	0	86.6	13.4		13.8	67.2	19		10.7	89.3	0		0	0	0	
PHF	.000	.955	.645	.963	.841	.918	.750	.931	.853	.929	.000	.920	.000	.000	.000	.000

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City of Los Angeles
N/S: Broadway
E/W: 11th Street
Weather: Clear

File Name : LACBR11AM
Site Code : 16615
Start Date : 11/15/2016
Page No : 1

Groups Printed- Dual Wheeled

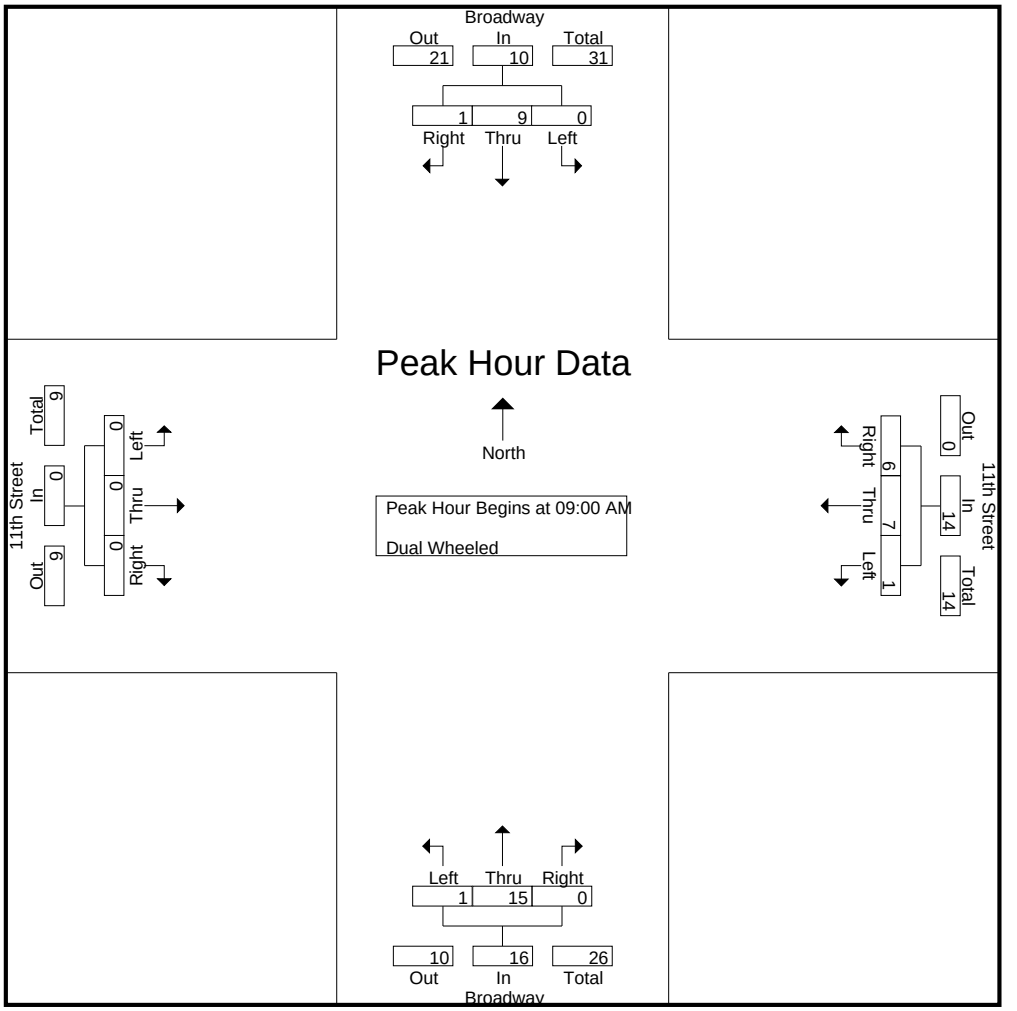
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	3	0	3	0	1	0	1	1	3	0	4	0	0	0	0	8
07:15 AM	0	2	0	2	3	2	1	6	2	3	0	5	0	0	0	0	13
07:30 AM	0	1	0	1	0	2	1	3	1	2	0	3	0	0	0	0	7
07:45 AM	0	1	0	1	2	1	2	5	0	5	0	5	0	0	0	0	11
Total	0	7	0	7	5	6	4	15	4	13	0	17	0	0	0	0	39
08:00 AM	0	4	1	5	1	3	0	4	1	5	0	6	0	0	0	0	15
08:15 AM	0	0	1	1	0	2	1	3	0	4	0	4	0	0	0	0	8
08:30 AM	0	3	0	3	0	1	0	1	1	2	0	3	0	0	0	0	7
08:45 AM	0	0	2	2	3	3	0	6	0	4	0	4	0	0	0	0	12
Total	0	7	4	11	4	9	1	14	2	15	0	17	0	0	0	0	42
09:00 AM	0	5	0	5	0	4	0	4	1	4	0	5	0	0	0	0	14
09:15 AM	0	1	1	2	0	0	4	4	0	2	0	2	0	0	0	0	8
09:30 AM	0	3	0	3	0	1	1	2	0	5	0	5	0	0	0	0	10
09:45 AM	0	0	0	0	1	2	1	4	0	4	0	4	0	0	0	0	8
Total	0	9	1	10	1	7	6	14	1	15	0	16	0	0	0	0	40
Grand Total	0	23	5	28	10	22	11	43	7	43	0	50	0	0	0	0	121
Apprch %	0	82.1	17.9		23.3	51.2	25.6		14	86	0		0	0	0		
Total %	0	19	4.1	23.1	8.3	18.2	9.1	35.5	5.8	35.5	0	41.3	0	0	0	0	

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 09:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 09:00 AM																	
09:00 AM	0	**5**	0	**5**	0	**4**	0	**4**	**1**	4	0	**5**	0	0	0	0	**14**
09:15 AM	0	1	**1**	2	0	0	**4**	4	0	2	0	2	0	0	0	0	8
09:30 AM	0	3	0	3	0	1	1	2	0	**5**	0	5	0	0	0	0	10
09:45 AM	0	0	0	0	**1**	2	1	4	0	4	0	4	0	0	0	0	8
Total Volume	0	9	1	10	1	7	6	14	1	15	0	16	0	0	0	0	40
% App. Total	0	90	10		7.1	50	42.9		6.2	93.8	0		0	0	0		
PHF	.000	.450	.250	.500	.250	.438	.375	.875	.250	.750	.000	.800	.000	.000	.000	.000	.714

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City of Los Angeles
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E/W: 11th Street
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Site Code : 16615
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Peak Hour Analysis From 09:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	09:00 AM				09:00 AM				09:00 AM				09:00 AM			
+0 mins.	0	**5**	0	**5**	0	**4**	0	**4**	**1**	4	0	**5**	0	0	0	0
+15 mins.	0	1	**1**	2	0	0	**4**	4	0	2	0	2	0	0	0	0
+30 mins.	0	3	0	3	0	1	1	2	0	**5**	0	5	0	0	0	0
+45 mins.	0	0	0	0	**1**	2	1	4	0	4	0	4	0	0	0	0
Total Volume	0	9	1	10	1	7	6	14	1	15	0	16	0	0	0	0
% App. Total	0	90	10		7.1	50	42.9		6.2	93.8	0		0	0	0	
PHF	.000	.450	.250	.500	.250	.438	.375	.875	.250	.750	.000	.800	.000	.000	.000	.000

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Site Code : 16615
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Groups Printed- Buses

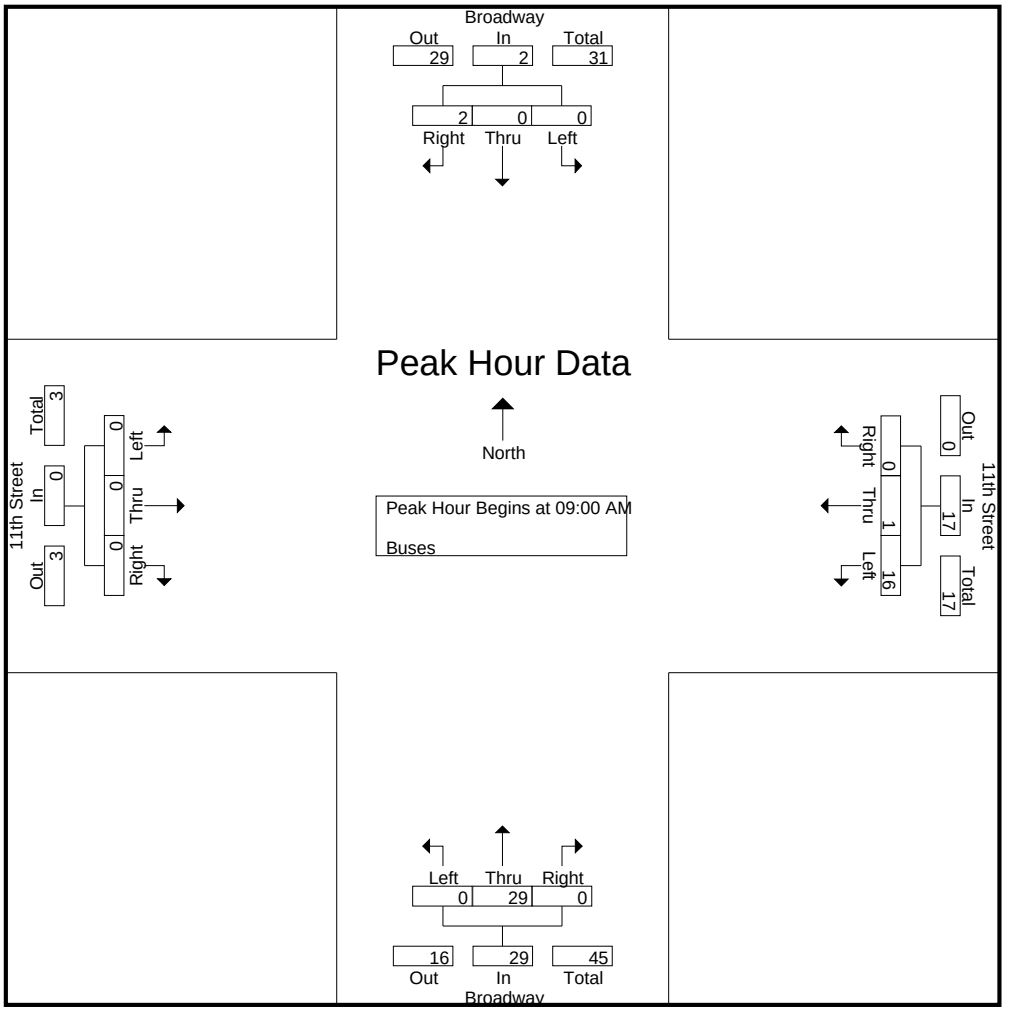
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	4	1	0	5	0	15	0	15	0	0	0	0	20
07:15 AM	0	0	0	0	4	0	0	4	0	11	0	11	0	0	0	0	15
07:30 AM	0	0	0	0	3	0	0	3	0	11	0	11	0	0	0	0	14
07:45 AM	0	0	0	0	5	1	0	6	0	10	0	10	0	0	0	0	16
Total	0	0	0	0	16	2	0	18	0	47	0	47	0	0	0	0	65
08:00 AM	0	0	0	0	5	0	0	5	0	10	0	10	0	0	0	0	15
08:15 AM	0	0	0	0	3	0	0	3	0	13	0	13	0	0	0	0	16
08:30 AM	0	0	0	0	5	1	0	6	0	9	0	9	0	0	0	0	15
08:45 AM	0	0	0	0	2	1	0	3	0	10	0	10	0	0	0	0	13
Total	0	0	0	0	15	2	0	17	0	42	0	42	0	0	0	0	59
09:00 AM	0	0	0	0	5	1	0	6	0	4	0	4	0	0	0	0	10
09:15 AM	0	0	0	0	5	0	0	5	0	12	0	12	0	0	0	0	17
09:30 AM	0	0	0	0	3	0	0	3	0	6	0	6	0	0	0	0	9
09:45 AM	0	0	2	2	3	0	0	3	0	7	0	7	0	0	0	0	12
Total	0	0	2	2	16	1	0	17	0	29	0	29	0	0	0	0	48
Grand Total	0	0	2	2	47	5	0	52	0	118	0	118	0	0	0	0	172
Apprch %	0	0	100		90.4	9.6	0		0	100	0		0	0	0		
Total %	0	0	1.2	1.2	27.3	2.9	0	30.2	0	68.6	0	68.6	0	0	0	0	

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 09:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 09:00 AM																	
09:00 AM	0	0	0	0	**5**	**1**	0	**6**	0	4	0	4	0	0	0	0	10
09:15 AM	0	0	0	0	5	0	0	5	0	**12**	0	**12**	0	0	0	0	**17**
09:30 AM	0	0	0	0	3	0	0	3	0	6	0	6	0	0	0	0	9
09:45 AM	0	0	**2**	**2**	3	0	0	3	0	7	0	7	0	0	0	0	12
Total Volume	0	0	2	2	16	1	0	17	0	29	0	29	0	0	0	0	48
% App. Total	0	0	100		94.1	5.9	0		0	100	0		0	0	0		
PHF	.000	.000	.250	.250	.800	.250	.000	.708	.000	.604	.000	.604	.000	.000	.000	.000	.706

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File Name : LACBR11AM
Site Code : 16615
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Peak Hour Analysis From 09:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	09:00 AM				09:00 AM				09:00 AM				09:00 AM			
+0 mins.	0	0	0	0	**5**	**1**	0	**6**	0	4	0	4	0	0	0	0
+15 mins.	0	0	0	0	5	0	0	5	0	**12**	0	**12**	0	0	0	0
+30 mins.	0	0	0	0	3	0	0	3	0	6	0	6	0	0	0	0
+45 mins.	0	0	**2**	**2**	3	0	0	3	0	7	0	7	0	0	0	0
Total Volume	0	0	2	2	16	1	0	17	0	29	0	29	0	0	0	0
% App. Total	0	0	100		94.1	5.9	0		0	100	0		0	0	0	
PHF	.000	.000	.250	.250	.800	.250	.000	.708	.000	.604	.000	.604	.000	.000	.000	.000

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City of Los Angeles
N/S: Broadway
E/W: 11th Street
Weather: Clear

File Name : LACBR11PM
Site Code : 16615
Start Date : 11/15/2016

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

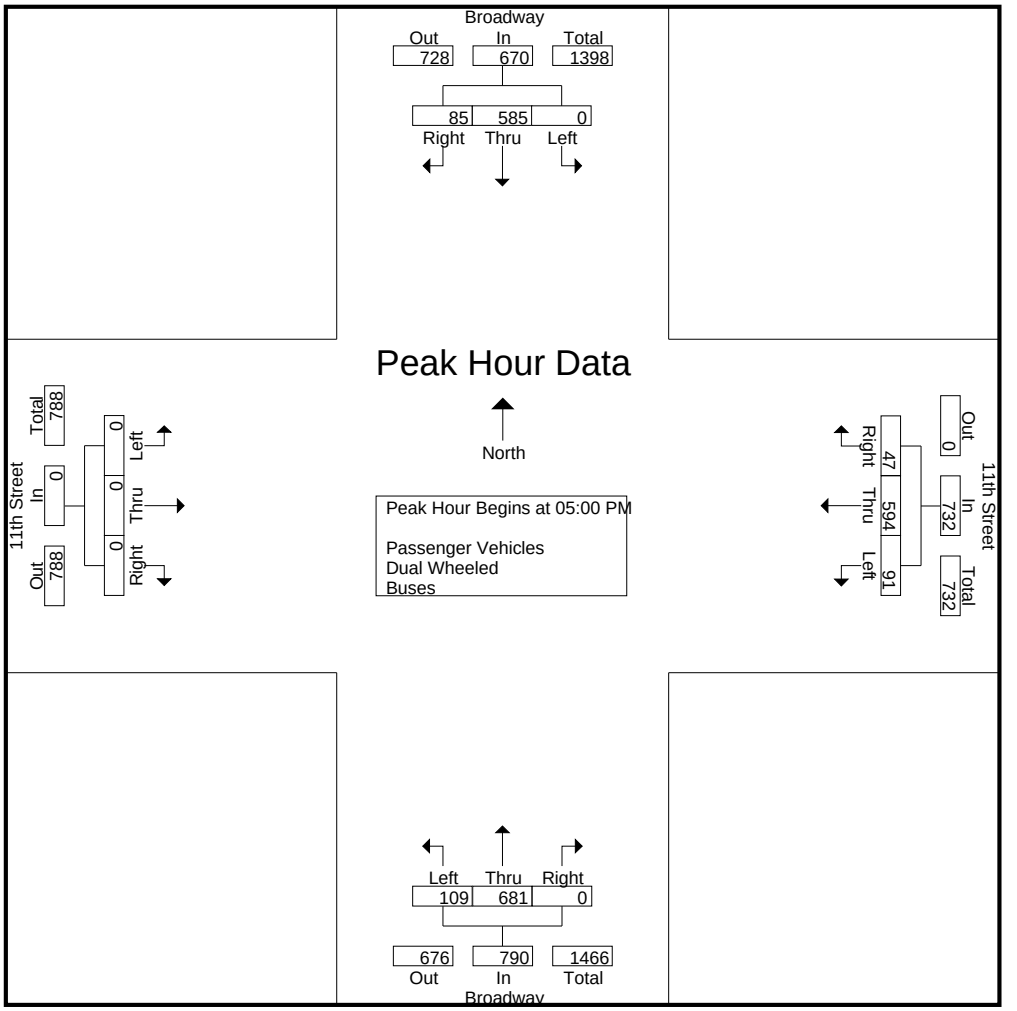
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	110	5	115	16	42	8	66	10	92	0	102	0	0	0	0	283
03:15 PM	0	150	9	159	11	40	5	56	18	106	0	124	0	0	0	0	339
03:30 PM	0	128	10	138	21	47	9	77	18	118	0	136	0	0	0	0	351
03:45 PM	0	130	11	141	16	45	6	67	15	109	0	124	0	0	0	0	332
Total	0	518	35	553	64	174	28	266	61	425	0	486	0	0	0	0	1305
04:00 PM	0	147	22	169	14	43	3	60	12	212	0	224	0	0	0	0	453
04:15 PM	0	157	13	170	18	47	7	72	15	171	0	186	0	0	0	0	428
04:30 PM	0	152	17	169	17	53	12	82	13	176	0	189	0	0	0	0	440
04:45 PM	0	148	20	168	23	73	10	106	13	174	0	187	0	0	0	0	461
Total	0	604	72	676	72	216	32	320	53	733	0	786	0	0	0	0	1782
05:00 PM	0	142	26	168	22	100	16	138	24	165	0	189	0	0	0	0	495
05:15 PM	0	166	16	182	26	125	13	164	28	187	0	215	0	0	0	0	561
05:30 PM	0	136	20	156	27	164	9	200	35	142	0	177	0	0	0	0	533
05:45 PM	0	141	23	164	16	205	9	230	22	187	0	209	0	0	0	0	603
Total	0	585	85	670	91	594	47	732	109	681	0	790	0	0	0	0	2192
Grand Total	0	1707	192	1899	227	984	107	1318	223	1839	0	2062	0	0	0	0	5279
Apprch %	0	89.9	10.1		17.2	74.7	8.1		10.8	89.2	0		0	0	0		
Total %	0	32.3	3.6	36	4.3	18.6	2	25	4.2	34.8	0	39.1	0	0	0	0	
Passenger Vehicles	0	1666	184	1850	172	963	105	1240	220	1711	0	1931	0	0	0	0	5021
% Passenger Vehicles	0	97.6	95.8	97.4	75.8	97.9	98.1	94.1	98.7	93	0	93.6	0	0	0	0	95.1
Dual Wheeled	0	35	4	39	3	19	2	24	3	22	0	25	0	0	0	0	88
% Dual Wheeled	0	2.1	2.1	2.1	1.3	1.9	1.9	1.8	1.3	1.2	0	1.2	0	0	0	0	1.7
Buses	0	6	4	10	52	2	0	54	0	106	0	106	0	0	0	0	170
% Buses	0	0.4	2.1	0.5	22.9	0.2	0	4.1	0	5.8	0	5.1	0	0	0	0	3.2

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	142	**26**	168	22	100	**16**	138	24	165	0	189	0	0	0	0	495
05:15 PM	0	**166**	16	**182**	26	125	13	164	28	**187**	0	**215**	0	0	0	0	561
05:30 PM	0	136	20	156	**27**	164	9	200	**35**	142	0	177	0	0	0	0	533
05:45 PM	0	141	23	164	16	**205**	9	**230**	22	187	0	209	0	0	0	0	**603**
Total Volume	0	585	85	670	91	594	47	732	109	681	0	790	0	0	0	0	2192
% App. Total	0	87.3	12.7		12.4	81.1	6.4		13.8	86.2	0		0	0	0		
PHF	.000	.881	.817	.920	.843	.724	.734	.796	.779	.910	.000	.919	.000	.000	.000	.000	.909

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City of Los Angeles
N/S: Broadway
E/W: 11th Street
Weather: Clear

File Name : LACBR11PM
Site Code : 16615
Start Date : 11/15/2016
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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				05:00 PM				03:00 PM			
+0 mins.	0	152	17	169	22	100	**16**	138	24	165	0	189	0	0	0	0
+15 mins.	0	148	20	168	26	125	13	164	28	**187**	0	**215**	0	0	0	0
+30 mins.	0	142	**26**	168	**27**	164	9	200	**35**	142	0	177	0	0	0	0
+45 mins.	0	**166**	16	**182**	16	**205**	9	**230**	22	187	0	209	0	0	0	0
Total Volume	0	608	79	687	91	594	47	732	109	681	0	790	0	0	0	0
% App. Total	0	88.5	11.5		12.4	81.1	6.4		13.8	86.2	0		0	0	0	
PHF	.000	.916	.760	.944	.843	.724	.734	.796	.779	.910	.000	.919	.000	.000	.000	.000

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City of Los Angeles
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Groups Printed- Passenger Vehicles

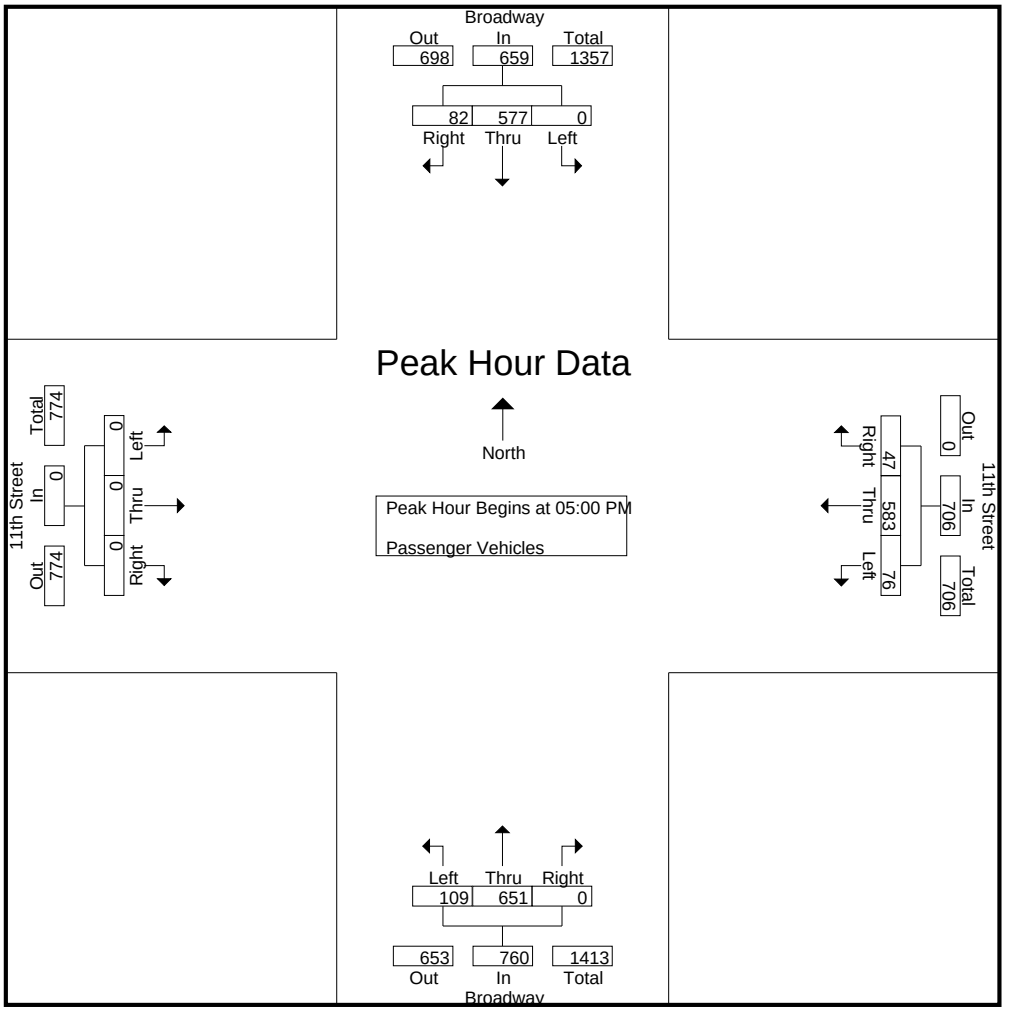
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	107	5	112	12	41	8	61	9	77	0	86	0	0	0	0	259
03:15 PM	0	144	7	151	8	37	4	49	17	94	0	111	0	0	0	0	311
03:30 PM	0	126	10	136	14	47	9	70	18	108	0	126	0	0	0	0	332
03:45 PM	0	124	10	134	9	44	5	58	14	100	0	114	0	0	0	0	306
Total	0	501	32	533	43	169	26	238	58	379	0	437	0	0	0	0	1208
04:00 PM	0	143	21	164	9	42	3	54	12	197	0	209	0	0	0	0	427
04:15 PM	0	156	12	168	13	46	7	66	15	159	0	174	0	0	0	0	408
04:30 PM	0	146	17	163	14	53	12	79	13	165	0	178	0	0	0	0	420
04:45 PM	0	143	20	163	17	70	10	97	13	160	0	173	0	0	0	0	433
Total	0	588	70	658	53	211	32	296	53	681	0	734	0	0	0	0	1688
05:00 PM	0	141	26	167	18	96	16	130	24	158	0	182	0	0	0	0	479
05:15 PM	0	163	16	179	21	124	13	158	28	179	0	207	0	0	0	0	544
05:30 PM	0	135	18	153	24	160	9	193	35	134	0	169	0	0	0	0	515
05:45 PM	0	138	22	160	13	203	9	225	22	180	0	202	0	0	0	0	587
Total	0	577	82	659	76	583	47	706	109	651	0	760	0	0	0	0	2125
Grand Total	0	1666	184	1850	172	963	105	1240	220	1711	0	1931	0	0	0	0	5021
Apprch %	0	90.1	9.9		13.9	77.7	8.5		11.4	88.6	0		0	0	0		
Total %	0	33.2	3.7	36.8	3.4	19.2	2.1	24.7	4.4	34.1	0	38.5	0	0	0	0	

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	141	**26**	167	18	96	**16**	130	24	158	0	182	0	0	0	0	479
05:15 PM	0	**163**	16	**179**	21	124	13	158	28	179	0	**207**	0	0	0	0	544
05:30 PM	0	135	18	153	**24**	160	9	193	**35**	134	0	169	0	0	0	0	515
05:45 PM	0	138	22	160	13	**203**	9	**225**	22	**180**	0	202	0	0	0	0	**587**
Total Volume	0	577	82	659	76	583	47	706	109	651	0	760	0	0	0	0	2125
% App. Total	0	87.6	12.4		10.8	82.6	6.7		14.3	85.7	0		0	0	0		
PHF	.000	.885	.788	.920	.792	.718	.734	.784	.779	.904	.000	.918	.000	.000	.000	.000	.905

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Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	141	**26**	167	18	96	**16**	130	24	158	0	182	0	0	0	0
+15 mins.	0	**163**	16	**179**	21	124	13	158	28	179	0	**207**	0	0	0	0
+30 mins.	0	135	18	153	**24**	160	9	193	**35**	134	0	169	0	0	0	0
+45 mins.	0	138	22	160	13	**203**	9	**225**	22	**180**	0	202	0	0	0	0
Total Volume	0	577	82	659	76	583	47	706	109	651	0	760	0	0	0	0
% App. Total	0	87.6	12.4		10.8	82.6	6.7		14.3	85.7	0		0	0	0	
PHF	.000	.885	.788	.920	.792	.718	.734	.784	.779	.904	.000	.918	.000	.000	.000	.000

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Los Angeles
N/S: Broadway
E/W: 11th Street
Weather: Clear

File Name : LACBR11PM
Site Code : 16615
Start Date : 11/15/2016
Page No : 1

Groups Printed- Dual Wheeled

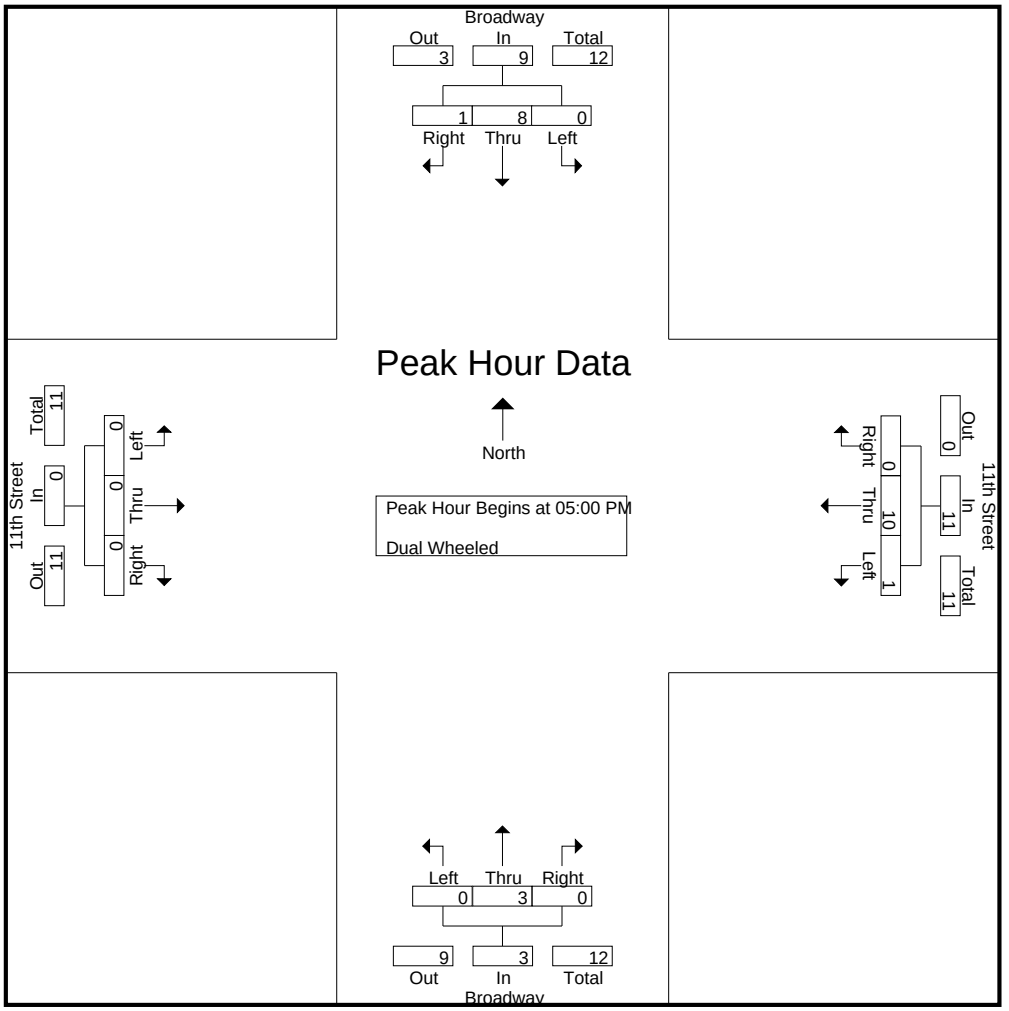
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	3	0	3	0	1	0	1	1	5	0	6	0	0	0	0	10
03:15 PM	0	5	1	6	0	2	1	3	1	1	0	2	0	0	0	0	11
03:30 PM	0	2	0	2	1	0	0	1	0	4	0	4	0	0	0	0	7
03:45 PM	0	5	1	6	1	1	1	3	1	1	0	2	0	0	0	0	11
Total	0	15	2	17	2	4	2	8	3	11	0	14	0	0	0	0	39
04:00 PM	0	2	1	3	0	1	0	1	0	2	0	2	0	0	0	0	6
04:15 PM	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	3
04:30 PM	0	5	0	5	0	0	0	0	0	2	0	2	0	0	0	0	7
04:45 PM	0	4	0	4	0	3	0	3	0	3	0	3	0	0	0	0	10
Total	0	12	1	13	0	5	0	5	0	8	0	8	0	0	0	0	26
05:00 PM	0	1	0	1	0	4	0	4	0	1	0	1	0	0	0	0	6
05:15 PM	0	3	0	3	0	1	0	1	0	1	0	1	0	0	0	0	5
05:30 PM	0	1	0	1	0	4	0	4	0	1	0	1	0	0	0	0	6
05:45 PM	0	3	1	4	1	1	0	2	0	0	0	0	0	0	0	0	6
Total	0	8	1	9	1	10	0	11	0	3	0	3	0	0	0	0	23
Grand Total	0	35	4	39	3	19	2	24	3	22	0	25	0	0	0	0	88
Apprch %	0	89.7	10.3		12.5	79.2	8.3		12	88	0		0	0	0		
Total %	0	39.8	4.5	44.3	3.4	21.6	2.3	27.3	3.4	25	0	28.4	0	0	0	0	

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	1	0	1	0	**4**	0	**4**	0	**1**	0	**1**	0	0	0	0	**6**
05:15 PM	0	**3**	0	3	0	1	0	1	0	1	0	1	0	0	0	0	5
05:30 PM	0	1	0	1	0	4	0	4	0	1	0	1	0	0	0	0	6
05:45 PM	0	3	**1**	**4**	**1**	1	0	2	0	0	0	0	0	0	0	0	6
Total Volume	0	8	1	9	1	10	0	11	0	3	0	3	0	0	0	0	23
% App. Total	0	88.9	11.1		9.1	90.9	0		0	100	0		0	0	0		
PHF	.000	.667	.250	.563	.250	.625	.000	.688	.000	.750	.000	.750	.000	.000	.000	.000	.958

Counts Unlimited
PO Box 1178
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City of Los Angeles
N/S: Broadway
E/W: 11th Street
Weather: Clear

File Name : LACBR11PM
Site Code : 16615
Start Date : 11/15/2016
Page No : 2



Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	1	0	1	0	**4**	0	**4**	0	**1**	0	**1**	0	0	0	0
+15 mins.	0	**3**	0	3	0	1	0	1	0	1	0	1	0	0	0	0
+30 mins.	0	1	0	1	0	4	0	4	0	1	0	1	0	0	0	0
+45 mins.	0	3	**1**	**4**	**1**	1	0	2	0	0	0	0	0	0	0	0
Total Volume	0	8	1	9	1	10	0	11	0	3	0	3	0	0	0	0
% App. Total	0	88.9	11.1		9.1	90.9	0		0	100	0		0	0	0	
PHF	.000	.667	.250	.563	.250	.625	.000	.688	.000	.750	.000	.750	.000	.000	.000	.000

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Groups Printed- Buses

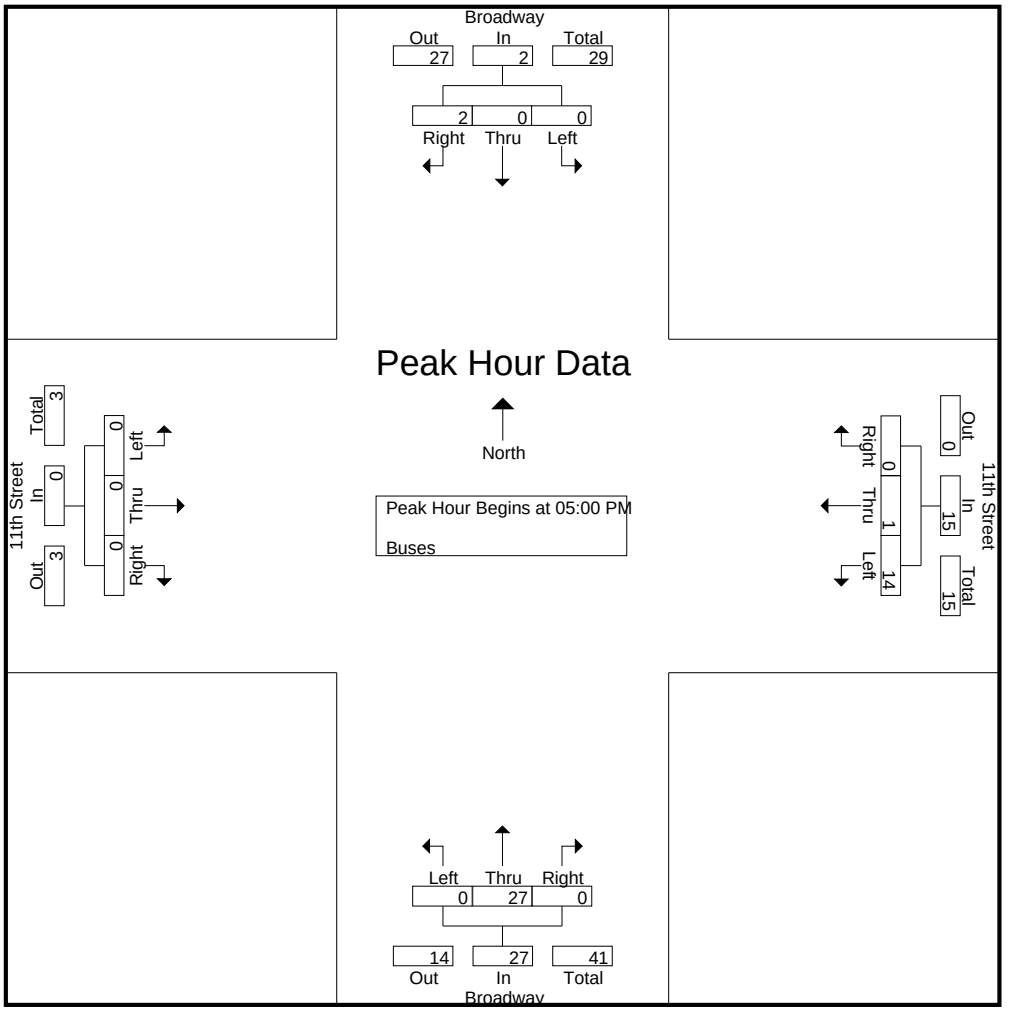
	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	0	0	0	4	0	0	4	0	10	0	10	0	0	0	0	14
03:15 PM	0	1	1	2	3	1	0	4	0	11	0	11	0	0	0	0	17
03:30 PM	0	0	0	0	6	0	0	6	0	6	0	6	0	0	0	0	12
03:45 PM	0	1	0	1	6	0	0	6	0	8	0	8	0	0	0	0	15
Total	0	2	1	3	19	1	0	20	0	35	0	35	0	0	0	0	58
04:00 PM	0	2	0	2	5	0	0	5	0	13	0	13	0	0	0	0	20
04:15 PM	0	0	1	1	5	0	0	5	0	11	0	11	0	0	0	0	17
04:30 PM	0	1	0	1	3	0	0	3	0	9	0	9	0	0	0	0	13
04:45 PM	0	1	0	1	6	0	0	6	0	11	0	11	0	0	0	0	18
Total	0	4	1	5	19	0	0	19	0	44	0	44	0	0	0	0	68
05:00 PM	0	0	0	0	4	0	0	4	0	6	0	6	0	0	0	0	10
05:15 PM	0	0	0	0	5	0	0	5	0	7	0	7	0	0	0	0	12
05:30 PM	0	0	2	2	3	0	0	3	0	7	0	7	0	0	0	0	12
05:45 PM	0	0	0	0	2	1	0	3	0	7	0	7	0	0	0	0	10
Total	0	0	2	2	14	1	0	15	0	27	0	27	0	0	0	0	44
Grand Total	0	6	4	10	52	2	0	54	0	106	0	106	0	0	0	0	170
Apprch %	0	60	40		96.3	3.7	0		0	100	0		0	0	0		
Total %	0	3.5	2.4	5.9	30.6	1.2	0	31.8	0	62.4	0	62.4	0	0	0	0	

	Broadway Southbound				11th Street Westbound				Broadway Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	0	0	0	4	0	0	4	0	6	0	6	0	0	0	0	10
05:15 PM	0	0	0	0	**5**	0	0	**5**	0	**7**	0	**7**	0	0	0	0	**12**
05:30 PM	0	0	**2**	**2**	3	0	0	3	0	7	0	7	0	0	0	0	12
05:45 PM	0	0	0	0	2	**1**	0	3	0	7	0	7	0	0	0	0	10
Total Volume	0	0	2	2	14	1	0	15	0	27	0	27	0	0	0	0	44
% App. Total	0	0	100		93.3	6.7	0		0	100	0		0	0	0		
PHF	.000	.000	.250	.250	.700	.250	.000	.750	.000	.964	.000	.964	.000	.000	.000	.000	.917

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City of Los Angeles
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E/W: 11th Street
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File Name : LACBR11PM
Site Code : 16615
Start Date : 11/15/2016
Page No : 2



Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				05:00 PM				05:00 PM			
+0 mins.	0	0	0	0	4	0	0	4	0	6	0	6	0	0	0	0
+15 mins.	0	0	0	0	**5**	0	0	**5**	0	**7**	0	**7**	0	0	0	0
+30 mins.	0	0	**2**	**2**	3	0	0	3	0	7	0	7	0	0	0	0
+45 mins.	0	0	0	0	2	**1**	0	3	0	7	0	7	0	0	0	0
Total Volume	0	0	2	2	14	1	0	15	0	27	0	27	0	0	0	0
% App. Total	0	0	100		93.3	6.7	0		0	100	0		0	0	0	
PHF	.000	.000	.250	.250	.700	.250	.000	.750	.000	.964	.000	.964	.000	.000	.000	.000

City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Broadway

East/West 11th Street

Day: Tuesday **Date:** November 15, 2016 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central I/S CODE 8894

	N/B	S/B	E/B	W/B
DUAL-WHEELED	75	67	0	67
BIKES	75	68	33	78
BUSES	224	12	0	106

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	167	8.00	97	9.45	0	7.00	79	9.45
PM PK 15 MIN	224	4.00	182	5.15	0	3.00	230	5.45
AM PK HOUR	652	7.15	378	9.00	0	7.00	299	9.00
PM PK HOUR	790	5.00	687	4.30	0	3.00	732	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	53	587	0	640
8-9	49	526	0	575
9-10	59	527	0	586
3-4	61	425	0	486
4-5	53	733	0	786
5-6	109	681	0	790
TOTAL	384	3479	0	3863

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	261	16	277
8-9	0	253	28	281
9-10	0	326	52	378
3-4	0	518	35	553
4-5	0	604	72	676
5-6	0	585	85	670
TOTAL	0	2547	288	2835

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
917	12	4	72	13
856	27	0	73	0
964	22	0	52	1
1039	22	0	76	4
1462	39	0	66	6
1460	36	14	82	9
6698	158	18	421	33

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	68	116	25	209
8-9	48	165	21	234
9-10	54	188	57	299
3-4	64	174	28	266
4-5	72	216	32	320
5-6	91	594	47	732
TOTAL	397	1453	210	2060

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
209	48	5	26	7
234	62	0	38	0
299	64	0	26	0
266	63	5	22	2
320	67	3	34	4
732	89	2	42	9
2060	393	15	188	22

(Rev Oct 06)

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City of Los Angeles
N/S: Main Street/Spring Street
E/W: 9th Street
Weather: Clear

File Name : 03_LAC_Main_Spring_9th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

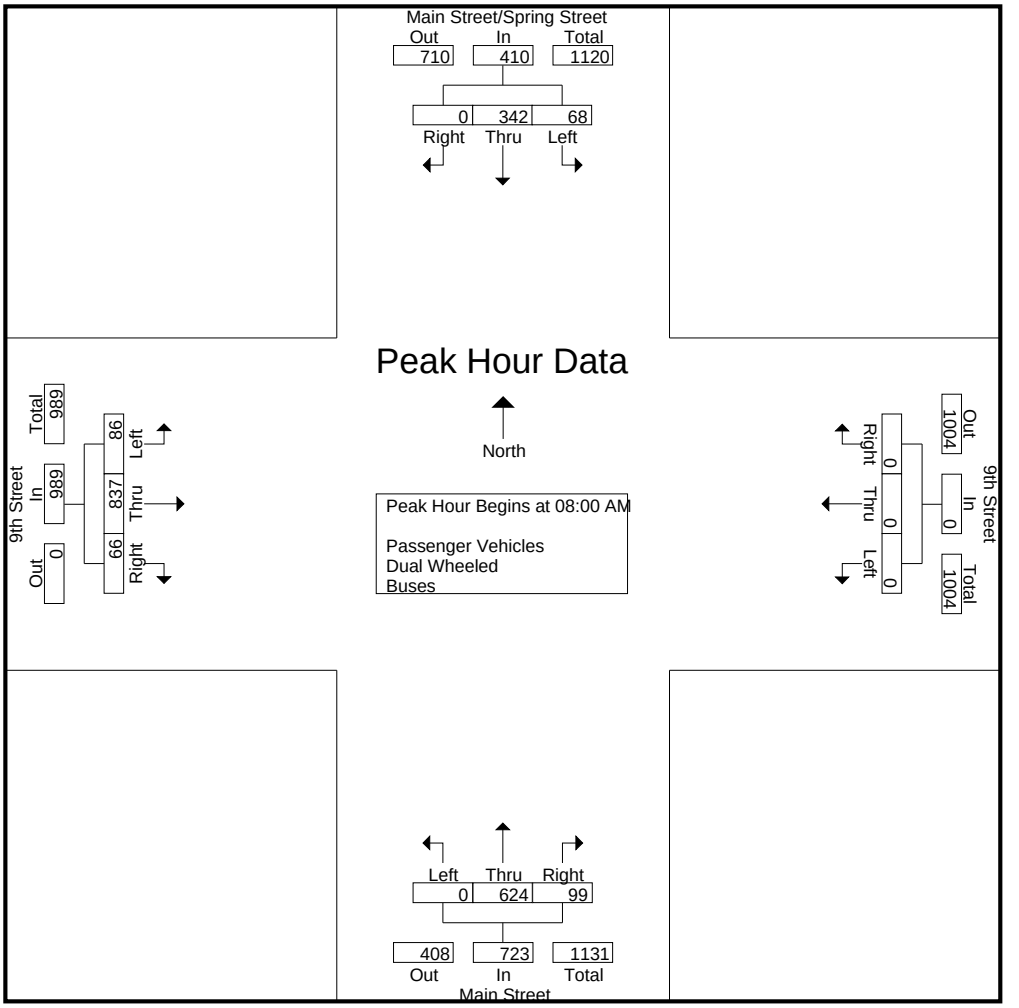
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	9	76	0	85	0	0	0	0	0	143	21	164	13	87	5	105	354
07:15 AM	17	71	0	88	0	0	0	0	0	148	21	169	10	127	9	146	403
07:30 AM	16	83	0	99	0	0	0	0	0	140	21	161	15	152	9	176	436
07:45 AM	19	76	0	95	0	0	0	0	0	146	26	172	10	235	15	260	527
Total	61	306	0	367	0	0	0	0	0	577	89	666	48	601	38	687	1720
08:00 AM	17	85	0	102	0	0	0	0	0	155	25	180	18	203	9	230	512
08:15 AM	15	90	0	105	0	0	0	0	0	137	25	162	21	236	16	273	540
08:30 AM	20	79	0	99	0	0	0	0	0	177	15	192	17	209	18	244	535
08:45 AM	16	88	0	104	0	0	0	0	0	155	34	189	30	189	23	242	535
Total	68	342	0	410	0	0	0	0	0	624	99	723	86	837	66	989	2122
09:00 AM	21	86	0	107	0	0	0	0	0	150	24	174	37	176	11	224	505
09:15 AM	15	78	0	93	0	0	0	0	0	148	20	168	25	150	11	186	447
09:30 AM	20	92	0	112	0	0	0	0	0	165	14	179	24	123	19	166	457
09:45 AM	26	83	0	109	0	0	0	0	0	143	29	172	20	161	13	194	475
Total	82	339	0	421	0	0	0	0	0	606	87	693	106	610	54	770	1884
Grand Total	211	987	0	1198	0	0	0	0	0	1807	275	2082	240	2048	158	2446	5726
Apprch %	17.6	82.4	0		0	0	0		0	86.8	13.2		9.8	83.7	6.5		
Total %	3.7	17.2	0	20.9	0	0	0	0	0	31.6	4.8	36.4	4.2	35.8	2.8	42.7	
Passenger Vehicles	206	784	0	990	0	0	0	0	0	1587	267	1854	228	1982	138	2348	5192
% Passenger Vehicles	97.6	79.4	0	82.6	0	0	0	0	0	87.8	97.1	89	95	96.8	87.3	96	90.7
Dual Wheeled	5	27	0	32	0	0	0	0	0	43	8	51	10	39	5	54	137
% Dual Wheeled	2.4	2.7	0	2.7	0	0	0	0	0	2.4	2.9	2.4	4.2	1.9	3.2	2.2	2.4
Buses	0	176	0	176	0	0	0	0	0	177	0	177	2	27	15	44	397
% Buses	0	17.8	0	14.7	0	0	0	0	0	9.8	0	8.5	0.8	1.3	9.5	1.8	6.9

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	17	85	0	102	0	0	0	0	0	155	25	180	18	203	9	230	512
08:15 AM	15	**90**	0	**105**	0	0	0	0	0	137	25	162	21	**236**	16	**273**	**540**
08:30 AM	**20**	79	0	99	0	0	0	0	0	**177**	15	**192**	17	209	18	244	535
08:45 AM	16	88	0	104	0	0	0	0	0	155	**34**	189	**30**	189	**23**	242	535
Total Volume	68	342	0	410	0	0	0	0	0	624	99	723	86	837	66	989	2122
% App. Total	16.6	83.4	0		0	0	0		0	86.3	13.7		8.7	84.6	6.7		
PHF	.850	.950	.000	.976	.000	.000	.000	.000	.000	.881	.728	.941	.717	.887	.717	.906	.982

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City of Los Angeles
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File Name : 03_LAC_Main_Spring_9th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	09:00 AM				07:00 AM				08:00 AM				07:45 AM			
+0 mins.	21	86	0	107	0	0	0	0	0	155	25	180	10	235	15	260
+15 mins.	15	78	0	93	0	0	0	0	0	137	25	162	18	203	9	230
+30 mins.	20	**92**	0	**112**	0	0	0	0	0	**177**	15	**192**	**21**	**236**	16	**273**
+45 mins.	**26**	83	0	109	0	0	0	0	0	155	**34**	189	17	209	**18**	244
Total Volume	82	339	0	421	0	0	0	0	0	624	99	723	66	883	58	1007
% App. Total	19.5	80.5	0		0	0	0		0	86.3	13.7		6.6	87.7	5.8	
PHF	.788	.921	.000	.940	.000	.000	.000	.000	.000	.881	.728	.941	.786	.935	.806	.922

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Groups Printed- Passenger Vehicles

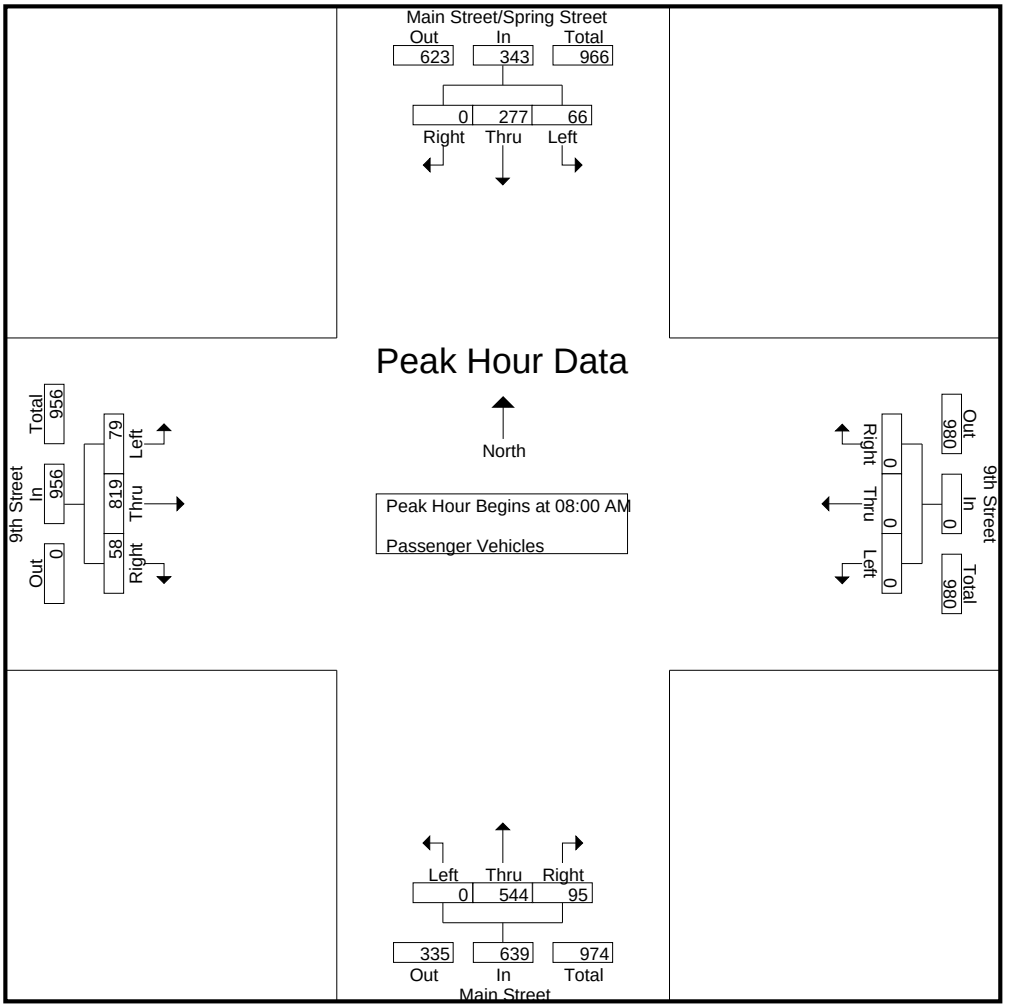
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	8	55	0	63	0	0	0	0	0	130	21	151	13	83	4	100	314
07:15 AM	17	52	0	69	0	0	0	0	0	135	20	155	10	120	7	137	361
07:30 AM	16	66	0	82	0	0	0	0	0	121	20	141	14	149	6	169	392
07:45 AM	19	56	0	75	0	0	0	0	0	131	25	156	10	224	13	247	478
Total	60	229	0	289	0	0	0	0	0	517	86	603	47	576	30	653	1545
08:00 AM	17	67	0	84	0	0	0	0	0	138	25	163	16	197	7	220	467
08:15 AM	14	72	0	86	0	0	0	0	0	117	23	140	20	231	14	265	491
08:30 AM	20	70	0	90	0	0	0	0	0	154	15	169	17	204	16	237	496
08:45 AM	15	68	0	83	0	0	0	0	0	135	32	167	26	187	21	234	484
Total	66	277	0	343	0	0	0	0	0	544	95	639	79	819	58	956	1938
09:00 AM	21	73	0	94	0	0	0	0	0	121	24	145	37	169	11	217	456
09:15 AM	15	60	0	75	0	0	0	0	0	129	20	149	23	144	9	176	400
09:30 AM	19	77	0	96	0	0	0	0	0	147	14	161	24	120	17	161	418
09:45 AM	25	68	0	93	0	0	0	0	0	129	28	157	18	154	13	185	435
Total	80	278	0	358	0	0	0	0	0	526	86	612	102	587	50	739	1709
Grand Total	206	784	0	990	0	0	0	0	0	1587	267	1854	228	1982	138	2348	5192
Apprch %	20.8	79.2	0		0	0	0		0	85.6	14.4		9.7	84.4	5.9		
Total %	4	15.1	0	19.1	0	0	0	0	0	30.6	5.1	35.7	4.4	38.2	2.7	45.2	

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	17	67	0	84	0	0	0	0	0	138	25	163	16	197	7	220	467
08:15 AM	14	**72**	0	86	0	0	0	0	0	117	23	140	20	**231**	14	**265**	491
08:30 AM	**20**	70	0	**90**	0	0	0	0	0	**154**	15	**169**	17	204	16	237	**496**
08:45 AM	15	68	0	83	0	0	0	0	0	135	**32**	167	**26**	187	**21**	234	484
Total Volume	66	277	0	343	0	0	0	0	0	544	95	639	79	819	58	956	1938
% App. Total	19.2	80.8	0		0	0	0		0	85.1	14.9		8.3	85.7	6.1		
PHF	.825	.962	.000	.953	.000	.000	.000	.000	.000	.883	.742	.945	.760	.886	.690	.902	.977

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City of Los Angeles
N/S: Main Street/Spring Street
E/W: 9th Street
Weather: Clear

File Name : 03_LAC_Main_Spring_9th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	17	67	0	84	0	0	0	0	0	138	25	163	16	197	7	220
+15 mins.	14	**72**	0	86	0	0	0	0	0	117	23	140	20	**231**	14	**265**
+30 mins.	**20**	70	0	**90**	0	0	0	0	0	**154**	15	**169**	17	204	16	237
+45 mins.	15	68	0	83	0	0	0	0	0	135	**32**	167	**26**	187	**21**	234
Total Volume	66	277	0	343	0	0	0	0	0	544	95	639	79	819	58	956
% App. Total	19.2	80.8	0		0	0	0		0	85.1	14.9		8.3	85.7	6.1	
PHF	.825	.962	.000	.953	.000	.000	.000	.000	.000	.883	.742	.945	.760	.886	.690	.902

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City of Los Angeles
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File Name : 03_LAC_Main_Spring_9th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Dual Wheeled

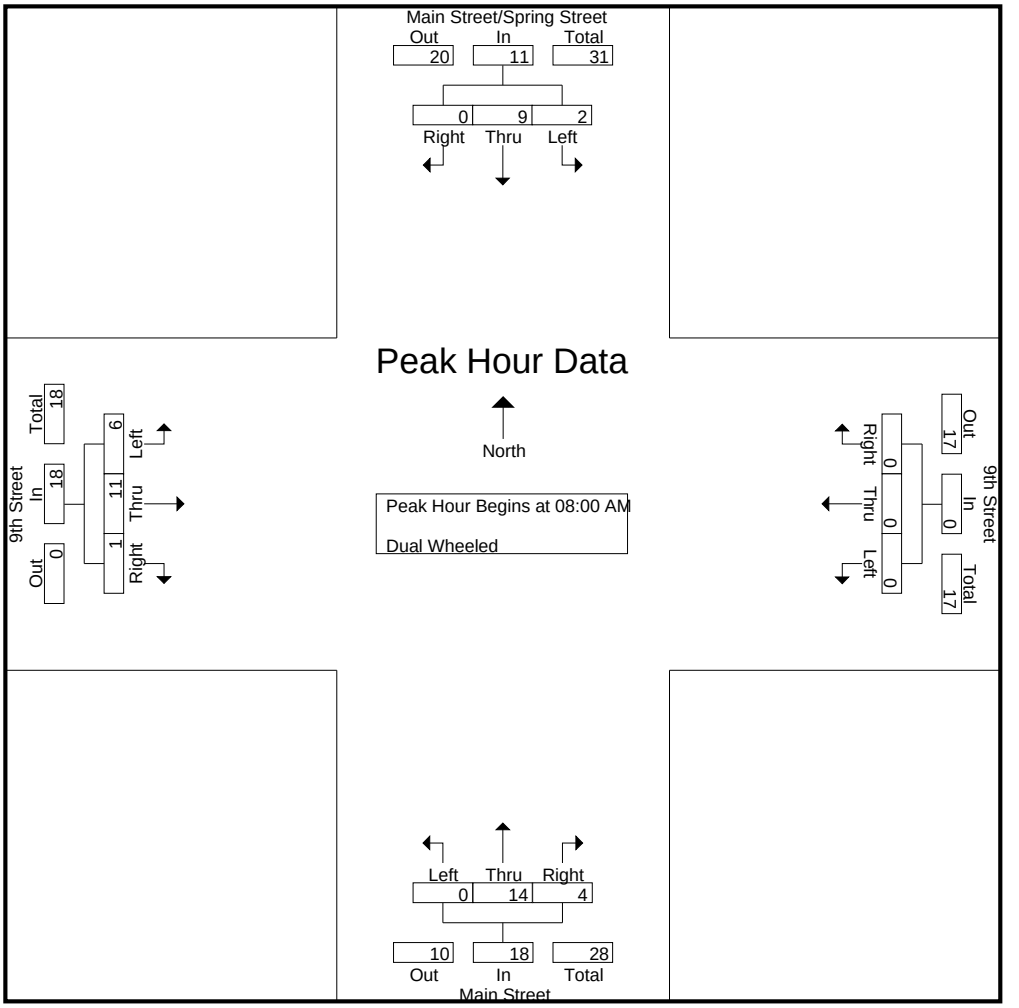
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	1	0	2	0	0	0	0	0	1	0	1	0	1	0	1	4
07:15 AM	0	1	0	1	0	0	0	0	0	4	1	5	0	3	0	3	9
07:30 AM	0	2	0	2	0	0	0	0	0	5	1	6	0	2	2	4	12
07:45 AM	0	4	0	4	0	0	0	0	0	2	1	3	0	4	0	4	11
Total	1	8	0	9	0	0	0	0	0	12	3	15	0	10	2	12	36
08:00 AM	0	3	0	3	0	0	0	0	0	3	0	3	1	4	0	5	11
08:15 AM	1	4	0	5	0	0	0	0	0	5	2	7	1	3	0	4	16
08:30 AM	0	0	0	0	0	0	0	0	0	4	0	4	0	2	1	3	7
08:45 AM	1	2	0	3	0	0	0	0	0	2	2	4	4	2	0	6	13
Total	2	9	0	11	0	0	0	0	0	14	4	18	6	11	1	18	47
09:00 AM	0	3	0	3	0	0	0	0	0	8	0	8	0	4	0	4	15
09:15 AM	0	2	0	2	0	0	0	0	0	1	0	1	2	5	1	8	11
09:30 AM	1	4	0	5	0	0	0	0	0	4	0	4	0	3	1	4	13
09:45 AM	1	1	0	2	0	0	0	0	0	4	1	5	2	6	0	8	15
Total	2	10	0	12	0	0	0	0	0	17	1	18	4	18	2	24	54
Grand Total	5	27	0	32	0	0	0	0	0	43	8	51	10	39	5	54	137
Apprch %	15.6	84.4	0		0	0	0		0	84.3	15.7		18.5	72.2	9.3		
Total %	3.6	19.7	0	23.4	0	0	0	0	0	31.4	5.8	37.2	7.3	28.5	3.6	39.4	

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	3	0	3	0	0	0	0	0	3	0	3	1	**4**	0	5	11
08:15 AM	**1**	**4**	0	**5**	0	0	0	0	0	**5**	**2**	**7**	1	3	0	4	**16**
08:30 AM	0	0	0	0	0	0	0	0	0	4	0	4	0	2	**1**	3	7
08:45 AM	1	2	0	3	0	0	0	0	0	2	2	4	**4**	2	0	**6**	13
Total Volume	2	9	0	11	0	0	0	0	0	14	4	18	6	11	1	18	47
% App. Total	18.2	81.8	0		0	0	0		0	77.8	22.2		33.3	61.1	5.6		
PHF	.500	.563	.000	.550	.000	.000	.000	.000	.000	.700	.500	.643	.375	.688	.250	.750	.734

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City of Los Angeles
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Weather: Clear

File Name : 03_LAC_Main_Spring_9th AM
Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	3	0	3	0	0	0	0	0	3	0	3	1	**4**	0	5
+15 mins.	**1**	**4**	0	**5**	0	0	0	0	0	**5**	**2**	**7**	1	3	0	4
+30 mins.	0	0	0	0	0	0	0	0	0	4	0	4	0	2	**1**	3
+45 mins.	1	2	0	3	0	0	0	0	0	2	2	4	**4**	2	0	**6**
Total Volume	2	9	0	11	0	0	0	0	0	14	4	18	6	11	1	18
% App. Total	18.2	81.8	0		0	0	0		0	77.8	22.2		33.3	61.1	5.6	
PHF	.500	.563	.000	.550	.000	.000	.000	.000	.000	.700	.500	.643	.375	.688	.250	.750

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File Name : 03_LAC_Main_Spring_9th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Buses

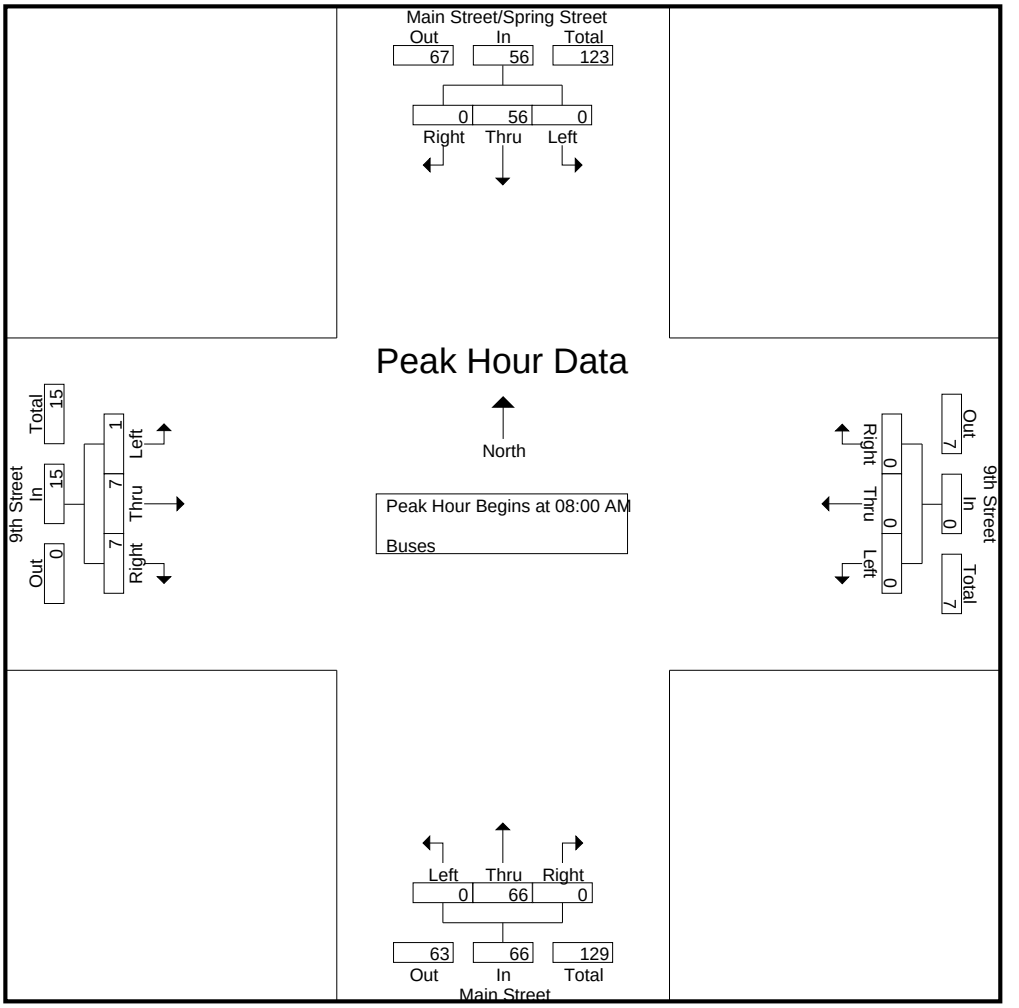
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	20	0	20	0	0	0	0	0	12	0	12	0	3	1	4	36
07:15 AM	0	18	0	18	0	0	0	0	0	9	0	9	0	4	2	6	33
07:30 AM	0	15	0	15	0	0	0	0	0	14	0	14	1	1	1	3	32
07:45 AM	0	16	0	16	0	0	0	0	0	13	0	13	0	7	2	9	38
Total	0	69	0	69	0	0	0	0	0	48	0	48	1	15	6	22	139
08:00 AM	0	15	0	15	0	0	0	0	0	14	0	14	1	2	2	5	34
08:15 AM	0	14	0	14	0	0	0	0	0	15	0	15	0	2	2	4	33
08:30 AM	0	9	0	9	0	0	0	0	0	19	0	19	0	3	1	4	32
08:45 AM	0	18	0	18	0	0	0	0	0	18	0	18	0	0	2	2	38
Total	0	56	0	56	0	0	0	0	0	66	0	66	1	7	7	15	137
09:00 AM	0	10	0	10	0	0	0	0	0	21	0	21	0	3	0	3	34
09:15 AM	0	16	0	16	0	0	0	0	0	18	0	18	0	1	1	2	36
09:30 AM	0	11	0	11	0	0	0	0	0	14	0	14	0	0	1	1	26
09:45 AM	0	14	0	14	0	0	0	0	0	10	0	10	0	1	0	1	25
Total	0	51	0	51	0	0	0	0	0	63	0	63	0	5	2	7	121
Grand Total	0	176	0	176	0	0	0	0	0	177	0	177	2	27	15	44	397
Apprch %	0	100	0		0	0	0		0	100	0		4.5	61.4	34.1		
Total %	0	44.3	0	44.3	0	0	0	0	0	44.6	0	44.6	0.5	6.8	3.8	11.1	

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	15	0	15	0	0	0	0	0	14	0	14	**1**	2	**2**	**5**	34
08:15 AM	0	14	0	14	0	0	0	0	0	15	0	15	0	2	2	4	33
08:30 AM	0	9	0	9	0	0	0	0	0	**19**	0	**19**	0	**3**	1	4	32
08:45 AM	0	**18**	0	**18**	0	0	0	0	0	18	0	18	0	0	2	2	**38**
Total Volume	0	56	0	56	0	0	0	0	0	66	0	66	1	7	7	15	137
% App. Total	0	100	0		0	0	0		0	100	0		6.7	46.7	46.7		
PHF	.000	.778	.000	.778	.000	.000	.000	.000	.000	.868	.000	.868	.250	.583	.875	.750	.901

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City of Los Angeles
N/S: Main Street/Spring Street
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Weather: Clear

File Name : 03_LAC_Main_Spring_9th AM
Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	15	0	15	0	0	0	0	0	14	0	14	**1**	2	**2**	**5**
+15 mins.	0	14	0	14	0	0	0	0	0	15	0	15	0	2	2	4
+30 mins.	0	9	0	9	0	0	0	0	0	**19**	0	**19**	0	**3**	1	4
+45 mins.	0	**18**	0	**18**	0	0	0	0	0	18	0	18	0	0	2	2
Total Volume	0	56	0	56	0	0	0	0	0	66	0	66	1	7	7	15
% App. Total	0	100	0		0	0	0		0	100	0		6.7	46.7	46.7	
PHF	.000	.778	.000	.778	.000	.000	.000	.000	.000	.868	.000	.868	.250	.583	.875	.750

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City of Los Angeles
N/S: Main Street/Spring Street
E/W: 9th Street
Weather: Clear

File Name : 03_LAC_Main_Spring_9th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

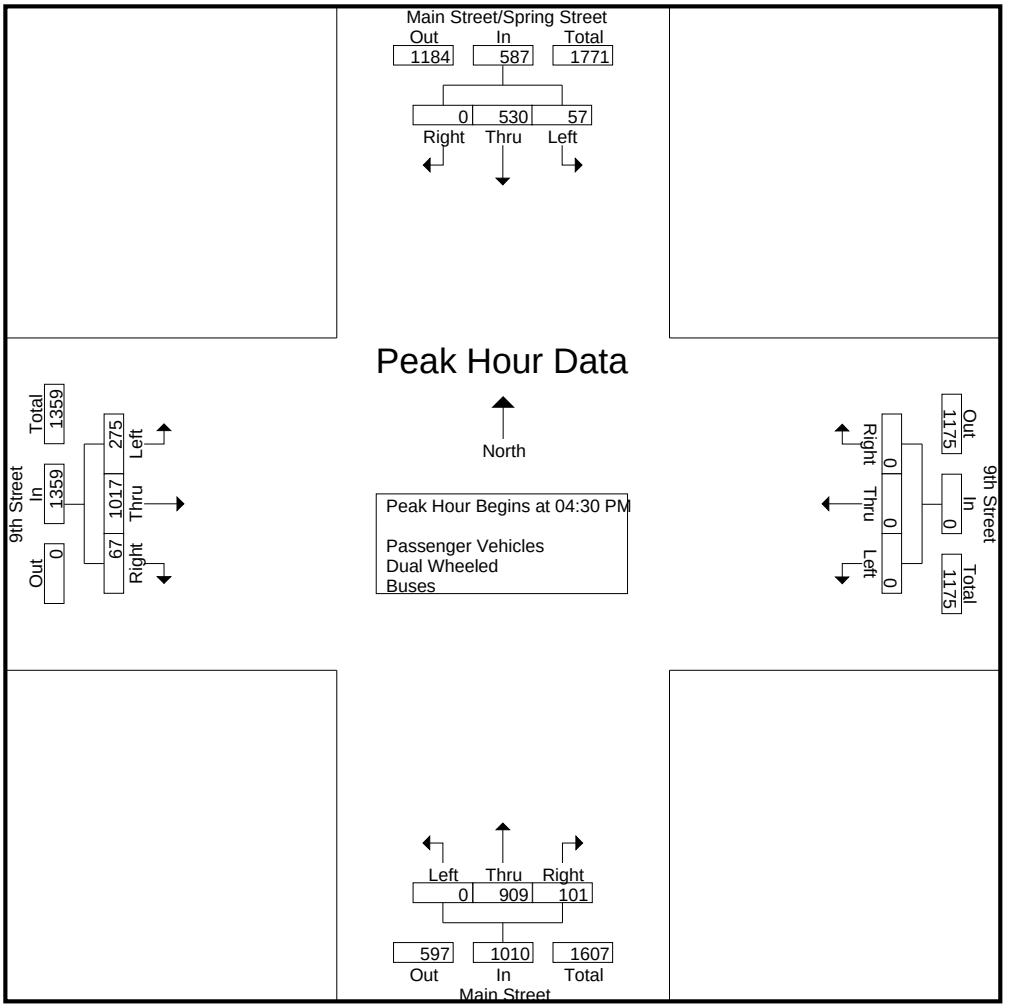
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	20	87	0	107	0	0	0	0	0	158	17	175	50	157	20	227	509
03:15 PM	14	86	0	100	0	0	0	0	0	188	21	209	50	146	17	213	522
03:30 PM	10	80	0	90	0	0	0	0	0	237	18	255	48	190	22	260	605
03:45 PM	15	112	0	127	0	0	0	0	0	175	28	203	46	215	21	282	612
Total	59	365	0	424	0	0	0	0	0	758	84	842	194	708	80	982	2248
04:00 PM	18	104	0	122	0	0	0	0	0	226	20	246	69	260	20	349	717
04:15 PM	12	78	0	90	0	0	0	0	0	235	18	253	72	250	17	339	682
04:30 PM	11	120	0	131	0	0	0	0	0	210	18	228	64	249	26	339	698
04:45 PM	11	141	0	152	0	0	0	0	0	247	15	262	77	236	15	328	742
Total	52	443	0	495	0	0	0	0	0	918	71	989	282	995	78	1355	2839
05:00 PM	14	143	0	157	0	0	0	0	0	259	30	289	84	267	13	364	810
05:15 PM	21	126	0	147	0	0	0	0	0	193	38	231	50	265	13	328	706
05:30 PM	23	119	0	142	0	0	0	0	0	185	32	217	37	260	13	310	669
05:45 PM	14	119	0	133	0	0	0	0	0	188	19	207	54	214	21	289	629
Total	72	507	0	579	0	0	0	0	0	825	119	944	225	1006	60	1291	2814
Grand Total	183	1315	0	1498	0	0	0	0	0	2501	274	2775	701	2709	218	3628	7901
Apprch %	12.2	87.8	0		0	0	0		0	90.1	9.9		19.3	74.7	6		
Total %	2.3	16.6	0	19	0	0	0	0	0	31.7	3.5	35.1	8.9	34.3	2.8	45.9	
Passenger Vehicles	174	1119	0	1293	0	0	0	0	0	2342	258	2600	690	2626	196	3512	7405
% Passenger Vehicles	95.1	85.1	0	86.3	0	0	0	0	0	93.6	94.2	93.7	98.4	96.9	89.9	96.8	93.7
Dual Wheeled	9	13	0	22	0	0	0	0	0	23	13	36	6	63	4	73	131
% Dual Wheeled	4.9	1	0	1.5	0	0	0	0	0	0.9	4.7	1.3	0.9	2.3	1.8	2	1.7
Buses	0	183	0	183	0	0	0	0	0	136	3	139	5	20	18	43	365
% Buses	0	13.9	0	12.2	0	0	0	0	0	5.4	1.1	5	0.7	0.7	8.3	1.2	4.6

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	11	120	0	131	0	0	0	0	0	210	18	228	64	249	**26**	339	698
04:45 PM	11	141	0	152	0	0	0	0	0	247	15	262	77	236	15	328	742
05:00 PM	14	**143**	0	**157**	0	0	0	0	0	**259**	30	**289**	**84**	**267**	13	**364**	**810**
05:15 PM	**21**	126	0	147	0	0	0	0	0	193	**38**	231	50	265	13	328	706
Total Volume	57	530	0	587	0	0	0	0	0	909	101	1010	275	1017	67	1359	2956
% App. Total	9.7	90.3	0		0	0	0		0	90	10		20.2	74.8	4.9		
PHF	.679	.927	.000	.935	.000	.000	.000	.000	.000	.877	.664	.874	.818	.952	.644	.933	.912

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City of Los Angeles
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File Name : 03_LAC_Main_Spring_9th PM
Site Code : 16619068
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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				03:00 PM				04:15 PM				04:15 PM			
+0 mins.	11	141	0	152	0	0	0	0	0	235	18	253	72	250	17	339
+15 mins.	14	**143**	0	**157**	0	0	0	0	0	210	18	228	64	249	**26**	339
+30 mins.	21	126	0	147	0	0	0	0	0	247	15	262	77	236	15	328
+45 mins.	**23**	119	0	142	0	0	0	0	0	**259**	**30**	**289**	**84**	**267**	13	**364**
Total Volume	69	529	0	598	0	0	0	0	0	951	81	1032	297	1002	71	1370
% App. Total	11.5	88.5	0		0	0	0		0	92.2	7.8		21.7	73.1	5.2	
PHF	.750	.925	.000	.952	.000	.000	.000	.000	.000	.918	.675	.893	.884	.938	.683	.941

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Site Code : 16619068
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Groups Printed- Passenger Vehicles

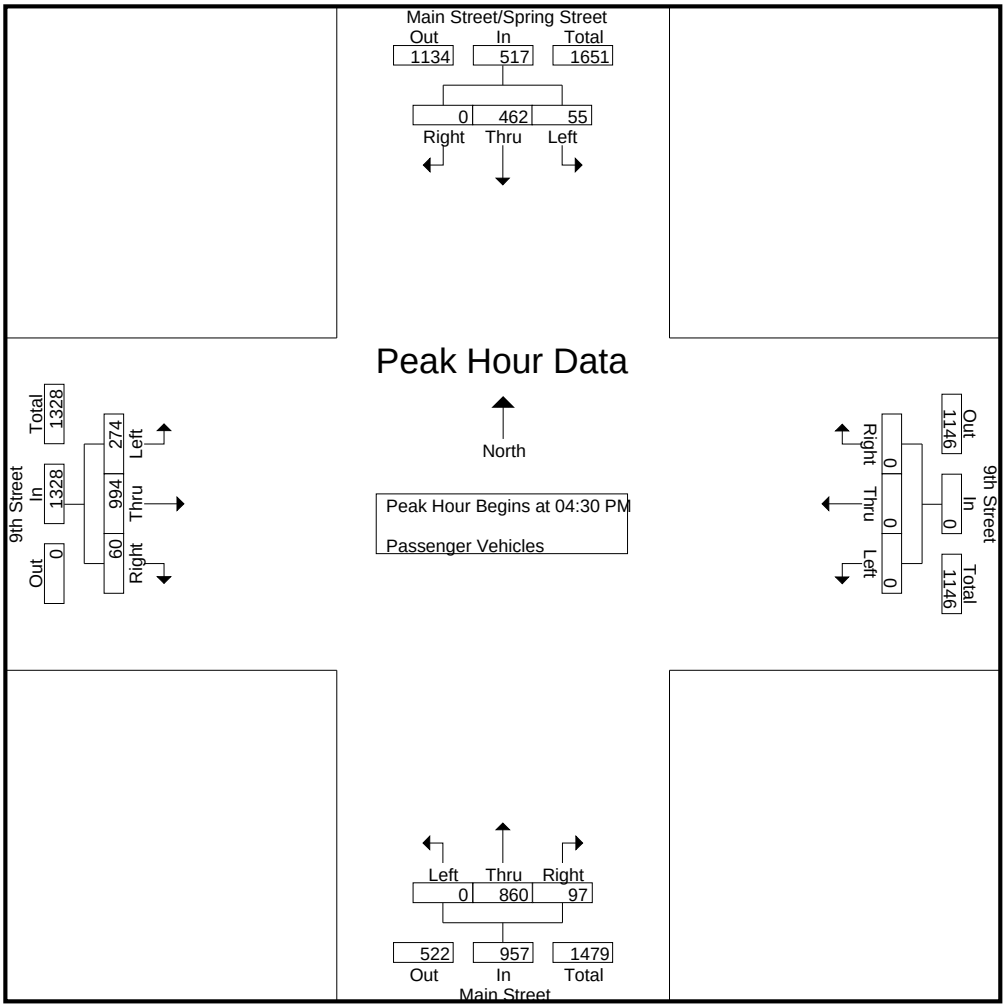
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	16	72	0	88	0	0	0	0	0	147	16	163	47	148	16	211	462
03:15 PM	14	66	0	80	0	0	0	0	0	172	19	191	50	141	17	208	479
03:30 PM	8	66	0	74	0	0	0	0	0	228	18	246	47	181	19	247	567
03:45 PM	15	96	0	111	0	0	0	0	0	161	26	187	46	209	19	274	572
Total	53	300	0	353	0	0	0	0	0	708	79	787	190	679	71	940	2080
04:00 PM	17	89	0	106	0	0	0	0	0	213	20	233	67	248	18	333	672
04:15 PM	12	65	0	77	0	0	0	0	0	219	15	234	69	243	16	328	639
04:30 PM	10	100	0	110	0	0	0	0	0	197	18	215	63	245	24	332	657
04:45 PM	11	125	0	136	0	0	0	0	0	237	13	250	77	229	13	319	705
Total	50	379	0	429	0	0	0	0	0	866	66	932	276	965	71	1312	2673
05:00 PM	14	127	0	141	0	0	0	0	0	245	29	274	84	261	11	356	771
05:15 PM	20	110	0	130	0	0	0	0	0	181	37	218	50	259	12	321	669
05:30 PM	23	100	0	123	0	0	0	0	0	168	29	197	36	254	12	302	622
05:45 PM	14	103	0	117	0	0	0	0	0	174	18	192	54	208	19	281	590
Total	71	440	0	511	0	0	0	0	0	768	113	881	224	982	54	1260	2652
Grand Total	174	1119	0	1293	0	0	0	0	0	2342	258	2600	690	2626	196	3512	7405
Apprch %	13.5	86.5	0		0	0	0		0	90.1	9.9		19.6	74.8	5.6		
Total %	2.3	15.1	0	17.5	0	0	0	0	0	31.6	3.5	35.1	9.3	35.5	2.6	47.4	

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	10	100	0	110	0	0	0	0	0	197	18	215	63	245	**24**	332	657
04:45 PM	11	125	0	136	0	0	0	0	0	237	13	250	77	229	13	319	705
05:00 PM	14	**127**	0	**141**	0	0	0	0	0	**245**	29	**274**	**84**	**261**	11	**356**	**771**
05:15 PM	**20**	110	0	130	0	0	0	0	0	181	**37**	218	50	259	12	321	669
Total Volume	55	462	0	517	0	0	0	0	0	860	97	957	274	994	60	1328	2802
% App. Total	10.6	89.4	0		0	0	0		0	89.9	10.1		20.6	74.8	4.5		
PHF	.688	.909	.000	.917	.000	.000	.000	.000	.000	.878	.655	.873	.815	.952	.625	.933	.909

Counts Unlimited
PO Box 1178
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City of Los Angeles
N/S: Main Street/Spring Street
E/W: 9th Street
Weather: Clear

File Name : 03_LAC_Main_Spring_9th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	10	100	0	110	0	0	0	0	0	197	18	215	63	245	**24**	332
+15 mins.	11	125	0	136	0	0	0	0	0	237	13	250	77	229	13	319
+30 mins.	14	**127**	0	**141**	0	0	0	0	0	**245**	29	**274**	**84**	**261**	11	**356**
+45 mins.	**20**	110	0	130	0	0	0	0	0	181	**37**	218	50	259	12	321
Total Volume	55	462	0	517	0	0	0	0	0	860	97	957	274	994	60	1328
% App. Total	10.6	89.4	0		0	0	0		0	89.9	10.1		20.6	74.8	4.5	
PHF	.688	.909	.000	.917	.000	.000	.000	.000	.000	.878	.655	.873	.815	.952	.625	.933

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City of Los Angeles
N/S: Main Street/Spring Street
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File Name : 03_LAC_Main_Spring_9th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Dual Wheeled

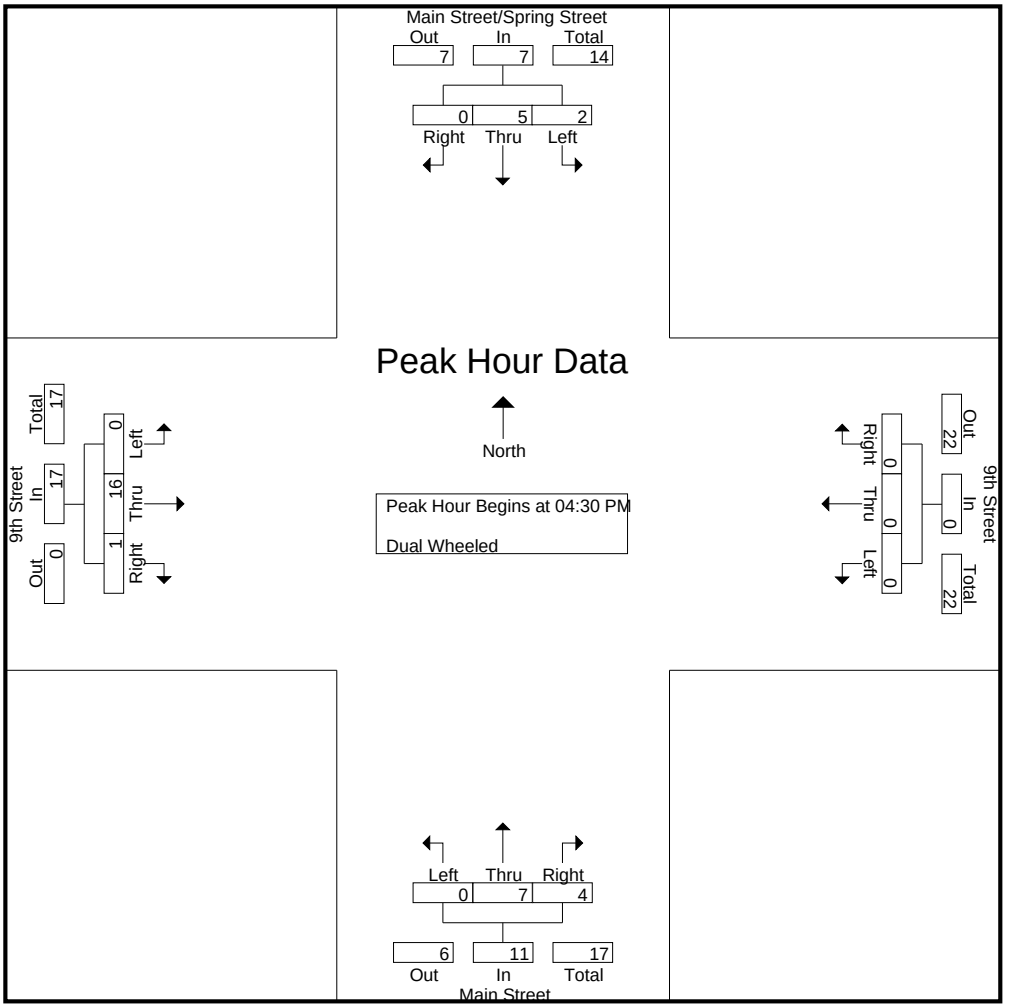
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	4	2	0	6	0	0	0	0	0	2	1	3	2	8	0	10	19
03:15 PM	0	3	0	3	0	0	0	0	0	1	2	3	0	3	0	3	9
03:30 PM	2	1	0	3	0	0	0	0	0	1	0	1	1	7	1	9	13
03:45 PM	0	0	0	0	0	0	0	0	0	3	2	5	0	5	0	5	10
Total	6	6	0	12	0	0	0	0	0	7	5	12	3	23	1	27	51
04:00 PM	1	0	0	1	0	0	0	0	0	3	0	3	1	10	0	11	15
04:15 PM	0	0	0	0	0	0	0	0	0	2	3	5	2	5	1	8	13
04:30 PM	1	1	0	2	0	0	0	0	0	2	0	2	0	3	0	3	7
04:45 PM	0	2	0	2	0	0	0	0	0	2	2	4	0	5	1	6	12
Total	2	3	0	5	0	0	0	0	0	9	5	14	3	23	2	28	47
05:00 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	4	0	4	6
05:15 PM	1	1	0	2	0	0	0	0	0	3	1	4	0	4	0	4	10
05:30 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	4	0	4	6
05:45 PM	0	1	0	1	0	0	0	0	0	4	0	4	0	5	1	6	11
Total	1	4	0	5	0	0	0	0	0	7	3	10	0	17	1	18	33
Grand Total	9	13	0	22	0	0	0	0	0	23	13	36	6	63	4	73	131
Apprch %	40.9	59.1	0		0	0	0		0	63.9	36.1		8.2	86.3	5.5		
Total %	6.9	9.9	0	16.8	0	0	0	0	0	17.6	9.9	27.5	4.6	48.1	3.1	55.7	

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**1**	1	0	**2**	0	0	0	0	0	2	0	2	0	3	0	3	7
04:45 PM	0	**2**	0	2	0	0	0	0	0	2	**2**	**4**	0	**5**	**1**	**6**	**12**
05:00 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	4	0	4	6
05:15 PM	1	1	0	2	0	0	0	0	0	**3**	1	4	0	4	0	4	10
Total Volume	2	5	0	7	0	0	0	0	0	7	4	11	0	16	1	17	35
% App. Total	28.6	71.4	0		0	0	0		0	63.6	36.4		0	94.1	5.9		
PHF	.500	.625	.000	.875	.000	.000	.000	.000	.000	.583	.500	.688	.000	.800	.250	.708	.729

Counts Unlimited
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City of Los Angeles
N/S: Main Street/Spring Street
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Weather: Clear

File Name : 03_LAC_Main_Spring_9th PM
Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	**1**	1	0	**2**	0	0	0	0	0	2	0	2	0	3	0	3
+15 mins.	0	**2**	0	2	0	0	0	0	0	2	**2**	**4**	0	**5**	**1**	**6**
+30 mins.	0	1	0	1	0	0	0	0	0	0	1	1	0	4	0	4
+45 mins.	1	1	0	2	0	0	0	0	0	**3**	1	4	0	4	0	4
Total Volume	2	5	0	7	0	0	0	0	0	7	4	11	0	16	1	17
% App. Total	28.6	71.4	0		0	0	0		0	63.6	36.4		0	94.1	5.9	
PHF	.500	.625	.000	.875	.000	.000	.000	.000	.000	.583	.500	.688	.000	.800	.250	.708

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City of Los Angeles
N/S: Main Street/Spring Street
E/W: 9th Street
Weather: Clear

File Name : 03_LAC_Main_Spring_9th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Buses

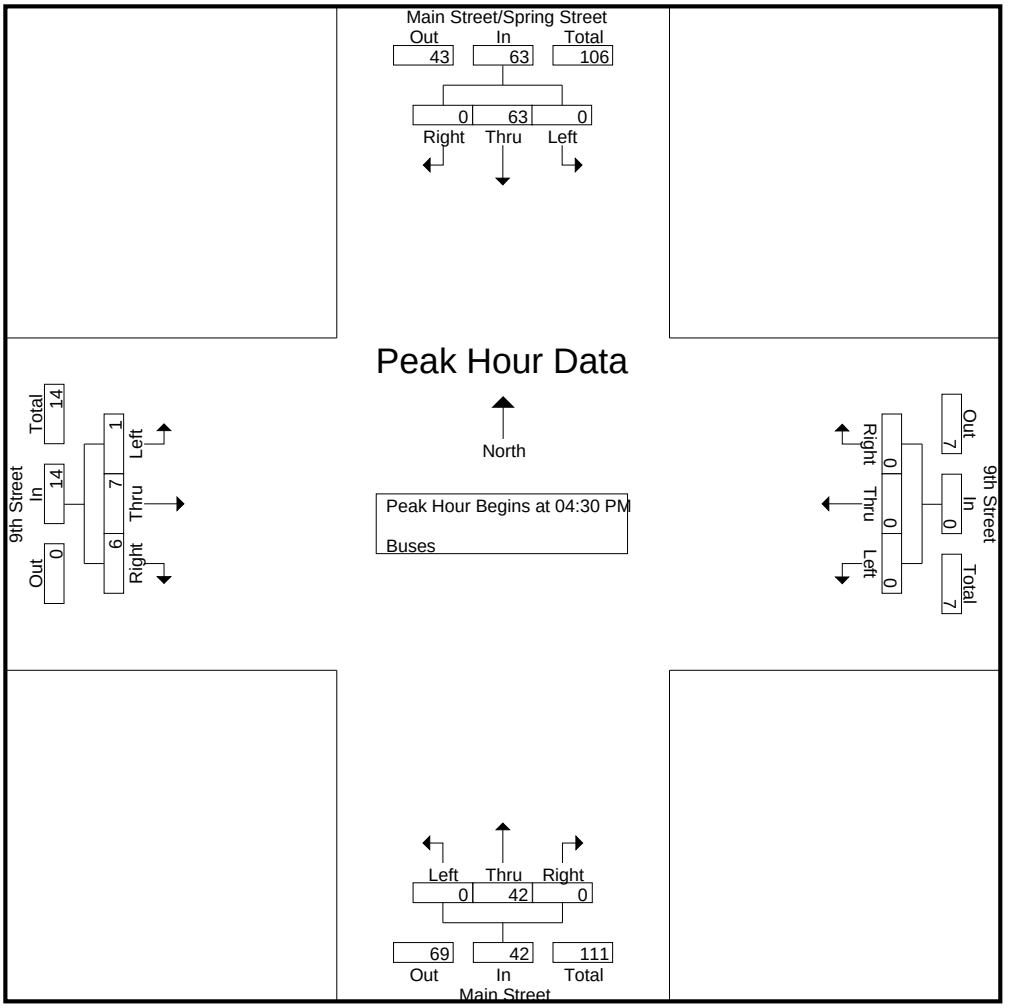
	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	13	0	13	0	0	0	0	0	9	0	9	1	1	4	6	28
03:15 PM	0	17	0	17	0	0	0	0	0	15	0	15	0	2	0	2	34
03:30 PM	0	13	0	13	0	0	0	0	0	8	0	8	0	2	2	4	25
03:45 PM	0	16	0	16	0	0	0	0	0	11	0	11	0	1	2	3	30
Total	0	59	0	59	0	0	0	0	0	43	0	43	1	6	8	15	117
04:00 PM	0	15	0	15	0	0	0	0	0	10	0	10	1	2	2	5	30
04:15 PM	0	13	0	13	0	0	0	0	0	14	0	14	1	2	0	3	30
04:30 PM	0	19	0	19	0	0	0	0	0	11	0	11	1	1	2	4	34
04:45 PM	0	14	0	14	0	0	0	0	0	8	0	8	0	2	1	3	25
Total	0	61	0	61	0	0	0	0	0	43	0	43	3	7	5	15	119
05:00 PM	0	15	0	15	0	0	0	0	0	14	0	14	0	2	2	4	33
05:15 PM	0	15	0	15	0	0	0	0	0	9	0	9	0	2	1	3	27
05:30 PM	0	18	0	18	0	0	0	0	0	17	2	19	1	2	1	4	41
05:45 PM	0	15	0	15	0	0	0	0	0	10	1	11	0	1	1	2	28
Total	0	63	0	63	0	0	0	0	0	50	3	53	1	7	5	13	129
Grand Total	0	183	0	183	0	0	0	0	0	136	3	139	5	20	18	43	365
Apprch %	0	100	0		0	0	0		0	97.8	2.2		11.6	46.5	41.9		
Total %	0	50.1	0	50.1	0	0	0	0	0	37.3	0.8	38.1	1.4	5.5	4.9	11.8	

	Main Street/Spring Street Southbound				9th Street Westbound				Main Street Northbound				9th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	**19**	0	**19**	0	0	0	0	0	11	0	11	**1**	1	**2**	**4**	**34**
04:45 PM	0	14	0	14	0	0	0	0	0	8	0	8	0	**2**	1	3	25
05:00 PM	0	15	0	15	0	0	0	0	0	**14**	0	**14**	0	2	2	4	33
05:15 PM	0	15	0	15	0	0	0	0	0	9	0	9	0	2	1	3	27
Total Volume	0	63	0	63	0	0	0	0	0	42	0	42	1	7	6	14	119
% App. Total	0	100	0		0	0	0		0	100	0		7.1	50	42.9		
PHF	.000	.829	.000	.829	.000	.000	.000	.000	.000	.750	.000	.750	.250	.875	.750	.875	.875

Counts Unlimited
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City of Los Angeles
N/S: Main Street/Spring Street
E/W: 9th Street
Weather: Clear

File Name : 03_LAC_Main_Spring_9th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	**19**	0	**19**	0	0	0	0	0	11	0	11	**1**	1	**2**	**4**
+15 mins.	0	14	0	14	0	0	0	0	0	8	0	8	0	**2**	1	3
+30 mins.	0	15	0	15	0	0	0	0	0	**14**	0	**14**	0	2	2	4
+45 mins.	0	15	0	15	0	0	0	0	0	9	0	9	0	2	1	3
Total Volume	0	63	0	63	0	0	0	0	0	42	0	42	1	7	6	14
% App. Total	0	100	0		0	0	0		0	100	0		7.1	50	42.9	
PHF	.000	.829	.000	.829	.000	.000	.000	.000	.000	.750	.000	.750	.250	.875	.750	.875

City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Main Street/Spring Street

East/West 9th Street

Day: Wednesday **Date:** January 29, 2019 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central I/S CODE 8713

	N/B	S/B	E/B	W/B
DUAL-WHEELED	87	54	127	0
BIKES	93	97	114	42
BUSES	316	359	87	0

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	192	8.30	112	9.30	273	8.15	0	7.00
PM PK 15 MIN	289	5.00	157	5.00	364	5.00	0	3.00
AM PK HOUR	723	8.00	421	9.00	1007	7.45	0	7.00
PM PK HOUR	1032	4.15	598	4.45	1370	4.15	0	3.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	577	89	666
8-9	0	624	99	723
9-10	0	606	87	693
3-4	0	758	84	842
4-5	0	918	71	989
5-6	0	825	119	944
TOTAL	0	4308	549	4857

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	61	306	0	367
8-9	68	342	0	410
9-10	82	339	0	421
3-4	59	365	0	424
4-5	52	443	0	495
5-6	72	507	0	579
TOTAL	394	2302	0	2696

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
1033	60	27	36	22
1133	110	34	72	49
1114	115	19	58	37
1266	149	27	113	37
1484	101	28	112	60
1523	142	40	99	67
7553	677	175	490	272

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	48	601	38	687
8-9	86	837	66	989
9-10	106	610	54	770
3-4	194	708	80	982
4-5	282	995	78	1355
5-6	225	1006	60	1291
TOTAL	941	4757	376	6074

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
687	33	16	36	11
989	38	30	53	6
770	39	20	47	9
982	78	23	92	20
1355	62	41	77	19
1291	43	33	89	38
6074	293	163	394	103

(Rev Oct 06)

City of Los Angeles
Department of Transportation

BICYCLE COUNT SUMMARY

STREET:

North/South:	Main Street/Spring Street				
East/West:	9th Street				
Day:	Wednesday	Date:	1/29/2019	Weather:	CLEAR
School Day:	Yes	District:	Central	I/S Code:	8713
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	5	0	5
8-9	0	14	0	14
9-10	0	5	0	5
3-4	0	18	0	18
4-5	0	18	0	18
5-6	0	31	2	33
TOTAL	0	91	2	93

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	2	17	0	19
8-9	2	11	0	13
9-10	2	9	1	12
3-4	2	19	1	22
4-5	3	17	1	21
5-6	0	8	2	10
TOTAL	11	81	5	97

TOTAL

Hours	N-S
7-8	24
8-9	27
9-10	17
3-4	40
4-5	39
5-6	43
TOTAL	190

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	4	21	2	27
8-9	4	26	3	33
9-10	4	8	1	13
3-4	5	11	3	19
4-5	5	8	0	13
5-6	6	1	2	9
TOTAL	28	75	11	114

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	6	1	7
8-9	0	5	0	5
9-10	0	3	0	3
3-4	2	6	2	10
4-5	0	4	2	6
5-6	1	10	0	11
TOTAL	3	34	5	42

TOTAL

Hours	E-W
7-8	34
8-9	38
9-10	16
3-4	29
4-5	19
5-6	20
TOTAL	156

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	41	2	51	0	94
- No helmet riders	40	49	64	33	186
- Sidewalk Riding	27	40	21	30	118
- Wrong way riding	5	15	2	37	59

NB: Northbound, **SB**: Southbound, **EB**: Eastbound, **WB**: Westbound, **I/S**: Intersection

Source: CUI

LADOT 2015 CMP

City of Los Angeles
Department of Transportation

PEDESTRIAN COUNT SUMMARY

STREET:					
North/South:	Main Street/Spring Street				
East/West:	9th Street				
Day:	Wednesday	Date:	January 29, 2019	Weather:	CLEAR
School Day:	YES	District:	Central	I/S Code:	8713
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	11	9	12	11	43
7:15-7:30	14	14	13	6	47
7:30-7:45	14	28	9	14	65
7:45-8:00	19	36	13	18	86
8:00-8:15	18	24	12	11	65
8:15-8:30	34	33	13	12	92
8:30-8:45	19	32	14	18	83
8:45-9:00	50	55	20	27	152
9:00-9:15	25	44	16	14	99
9:15-9:30	25	33	10	15	83
9:30-9:45	22	28	16	15	81
9:45-10:00	23	29	14	15	81
Hours					
7 - 8	58	87	47	49	241
8 - 9	121	144	59	68	392
9 - 10	95	134	56	59	344
TOTAL	274	365	162	176	977

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	46	64	64	32	206
3:15-3:30	36	86	56	36	214
3:30-3:45	35	78	32	32	177
3:45-4:00	33	70	32	56	191
4:00-4:15	49	44	42	42	177
4:15-4:30	38	46	36	22	142
4:30-4:45	38	56	30	24	148
4:45-5:00	47	56	46	36	185
5:00-5:15	42	78	26	32	178
5:15-5:30	44	62	54	32	192
5:30-5:45	46	94	62	18	220
5:45-6:00	34	50	36	4	124
Hours					
3 - 4	150	298	184	156	788
4 - 5	172	202	154	124	652
5 - 6	166	284	178	86	714
	488	784	516	366	2154

REMARKS (6 hour total):

	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
- Wheelchair/special needs assistance	0	5	2	0	7
- Skateboard/scooter	5	3	12	7	27

N: North, **S**: South, **E**: East, **W**: West, **I/S**: Intersection

Source: LADOT 2015 CMP

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City of Los Angeles
N/S: Main Street
E/W: Olympic Boulevard
Weather: Clear

File Name : 04_LAC_Main_Olympic AM
Site Code : 16619068
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Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

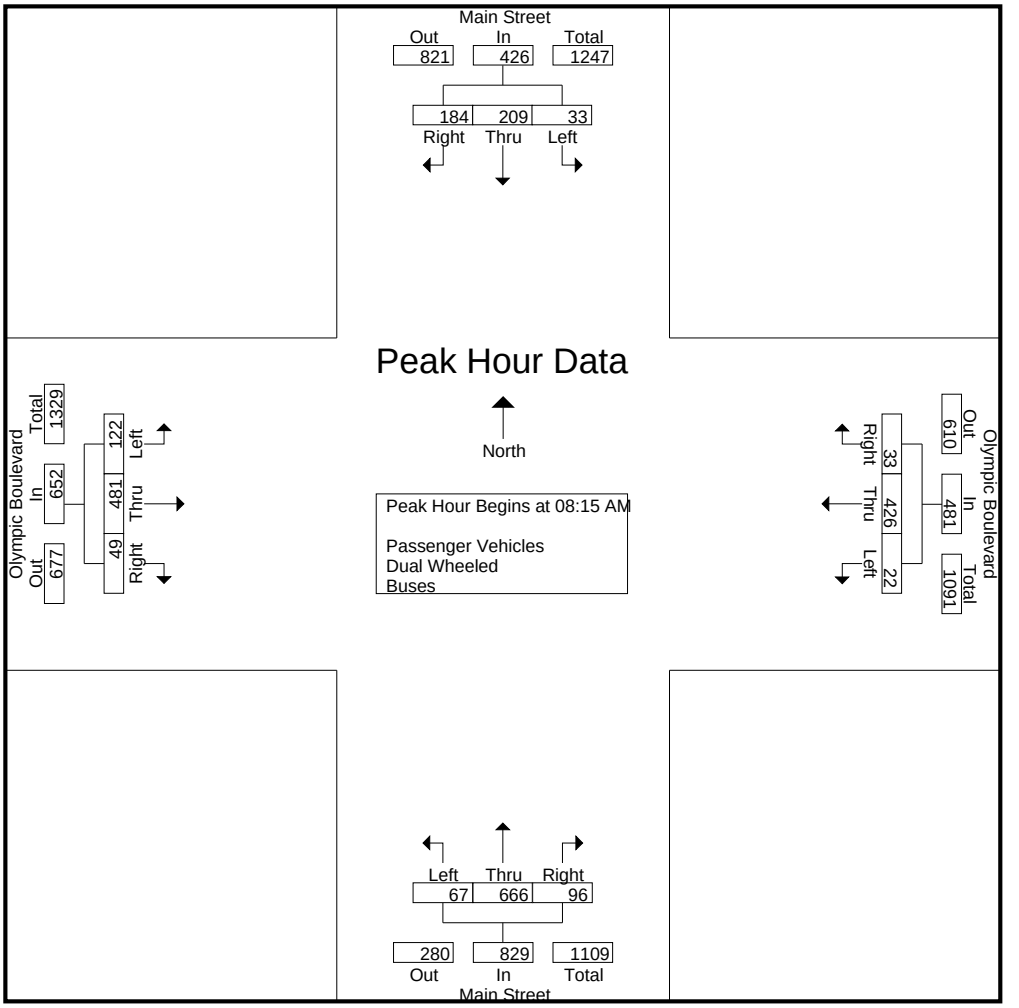
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	56	24	81	9	92	6	107	15	144	8	167	13	36	5	54	409
07:15 AM	1	54	26	81	2	103	5	110	20	162	9	191	11	25	1	37	419
07:30 AM	3	71	35	109	8	118	4	130	14	169	22	205	8	28	5	41	485
07:45 AM	3	64	30	97	8	125	6	139	16	152	22	190	16	35	0	51	477
Total	8	245	115	368	27	438	21	486	65	627	61	753	48	124	11	183	1790
08:00 AM	3	65	40	108	3	103	8	114	12	187	19	218	13	40	5	58	498
08:15 AM	7	60	50	117	4	95	8	107	19	151	27	197	30	120	12	162	583
08:30 AM	10	42	44	96	11	113	5	129	16	193	18	227	24	121	14	159	611
08:45 AM	11	50	53	114	2	121	8	131	17	168	25	210	39	125	14	178	633
Total	31	217	187	435	20	432	29	481	64	699	89	852	106	406	45	557	2325
09:00 AM	5	57	37	99	5	97	12	114	15	154	26	195	29	115	9	153	561
09:15 AM	3	61	31	95	4	102	4	110	15	159	24	198	25	92	6	123	526
09:30 AM	7	62	40	109	8	102	6	116	16	163	21	200	27	113	14	154	579
09:45 AM	6	59	30	95	4	106	7	117	11	157	22	190	23	78	9	110	512
Total	21	239	138	398	21	407	29	457	57	633	93	783	104	398	38	540	2178
Grand Total	60	701	440	1201	68	1277	79	1424	186	1959	243	2388	258	928	94	1280	6293
Apprch %	5	58.4	36.6		4.8	89.7	5.5		7.8	82	10.2		20.2	72.5	7.3		
Total %	1	11.1	7	19.1	1.1	20.3	1.3	22.6	3	31.1	3.9	37.9	4.1	14.7	1.5	20.3	
Passenger Vehicles	50	552	376	978	67	1221	72	1360	182	1799	238	2219	193	900	92	1185	5742
% Passenger Vehicles	83.3	78.7	85.5	81.4	98.5	95.6	91.1	95.5	97.8	91.8	97.9	92.9	74.8	97	97.9	92.6	91.2
Dual Wheeled	2	17	16	35	1	54	7	62	4	41	5	50	7	21	2	30	177
% Dual Wheeled	3.3	2.4	3.6	2.9	1.5	4.2	8.9	4.4	2.2	2.1	2.1	2.1	2.7	2.3	2.1	2.3	2.8
Buses	8	132	48	188	0	2	0	2	0	119	0	119	58	7	0	65	374
% Buses	13.3	18.8	10.9	15.7	0	0.2	0	0.1	0	6.1	0	5	22.5	0.8	0	5.1	5.9

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	7	**60**	50	**117**	4	95	8	107	**19**	151	**27**	197	30	120	12	162	583
08:30 AM	10	42	44	96	**11**	113	5	129	16	**193**	18	**227**	24	121	**14**	159	611
08:45 AM	**11**	50	**53**	114	2	**121**	8	**131**	17	168	25	210	**39**	**125**	14	**178**	**633**
09:00 AM	5	57	37	99	5	97	**12**	114	15	154	26	195	29	115	9	153	561
Total Volume	33	209	184	426	22	426	33	481	67	666	96	829	122	481	49	652	2388
% App. Total	7.7	49.1	43.2		4.6	88.6	6.9		8.1	80.3	11.6		18.7	73.8	7.5		
PHF	.750	.871	.868	.910	.500	.880	.688	.918	.882	.863	.889	.913	.782	.962	.875	.916	.943

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Site Code : 16619068
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Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				07:15 AM				08:00 AM				08:15 AM			
+0 mins.	3	**65**	40	108	2	103	5	110	12	187	19	218	30	120	12	162
+15 mins.	7	60	50	**117**	**8**	118	4	130	**19**	151	**27**	197	24	121	**14**	159
+30 mins.	10	42	44	96	8	**125**	6	**139**	16	**193**	18	**227**	**39**	**125**	14	**178**
+45 mins.	**11**	50	**53**	114	3	103	**8**	114	17	168	25	210	29	115	9	153
Total Volume	31	217	187	435	21	449	23	493	64	699	89	852	122	481	49	652
% App. Total	7.1	49.9	43		4.3	91.1	4.7		7.5	82	10.4		18.7	73.8	7.5	
PHF	.705	.835	.882	.929	.656	.898	.719	.887	.842	.905	.824	.938	.782	.962	.875	.916

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Groups Printed- Passenger Vehicles

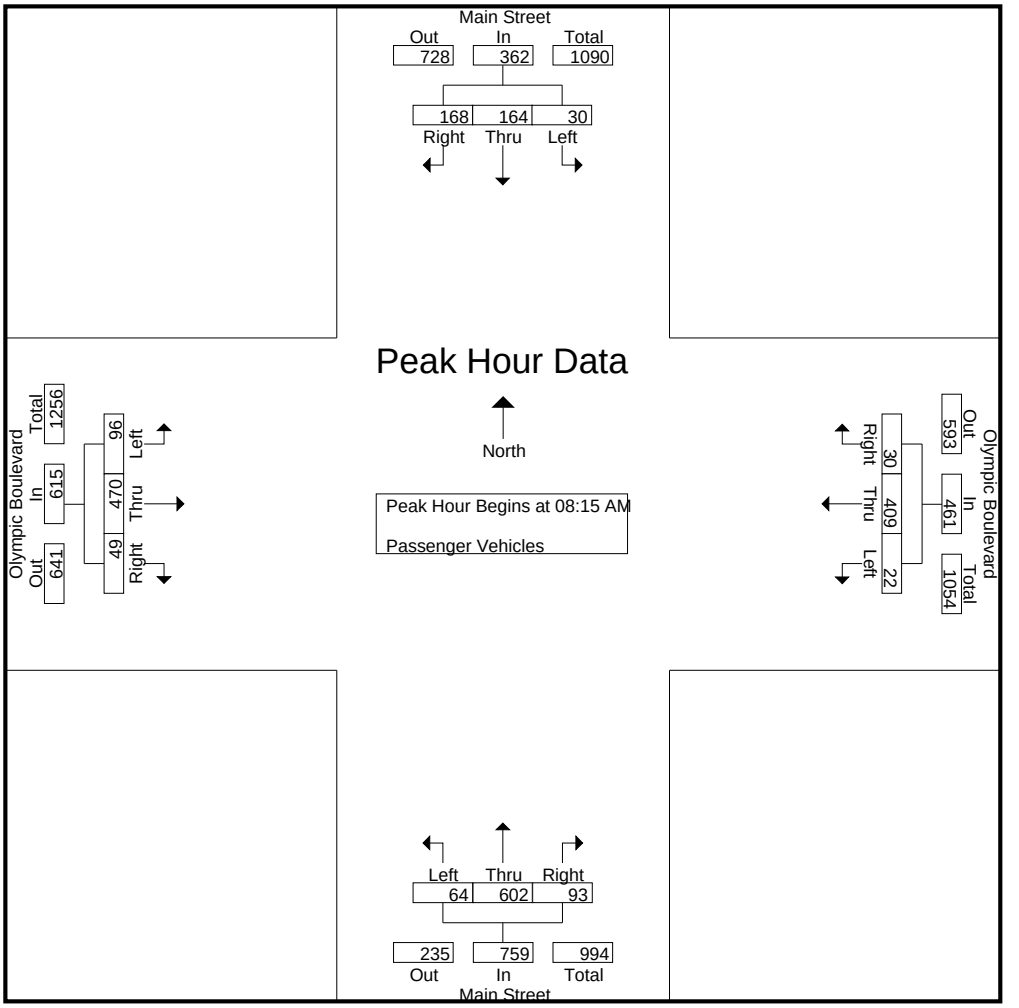
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	44	18	62	9	85	4	98	15	133	8	156	10	34	5	49	365
07:15 AM	1	40	20	61	2	101	5	108	20	155	9	184	6	23	1	30	383
07:30 AM	1	57	28	86	8	109	4	121	14	153	22	189	2	28	5	35	431
07:45 AM	3	50	25	78	8	120	4	132	16	141	20	177	12	32	0	44	431
Total	5	191	91	287	27	415	17	459	65	582	59	706	30	117	11	158	1610
08:00 AM	2	50	32	84	3	98	8	109	12	176	19	207	7	38	4	49	449
08:15 AM	6	43	47	96	4	93	6	103	19	139	27	185	23	120	12	155	539
08:30 AM	10	35	41	86	11	107	4	122	15	172	16	203	22	118	14	154	565
08:45 AM	9	37	47	93	2	116	8	126	16	153	25	194	32	122	14	168	581
Total	27	165	167	359	20	414	26	460	62	640	87	789	84	398	44	526	2134
09:00 AM	5	49	33	87	5	93	12	110	14	138	25	177	19	110	9	138	512
09:15 AM	3	45	27	75	4	99	4	107	15	145	24	184	18	89	6	113	479
09:30 AM	5	54	34	93	8	97	6	111	16	150	21	187	21	109	13	143	534
09:45 AM	5	48	24	77	3	103	7	113	10	144	22	176	21	77	9	107	473
Total	18	196	118	332	20	392	29	441	55	577	92	724	79	385	37	501	1998
Grand Total	50	552	376	978	67	1221	72	1360	182	1799	238	2219	193	900	92	1185	5742
Apprch %	5.1	56.4	38.4		4.9	89.8	5.3		8.2	81.1	10.7		16.3	75.9	7.8		
Total %	0.9	9.6	6.5	17	1.2	21.3	1.3	23.7	3.2	31.3	4.1	38.6	3.4	15.7	1.6	20.6	

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	6	43	**47**	**96**	4	93	6	103	**19**	139	**27**	185	23	120	12	155	539
08:30 AM	**10**	35	41	86	**11**	107	4	122	15	**172**	16	**203**	22	118	**14**	154	565
08:45 AM	9	37	47	93	2	**116**	8	**126**	16	153	25	194	**32**	**122**	14	**168**	**581**
09:00 AM	5	**49**	33	87	5	93	**12**	110	14	138	25	177	19	110	9	138	512
Total Volume	30	164	168	362	22	409	30	461	64	602	93	759	96	470	49	615	2197
% App. Total	8.3	45.3	46.4		4.8	88.7	6.5		8.4	79.3	12.3		15.6	76.4	8		
PHF	.750	.837	.894	.943	.500	.881	.625	.915	.842	.875	.861	.935	.750	.963	.875	.915	.945

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Site Code : 16619068
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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	6	43	**47**	**96**	4	93	6	103	**19**	139	**27**	185	23	120	12	155
+15 mins.	**10**	35	41	86	**11**	107	4	122	15	**172**	16	**203**	22	118	**14**	154
+30 mins.	9	37	47	93	2	**116**	8	**126**	16	153	25	194	**32**	**122**	14	**168**
+45 mins.	5	**49**	33	87	5	93	**12**	110	14	138	25	177	19	110	9	138
Total Volume	30	164	168	362	22	409	30	461	64	602	93	759	96	470	49	615
% App. Total	8.3	45.3	46.4		4.8	88.7	6.5		8.4	79.3	12.3		15.6	76.4	8	
PHF	.750	.837	.894	.943	.500	.881	.625	.915	.842	.875	.861	.935	.750	.963	.875	.915

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Page No : 1

Groups Printed- Dual Wheeled

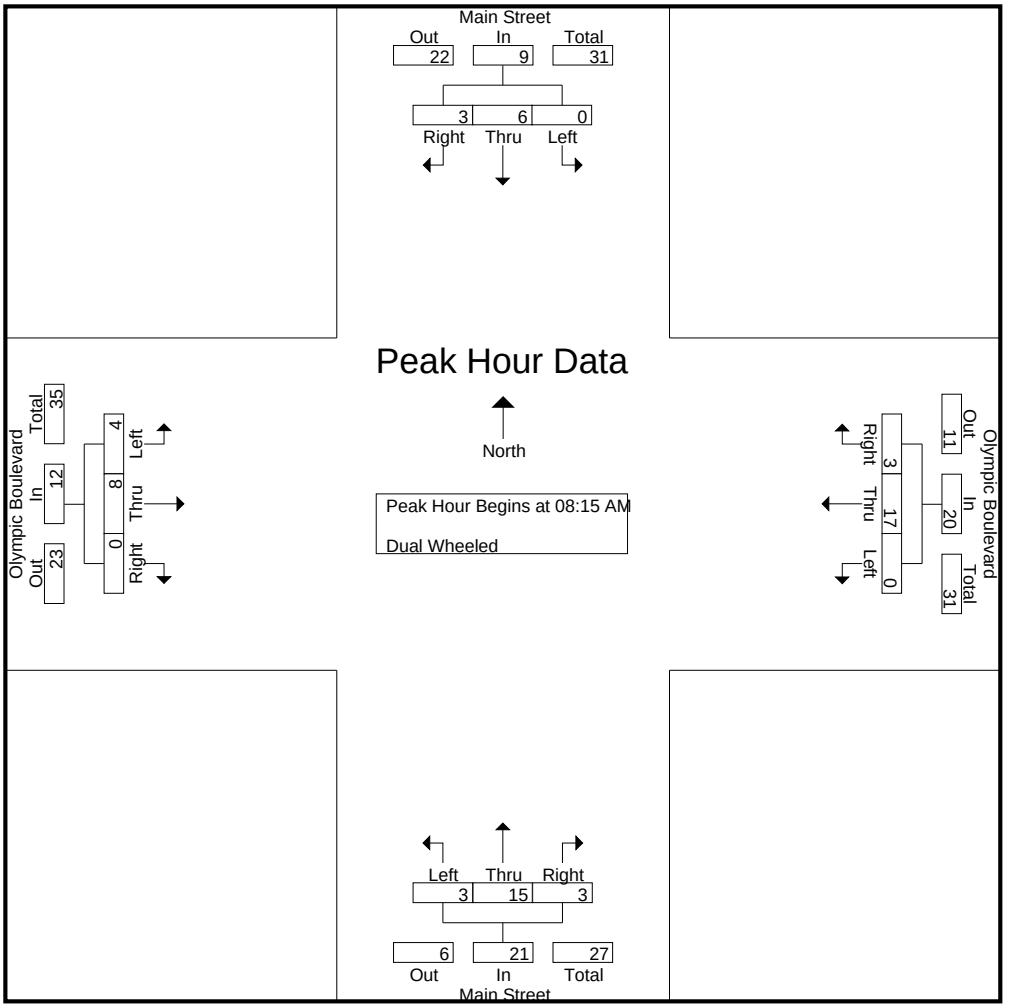
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	1	0	1	0	5	2	7	0	3	0	3	0	2	0	2	13
07:15 AM	0	1	1	2	0	2	0	2	0	2	0	2	0	0	0	0	6
07:30 AM	1	2	1	4	0	9	0	9	0	9	0	9	0	0	0	0	22
07:45 AM	0	2	1	3	0	5	2	7	0	1	2	3	0	3	0	3	16
Total	1	6	3	10	0	21	4	25	0	15	2	17	0	5	0	5	57
08:00 AM	0	0	5	5	0	5	0	5	0	4	0	4	0	1	1	2	16
08:15 AM	0	4	0	4	0	2	2	4	0	3	0	3	1	0	0	1	12
08:30 AM	0	0	0	0	0	6	1	7	1	4	2	7	0	2	0	2	16
08:45 AM	0	1	2	3	0	5	0	5	1	3	0	4	1	3	0	4	16
Total	0	5	7	12	0	18	3	21	2	14	2	18	2	6	1	9	60
09:00 AM	0	1	1	2	0	4	0	4	1	5	1	7	2	3	0	5	18
09:15 AM	0	3	1	4	0	3	0	3	0	1	0	1	0	2	0	2	10
09:30 AM	1	1	4	6	0	5	0	5	0	1	0	1	3	4	1	8	20
09:45 AM	0	1	0	1	1	3	0	4	1	5	0	6	0	1	0	1	12
Total	1	6	6	13	1	15	0	16	2	12	1	15	5	10	1	16	60
Grand Total	2	17	16	35	1	54	7	62	4	41	5	50	7	21	2	30	177
Apprch %	5.7	48.6	45.7		1.6	87.1	11.3		8	82	10		23.3	70	6.7		
Total %	1.1	9.6	9	19.8	0.6	30.5	4	35	2.3	23.2	2.8	28.2	4	11.9	1.1	16.9	

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	0	**4**	0	**4**	0	2	**2**	4	0	3	0	3	1	0	0	1	12
08:30 AM	0	0	0	0	0	**6**	1	**7**	**1**	4	**2**	**7**	0	2	0	2	16
08:45 AM	0	1	**2**	3	0	5	0	5	1	3	0	4	1	**3**	0	4	16
09:00 AM	0	1	1	2	0	4	0	4	1	**5**	1	7	**2**	3	0	**5**	**18**
Total Volume	0	6	3	9	0	17	3	20	3	15	3	21	4	8	0	12	62
% App. Total	0	66.7	33.3		0	85	15		14.3	71.4	14.3		33.3	66.7	0		
PHF	.000	.375	.375	.563	.000	.708	.375	.714	.750	.750	.375	.750	.500	.667	.000	.600	.861

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City of Los Angeles
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File Name : 04_LAC_Main_Olympic AM
Site Code : 16619068
Start Date : 1/29/2019



Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	0	**4**	0	**4**	0	2	**2**	4	0	3	0	3	1	0	0	1
+15 mins.	0	0	0	0	0	**6**	1	**7**	**1**	4	**2**	**7**	0	2	0	2
+30 mins.	0	1	**2**	3	0	5	0	5	1	3	0	4	1	**3**	0	4
+45 mins.	0	1	1	2	0	4	0	4	1	**5**	1	7	**2**	3	0	**5**
Total Volume	0	6	3	9	0	17	3	20	3	15	3	21	4	8	0	12
% App. Total	0	66.7	33.3		0	85	15		14.3	71.4	14.3		33.3	66.7	0	
PHF	.000	.375	.375	.563	.000	.708	.375	.714	.750	.750	.375	.750	.500	.667	.000	.600

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Groups Printed- Buses

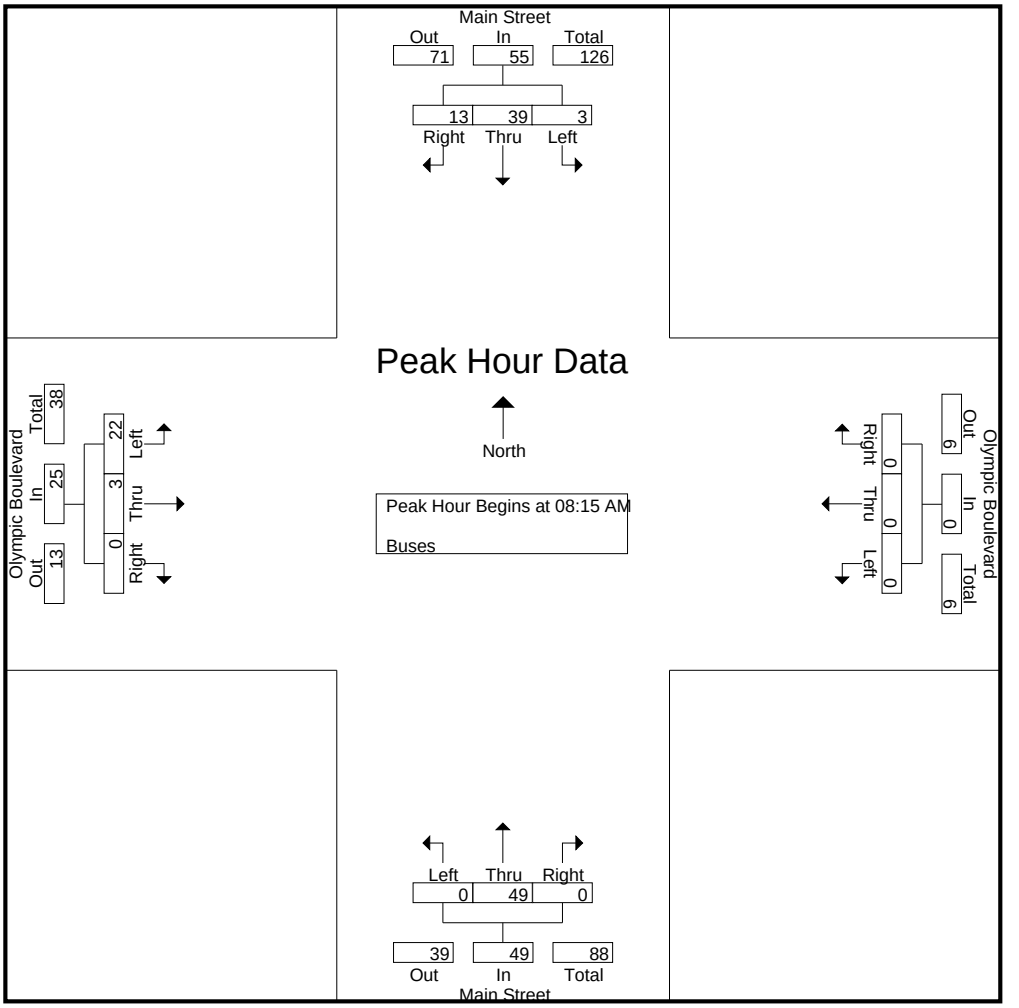
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	11	6	18	0	2	0	2	0	8	0	8	3	0	0	3	31
07:15 AM	0	13	5	18	0	0	0	0	0	5	0	5	5	2	0	7	30
07:30 AM	1	12	6	19	0	0	0	0	0	7	0	7	6	0	0	6	32
07:45 AM	0	12	4	16	0	0	0	0	0	10	0	10	4	0	0	4	30
Total	2	48	21	71	0	2	0	2	0	30	0	30	18	2	0	20	123
08:00 AM	1	15	3	19	0	0	0	0	0	7	0	7	6	1	0	7	33
08:15 AM	1	13	3	17	0	0	0	0	0	9	0	9	6	0	0	6	32
08:30 AM	0	7	3	10	0	0	0	0	0	17	0	17	2	1	0	3	30
08:45 AM	2	12	4	18	0	0	0	0	0	12	0	12	6	0	0	6	36
Total	4	47	13	64	0	0	0	0	0	45	0	45	20	2	0	22	131
09:00 AM	0	7	3	10	0	0	0	0	0	11	0	11	8	2	0	10	31
09:15 AM	0	13	3	16	0	0	0	0	0	13	0	13	7	1	0	8	37
09:30 AM	1	7	2	10	0	0	0	0	0	12	0	12	3	0	0	3	25
09:45 AM	1	10	6	17	0	0	0	0	0	8	0	8	2	0	0	2	27
Total	2	37	14	53	0	0	0	0	0	44	0	44	20	3	0	23	120
Grand Total	8	132	48	188	0	2	0	2	0	119	0	119	58	7	0	65	374
Apprch %	4.3	70.2	25.5		0	100	0		0	100	0		89.2	10.8	0		
Total %	2.1	35.3	12.8	50.3	0	0.5	0	0.5	0	31.8	0	31.8	15.5	1.9	0	17.4	

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	1	**13**	3	17	0	0	0	0	0	9	0	9	6	0	0	6	32
08:30 AM	0	7	3	10	0	0	0	0	0	**17**	0	**17**	2	1	0	3	30
08:45 AM	**2**	12	**4**	**18**	0	0	0	0	0	12	0	12	6	0	0	6	**36**
09:00 AM	0	7	3	10	0	0	0	0	0	11	0	11	**8**	**2**	0	**10**	31
Total Volume	3	39	13	55	0	0	0	0	0	49	0	49	22	3	0	25	129
% App. Total	5.5	70.9	23.6		0	0	0		0	100	0		88	12	0		
PHF	.375	.750	.813	.764	.000	.000	.000	.000	.000	.721	.000	.721	.688	.375	.000	.625	.896

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Peak Hour Analysis From 08:15 AM to 09:00 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:15 AM				08:15 AM				08:15 AM				08:15 AM			
+0 mins.	1	**13**	3	17	0	0	0	0	0	9	0	9	6	0	0	6
+15 mins.	0	7	3	10	0	0	0	0	0	**17**	0	**17**	2	1	0	3
+30 mins.	**2**	12	**4**	**18**	0	0	0	0	0	12	0	12	6	0	0	6
+45 mins.	0	7	3	10	0	0	0	0	0	11	0	11	**8**	**2**	0	**10**
Total Volume	3	39	13	55	0	0	0	0	0	49	0	49	22	3	0	25
% App. Total	5.5	70.9	23.6		0	0	0		0	100	0		88	12	0	
PHF	.375	.750	.813	.764	.000	.000	.000	.000	.000	.721	.000	.721	.688	.375	.000	.625

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City of Los Angeles
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Weather: Clear

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Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

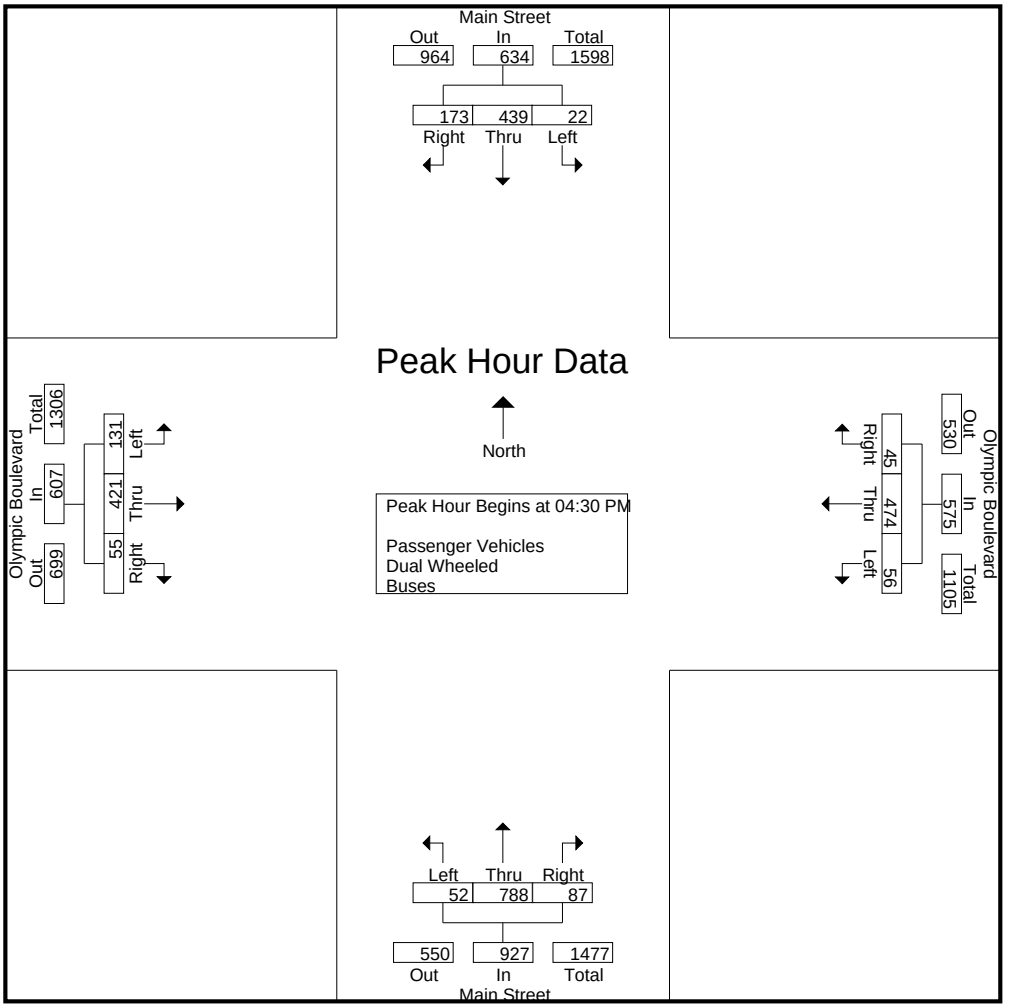
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	7	74	27	108	14	101	14	129	25	135	27	187	25	96	16	137	561
03:15 PM	5	75	33	113	10	121	14	145	10	158	20	188	35	80	17	132	578
03:30 PM	8	79	30	117	7	89	11	107	12	195	24	231	38	106	12	156	611
03:45 PM	7	83	40	130	7	99	14	120	10	163	18	191	28	92	15	135	576
Total	27	311	130	468	38	410	53	501	57	651	89	797	126	374	60	560	2326
04:00 PM	3	85	39	127	15	115	10	140	20	202	13	235	34	100	19	153	655
04:15 PM	2	55	40	97	15	119	13	147	14	214	17	245	28	96	19	143	632
04:30 PM	10	102	41	153	11	106	13	130	12	182	19	213	30	103	19	152	648
04:45 PM	4	110	53	167	13	116	9	138	15	212	31	258	32	109	20	161	724
Total	19	352	173	544	54	456	45	555	61	810	80	951	124	408	77	609	2659
05:00 PM	5	107	34	146	16	141	12	169	18	226	21	265	41	83	3	127	707
05:15 PM	3	120	45	168	16	111	11	138	7	168	16	191	28	126	13	167	664
05:30 PM	7	96	39	142	17	108	17	142	9	147	11	167	32	100	12	144	595
05:45 PM	3	117	39	159	22	112	13	147	12	160	11	183	29	119	11	159	648
Total	18	440	157	615	71	472	53	596	46	701	59	806	130	428	39	597	2614
Grand Total	64	1103	460	1627	163	1338	151	1652	164	2162	228	2554	380	1210	176	1766	7599
Apprch %	3.9	67.8	28.3		9.9	81	9.1		6.4	84.7	8.9		21.5	68.5	10		
Total %	0.8	14.5	6.1	21.4	2.1	17.6	2	21.7	2.2	28.5	3	33.6	5	15.9	2.3	23.2	
Passenger Vehicles	55	937	411	1403	160	1313	146	1619	163	2023	220	2406	336	1181	172	1689	7117
% Passenger Vehicles	85.9	85	89.3	86.2	98.2	98.1	96.7	98	99.4	93.6	96.5	94.2	88.4	97.6	97.7	95.6	93.7
Dual Wheeled	0	17	2	19	2	25	5	32	1	37	5	43	4	22	3	29	123
% Dual Wheeled	0	1.5	0.4	1.2	1.2	1.9	3.3	1.9	0.6	1.7	2.2	1.7	1.1	1.8	1.7	1.6	1.6
Buses	9	149	47	205	1	0	0	1	0	102	3	105	40	7	1	48	359
% Buses	14.1	13.5	10.2	12.6	0.6	0	0	0.1	0	4.7	1.3	4.1	10.5	0.6	0.6	2.7	4.7

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**10**	102	41	153	11	106	**13**	130	12	182	19	213	30	103	19	152	648
04:45 PM	4	110	**53**	167	13	116	9	138	15	212	**31**	258	32	109	**20**	161	**724**
05:00 PM	5	107	34	146	**16**	**141**	12	**169**	**18**	**226**	21	**265**	**41**	83	3	127	707
05:15 PM	3	**120**	45	**168**	16	111	11	138	7	168	16	191	28	**126**	13	**167**	664
Total Volume	22	439	173	634	56	474	45	575	52	788	87	927	131	421	55	607	2743
% App. Total	3.5	69.2	27.3		9.7	82.4	7.8		5.6	85	9.4		21.6	69.4	9.1		
PHF	.550	.915	.816	.943	.875	.840	.865	.851	.722	.872	.702	.875	.799	.835	.688	.909	.947

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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:15 PM				04:00 PM			
+0 mins.	**10**	102	41	153	16	**141**	12	**169**	14	214	17	245	**34**	100	19	153
+15 mins.	4	110	**53**	167	16	111	11	138	12	182	19	213	28	96	19	143
+30 mins.	5	107	34	146	17	108	**17**	142	15	212	**31**	258	30	103	19	152
+45 mins.	3	**120**	45	**168**	**22**	112	13	147	**18**	**226**	21	**265**	32	**109**	**20**	**161**
Total Volume	22	439	173	634	71	472	53	596	59	834	88	981	124	408	77	609
% App. Total	3.5	69.2	27.3		11.9	79.2	8.9		6	85	9		20.4	67	12.6	
PHF	.550	.915	.816	.943	.807	.837	.779	.882	.819	.923	.710	.925	.912	.936	.963	.946

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Groups Printed- Passenger Vehicles

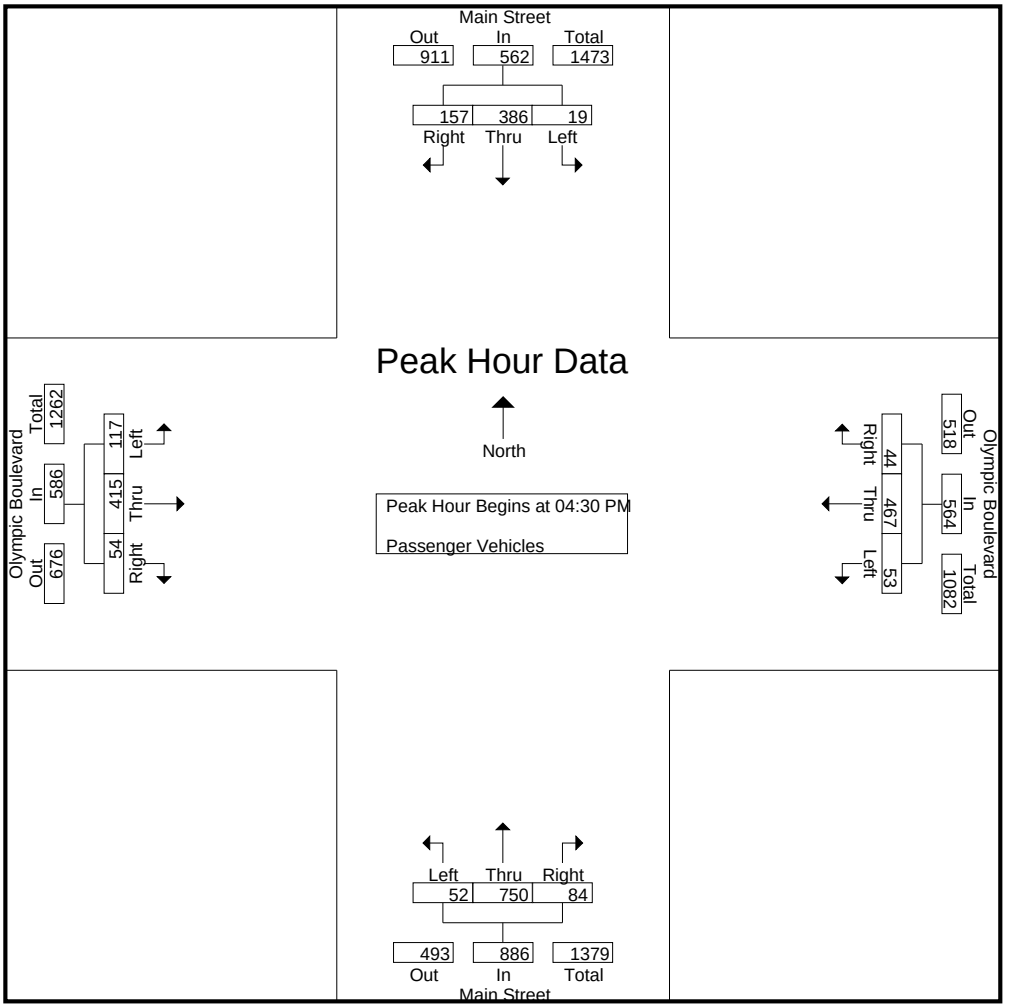
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	5	62	23	90	14	100	14	128	25	125	26	176	22	90	15	127	521
03:15 PM	5	56	29	90	10	118	14	142	10	142	18	170	31	79	16	126	528
03:30 PM	7	65	26	98	7	85	9	101	12	186	23	221	36	100	12	148	568
03:45 PM	6	69	37	112	7	97	13	117	9	154	17	180	21	89	15	125	534
Total	23	252	115	390	38	400	50	488	56	607	84	747	110	358	58	526	2151
04:00 PM	3	73	35	111	15	111	9	135	20	192	13	225	30	98	19	147	618
04:15 PM	2	44	35	81	15	116	13	144	14	197	17	228	25	94	18	137	590
04:30 PM	8	87	37	132	11	104	13	128	12	174	18	204	25	100	19	144	608
04:45 PM	4	100	48	152	11	114	9	134	15	204	29	248	30	107	19	156	690
Total	17	304	155	476	52	445	44	541	61	767	77	905	110	399	75	584	2506
05:00 PM	5	89	32	126	16	138	11	165	18	214	21	253	37	82	3	122	666
05:15 PM	2	110	40	152	15	111	11	137	7	158	16	181	25	126	13	164	634
05:30 PM	5	80	35	120	17	107	17	141	9	132	11	152	26	100	12	138	551
05:45 PM	3	102	34	139	22	112	13	147	12	145	11	168	28	116	11	155	609
Total	15	381	141	537	70	468	52	590	46	649	59	754	116	424	39	579	2460
Grand Total	55	937	411	1403	160	1313	146	1619	163	2023	220	2406	336	1181	172	1689	7117
Apprch %	3.9	66.8	29.3		9.9	81.1	9		6.8	84.1	9.1		19.9	69.9	10.2		
Total %	0.8	13.2	5.8	19.7	2.2	18.4	2.1	22.7	2.3	28.4	3.1	33.8	4.7	16.6	2.4	23.7	

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**8**	87	37	132	11	104	**13**	128	12	174	18	204	25	100	**19**	144	608
04:45 PM	4	100	**48**	**152**	11	114	9	134	15	204	**29**	248	30	107	19	156	**690**
05:00 PM	5	89	32	126	**16**	**138**	11	**165**	**18**	**214**	21	**253**	**37**	82	3	122	666
05:15 PM	2	**110**	40	152	15	111	11	137	7	158	16	181	25	**126**	13	**164**	634
Total Volume	19	386	157	562	53	467	44	564	52	750	84	886	117	415	54	586	2598
% App. Total	3.4	68.7	27.9		9.4	82.8	7.8		5.9	84.7	9.5		20	70.8	9.2		
PHF	.594	.877	.818	.924	.828	.846	.846	.855	.722	.876	.724	.875	.791	.823	.711	.893	.941

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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	**8**	87	37	132	11	104	**13**	128	12	174	18	204	25	100	**19**	144
+15 mins.	4	100	**48**	**152**	11	114	9	134	15	204	**29**	248	30	107	19	156
+30 mins.	5	89	32	126	**16**	**138**	11	**165**	**18**	**214**	21	**253**	**37**	82	3	122
+45 mins.	2	**110**	40	152	15	111	11	137	7	158	16	181	25	**126**	13	**164**
Total Volume	19	386	157	562	53	467	44	564	52	750	84	886	117	415	54	586
% App. Total	3.4	68.7	27.9		9.4	82.8	7.8		5.9	84.7	9.5		20	70.8	9.2	
PHF	.594	.877	.818	.924	.828	.846	.846	.855	.722	.876	.724	.875	.791	.823	.711	.893

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Groups Printed- Dual Wheeled

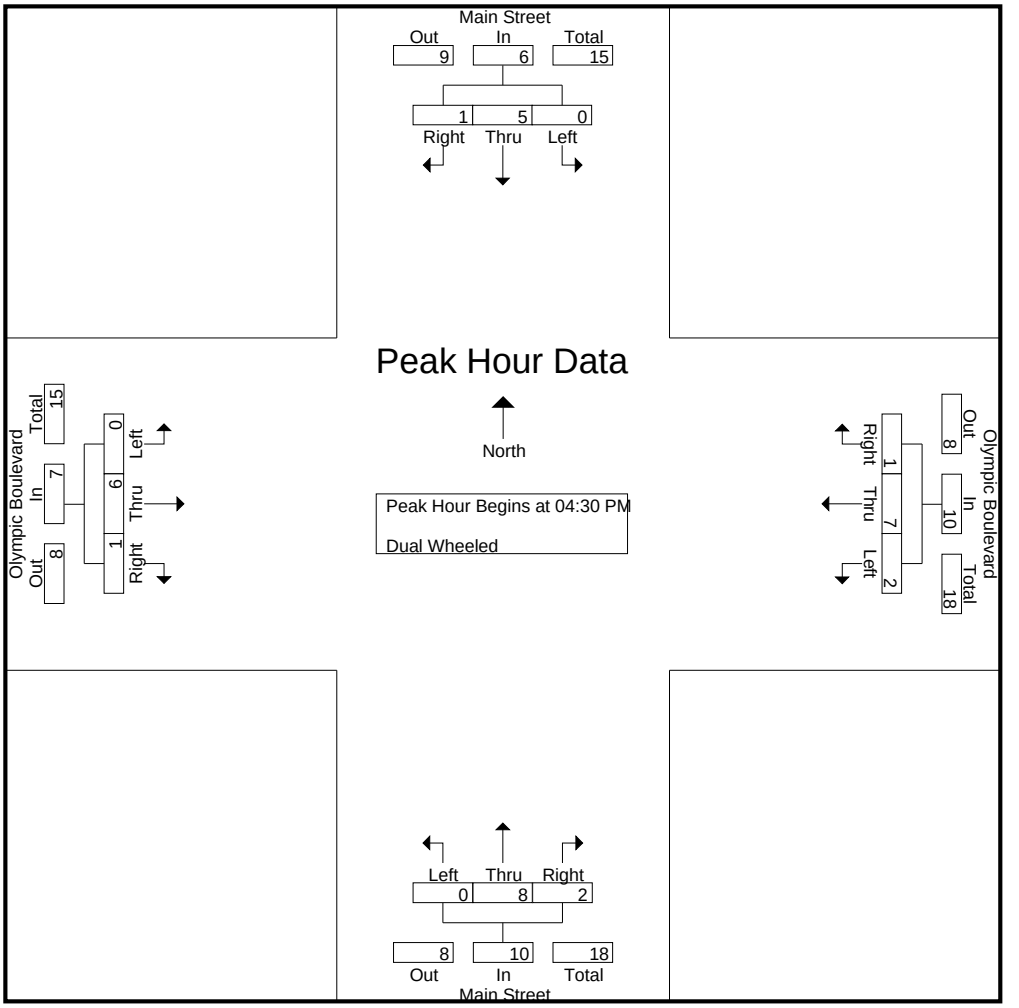
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	2	0	2	0	1	0	1	0	4	0	4	0	3	0	3	10
03:15 PM	0	4	0	4	0	3	0	3	0	5	1	6	0	1	1	2	15
03:30 PM	0	2	0	2	0	4	2	6	0	4	1	5	0	3	0	3	16
03:45 PM	0	1	0	1	0	2	1	3	1	3	1	5	1	2	0	3	12
Total	0	9	0	9	0	10	3	13	1	16	3	20	1	9	1	11	53
04:00 PM	0	0	0	0	0	4	1	5	0	3	0	3	1	2	0	3	11
04:15 PM	0	0	1	1	0	3	0	3	0	5	0	5	1	2	1	4	13
04:30 PM	0	1	0	1	0	2	0	2	0	2	0	2	0	3	0	3	8
04:45 PM	0	2	1	3	1	2	0	3	0	2	2	4	0	2	1	3	13
Total	0	3	2	5	1	11	1	13	0	12	2	14	2	9	2	13	45
05:00 PM	0	1	0	1	0	3	1	4	0	1	0	1	0	1	0	1	7
05:15 PM	0	1	0	1	1	0	0	1	0	3	0	3	0	0	0	0	5
05:30 PM	0	1	0	1	0	1	0	1	0	1	0	1	1	0	0	1	4
05:45 PM	0	2	0	2	0	0	0	0	0	4	0	4	0	3	0	3	9
Total	0	5	0	5	1	4	1	6	0	9	0	9	1	4	0	5	25
Grand Total	0	17	2	19	2	25	5	32	1	37	5	43	4	22	3	29	123
Apprch %	0	89.5	10.5		6.2	78.1	15.6		2.3	86	11.6		13.8	75.9	10.3		
Total %	0	13.8	1.6	15.4	1.6	20.3	4.1	26	0.8	30.1	4.1	35	3.3	17.9	2.4	23.6	

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	1	0	1	0	2	0	2	0	2	0	2	0	**3**	0	**3**	8
04:45 PM	0	**2**	**1**	**3**	**1**	2	0	3	0	2	**2**	**4**	0	2	**1**	3	**13**
05:00 PM	0	1	0	1	0	**3**	**1**	**4**	0	1	0	1	0	1	0	1	7
05:15 PM	0	1	0	1	1	0	0	1	0	**3**	0	3	0	0	0	0	5
Total Volume	0	5	1	6	2	7	1	10	0	8	2	10	0	6	1	7	33
% App. Total	0	83.3	16.7		20	70	10		0	80	20		0	85.7	14.3		
PHF	.000	.625	.250	.500	.500	.583	.250	.625	.000	.667	.250	.625	.000	.500	.250	.583	.635

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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	1	0	1	0	2	0	2	0	2	0	2	0	**3**	0	**3**
+15 mins.	0	**2**	**1**	**3**	**1**	2	0	3	0	2	**2**	**4**	0	2	**1**	3
+30 mins.	0	1	0	1	0	**3**	**1**	**4**	0	1	0	1	0	1	0	1
+45 mins.	0	1	0	1	1	0	0	1	0	**3**	0	3	0	0	0	0
Total Volume	0	5	1	6	2	7	1	10	0	8	2	10	0	6	1	7
% App. Total	0	83.3	16.7		20	70	10		0	80	20		0	85.7	14.3	
PHF	.000	.625	.250	.500	.500	.583	.250	.625	.000	.667	.250	.625	.000	.500	.250	.583

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Groups Printed- Buses

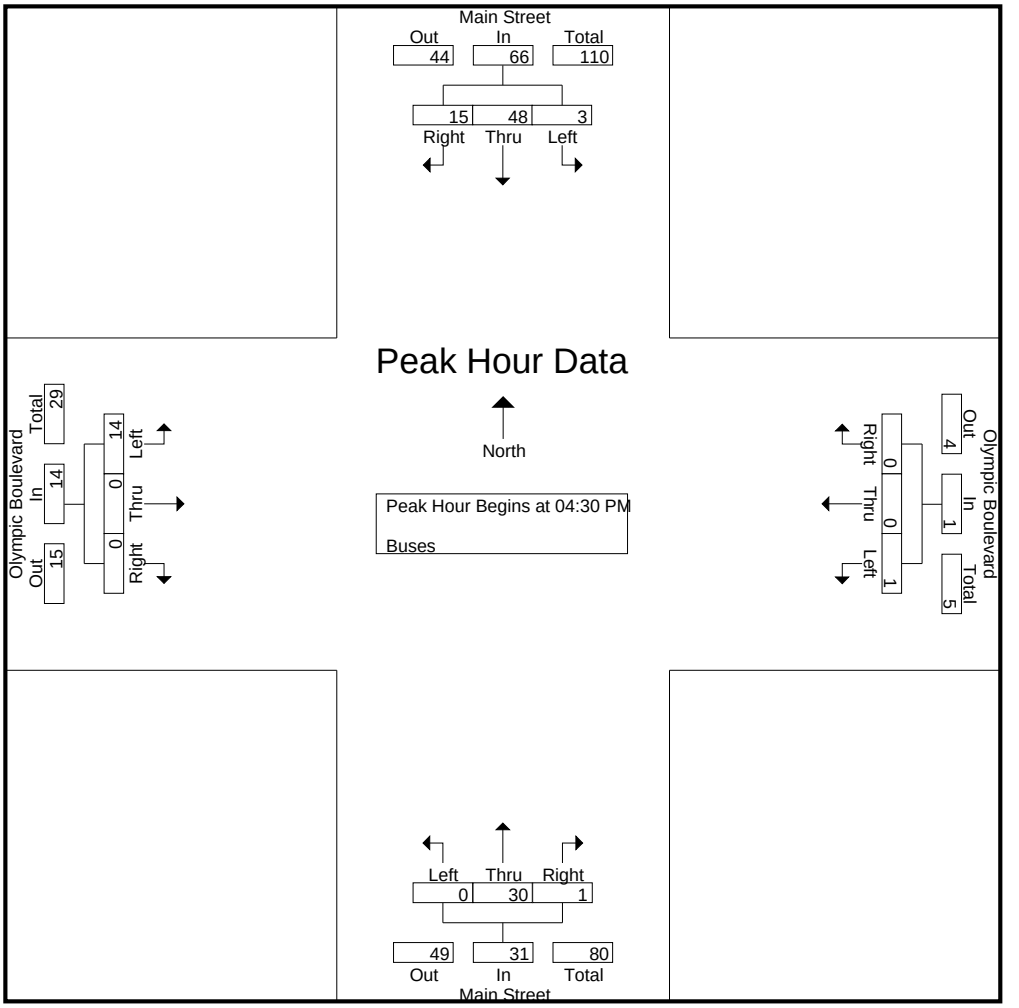
	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	2	10	4	16	0	0	0	0	0	6	1	7	3	3	1	7	30
03:15 PM	0	15	4	19	0	0	0	0	0	11	1	12	4	0	0	4	35
03:30 PM	1	12	4	17	0	0	0	0	0	5	0	5	2	3	0	5	27
03:45 PM	1	13	3	17	0	0	0	0	0	6	0	6	6	1	0	7	30
Total	4	50	15	69	0	0	0	0	0	28	2	30	15	7	1	23	122
04:00 PM	0	12	4	16	0	0	0	0	0	7	0	7	3	0	0	3	26
04:15 PM	0	11	4	15	0	0	0	0	0	12	0	12	2	0	0	2	29
04:30 PM	2	14	4	20	0	0	0	0	0	6	1	7	5	0	0	5	32
04:45 PM	0	8	4	12	1	0	0	1	0	6	0	6	2	0	0	2	21
Total	2	45	16	63	1	0	0	1	0	31	1	32	12	0	0	12	108
05:00 PM	0	17	2	19	0	0	0	0	0	11	0	11	4	0	0	4	34
05:15 PM	1	9	5	15	0	0	0	0	0	7	0	7	3	0	0	3	25
05:30 PM	2	15	4	21	0	0	0	0	0	14	0	14	5	0	0	5	40
05:45 PM	0	13	5	18	0	0	0	0	0	11	0	11	1	0	0	1	30
Total	3	54	16	73	0	0	0	0	0	43	0	43	13	0	0	13	129
Grand Total	9	149	47	205	1	0	0	1	0	102	3	105	40	7	1	48	359
Apprch %	4.4	72.7	22.9		100	0	0		0	97.1	2.9		83.3	14.6	2.1		
Total %	2.5	41.5	13.1	57.1	0.3	0	0	0.3	0	28.4	0.8	29.2	11.1	1.9	0.3	13.4	

	Main Street Southbound				Olympic Boulevard Westbound				Main Street Northbound				Olympic Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	**2**	14	4	**20**	0	0	0	0	0	6	**1**	7	**5**	0	0	**5**	32
04:45 PM	0	8	4	12	**1**	0	0	**1**	0	6	0	6	2	0	0	2	21
05:00 PM	0	**17**	2	19	0	0	0	0	0	**11**	0	**11**	4	0	0	4	**34**
05:15 PM	1	9	**5**	15	0	0	0	0	0	7	0	7	3	0	0	3	25
Total Volume	3	48	15	66	1	0	0	1	0	30	1	31	14	0	0	14	112
% App. Total	4.5	72.7	22.7		100	0	0		0	96.8	3.2		100	0	0		
PHF	.375	.706	.750	.825	.250	.000	.000	.250	.000	.682	.250	.705	.700	.000	.000	.700	.824

Counts Unlimited
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(951) 268-6268

City of Los Angeles
N/S: Main Street
E/W: Olympic Boulevard
Weather: Clear

File Name : 04_LAC_Main_Olympic PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	**2**	14	4	**20**	0	0	0	0	0	6	**1**	7	**5**	0	0	**5**
+15 mins.	0	8	4	12	**1**	0	0	**1**	0	6	0	6	2	0	0	2
+30 mins.	0	**17**	2	19	0	0	0	0	0	**11**	0	**11**	4	0	0	4
+45 mins.	1	9	**5**	15	0	0	0	0	0	7	0	7	3	0	0	3
Total Volume	3	48	15	66	1	0	0	1	0	30	1	31	14	0	0	14
% App. Total	4.5	72.7	22.7		100	0	0		0	96.8	3.2		100	0	0	
PHF	.375	.706	.750	.825	.250	.000	.000	.250	.000	.682	.250	.705	.700	.000	.000	.700

City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Main Street

East/West Olympic Boulevard

Day: Wednesday **Date:** January 29, 2019 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central I/S CODE 8731

	N/B	S/B	E/B	W/B
DUAL-WHEELED	93	54	59	94
BIKES	91	108	69	46
BUSES	224	393	113	3

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	227	8.30	117	8.15	178	8.45	139	7.45
PM PK 15 MIN	265	5.00	168	5.15	167	5.15	169	5.00
AM PK HOUR	852	8.00	435	8.00	652	8.15	493	7.15
PM PK HOUR	981	4.15	634	4.30	609	4.00	596	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	65	627	61	753
8-9	64	699	89	852
9-10	57	633	93	783
3-4	57	651	89	797
4-5	61	810	80	951
5-6	46	701	59	806
TOTAL	350	4121	471	4942

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	8	245	115	368
8-9	31	217	187	435
9-10	21	239	138	398
3-4	27	311	130	468
4-5	19	352	173	544
5-6	18	440	157	615
TOTAL	124	1804	900	2828

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
1121	19	2	31	0
1287	17	1	60	1
1181	47	4	31	12
1265	58	6	56	5
1495	59	9	63	3
1421	79	7	68	4
7770	279	29	309	25

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	48	124	11	183
8-9	106	406	45	557
9-10	104	398	38	540
3-4	126	374	60	560
4-5	124	408	77	609
5-6	130	428	39	597
TOTAL	638	2138	270	3046

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	27	438	21	486
8-9	20	432	29	481
9-10	21	407	29	457
3-4	38	410	53	501
4-5	54	456	45	555
5-6	71	472	53	596
TOTAL	231	2615	230	3076

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
669	19	4	60	2
1038	21	1	80	2
997	25	3	71	9
1061	49	10	138	6
1164	41	1	53	7
1193	37	0	105	6
6122	192	19	507	32

(Rev Oct 06)

City of Los Angeles
Department of Transportation

BICYCLE COUNT SUMMARY

STREET:

North/South:	Main Street				
East/West:	Olympic Boulevard				
Day:	Wednesday	Date:	1/29/2019	Weather:	CLEAR
School Day:	Yes	District:	Central	I/S Code:	8731
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	9	1	10
8-9	1	15	0	16
9-10	2	7	2	11
3-4	2	13	2	17
4-5	0	13	0	13
5-6	6	18	0	24
TOTAL	11	75	5	91

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	2	14	2	18
8-9	1	19	0	20
9-10	1	12	1	14
3-4	1	20	5	26
4-5	0	12	5	17
5-6	1	8	4	13
TOTAL	6	85	17	108

TOTAL

N-S
28
36
25
43
30
37
199

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	13	5	18
8-9	2	17	2	21
9-10	0	5	1	6
3-4	0	4	1	5
4-5	6	5	1	12
5-6	3	4	0	7
TOTAL	11	48	10	69

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	3	0	3
8-9	0	1	0	1
9-10	0	2	0	2
3-4	0	9	3	12
4-5	2	9	0	11
5-6	2	13	2	17
TOTAL	4	37	5	46

TOTAL

E-W
21
22
8
17
23
24
115

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	10	8	3	1	22
- No helmet riders	58	72	59	34	223
- Sidewalk Riding	27	37	39	23	126
- Wrong way riding	14	30	14	10	68

NB: Northbound, **SB**: Southbound, **EB**: Eastbound, **WB**: Westbound, **I/S**: Intersection

Source: CUI

LADOT 2015 CMP

City of Los Angeles
Department of Transportation

PEDESTRIAN COUNT SUMMARY

STREET:					
North/South:	Main Street				
East/West:	Olympic Boulevard				
Day:	Wednesday	Date:	January 29, 2019	Weather:	CLEAR
School Day:	YES	District:	Central	I/S Code:	8731
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	10	2	11	10	33
7:15-7:30	4	2	12	2	20
7:30-7:45	6	10	19	5	40
7:45-8:00	11	7	20	6	44
8:00-8:15	8	6	17	7	38
8:15-8:30	20	4	20	5	49
8:30-8:45	16	7	26	8	57
8:45-9:00	17	1	19	2	39
9:00-9:15	12	15	25	3	55
9:15-9:30	14	12	17	7	50
9:30-9:45	12	18	22	9	61
9:45-10:00	5	6	16	9	36
Hours					
7 - 8	31	21	62	23	137
8 - 9	61	18	82	22	183
9 - 10	43	51	80	28	202
TOTAL	135	90	224	73	522

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	18	38	146	26	228
3:15-3:30	20	34	38	26	118
3:30-3:45	13	18	56	24	111
3:45-4:00	10	26	36	22	94
4:00-4:15	12	32	40	36	120
4:15-4:30	15	10	12	16	53
4:30-4:45	16	44	30	8	98
4:45-5:00	23	32	24	22	101
5:00-5:15	21	30	58	18	127
5:15-5:30	23	34	44	26	127
5:30-5:45	18	48	52	18	136
5:45-6:00	10	46	56	12	124
Hours					
3 - 4	61	116	276	98	551
4 - 5	66	118	106	82	372
5 - 6	72	158	210	74	514
	199	392	592	254	1437

REMARKS (6 hour total):

	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
- Wheelchair/special needs assistance	2	1	1	0	4
- Skateboard/scooter	5	15	13	7	40

N: North, **S**: South, **E**: East, **W**: West, **I/S**: Intersection

Source: LADOT 2015 CMP

Counts Unlimited
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(951) 268-6268

City of Los Angeles
N/S: Main Street
E/W: 11th Street
Weather: Clear

File Name : 05_LAC_Main_11th AM
Site Code : 16619068
Start Date : 1/29/2019

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

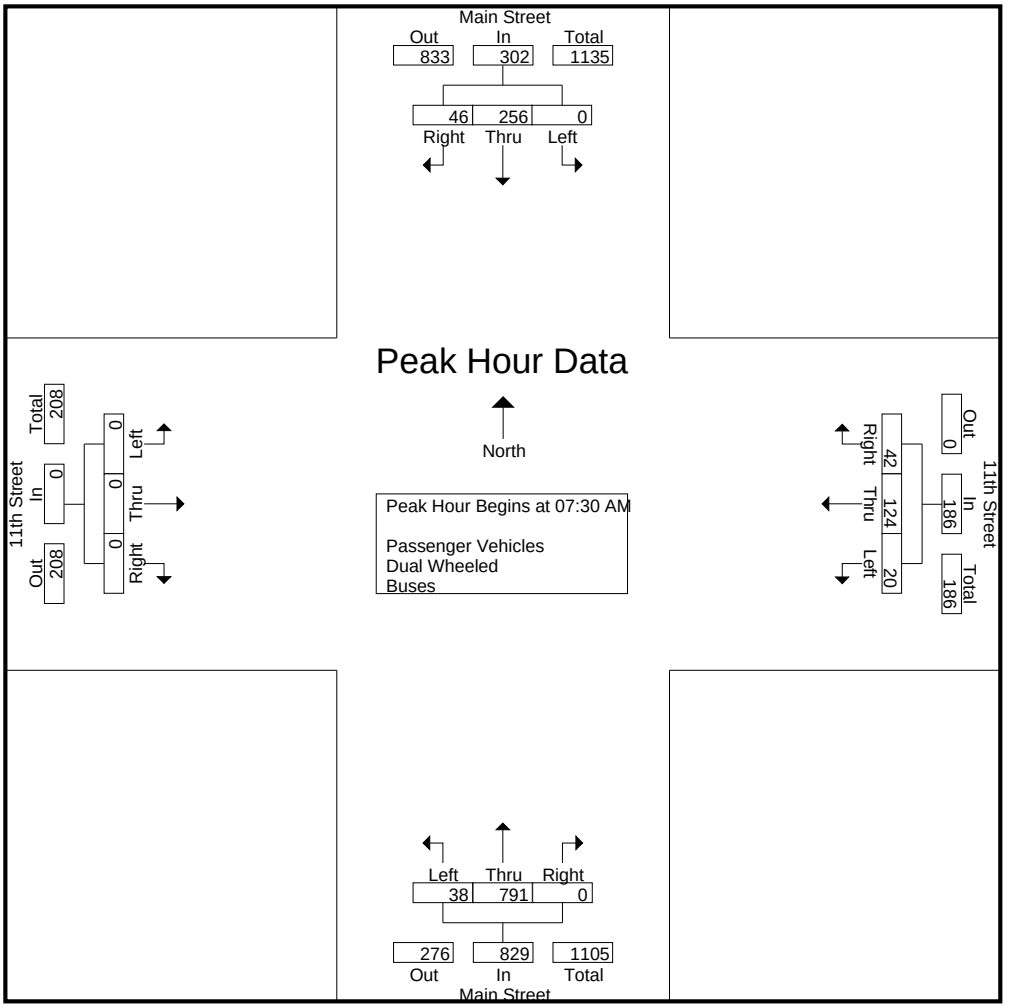
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	53	11	64	4	23	2	29	3	167	0	170	0	0	0	0	263
07:15 AM	0	53	5	58	4	20	6	30	8	187	0	195	0	0	0	0	283
07:30 AM	0	68	11	79	4	36	2	42	9	195	0	204	0	0	0	0	325
07:45 AM	0	53	15	68	7	31	18	56	9	186	0	195	0	0	0	0	319
Total	0	227	42	269	19	110	28	157	29	735	0	764	0	0	0	0	1190
08:00 AM	0	69	9	78	3	33	13	49	8	208	0	216	0	0	0	0	343
08:15 AM	0	66	11	77	6	24	9	39	12	202	0	214	0	0	0	0	330
08:30 AM	0	55	7	62	2	23	6	31	9	207	0	216	0	0	0	0	309
08:45 AM	0	59	7	66	9	26	7	42	6	207	0	213	0	0	0	0	321
Total	0	249	34	283	20	106	35	161	35	824	0	859	0	0	0	0	1303
09:00 AM	0	64	7	71	8	30	7	45	7	189	0	196	0	0	0	0	312
09:15 AM	0	62	9	71	4	29	5	38	8	196	0	204	0	0	0	0	313
09:30 AM	0	71	10	81	5	28	11	44	6	183	0	189	0	0	0	0	314
09:45 AM	0	61	14	75	12	39	7	58	12	185	0	197	0	0	0	0	330
Total	0	258	40	298	29	126	30	185	33	753	0	786	0	0	0	0	1269
Grand Total	0	734	116	850	68	342	93	503	97	2312	0	2409	0	0	0	0	3762
Apprch %	0	86.4	13.6		13.5	68	18.5		4	96	0		0	0	0		
Total %	0	19.5	3.1	22.6	1.8	9.1	2.5	13.4	2.6	61.5	0	64	0	0	0	0	
Passenger Vehicles	0	626	70	696	66	320	83	469	95	2154	0	2249	0	0	0	0	3414
% Passenger Vehicles	0	85.3	60.3	81.9	97.1	93.6	89.2	93.2	97.9	93.2	0	93.4	0	0	0	0	90.7
Dual Wheeled	0	13	7	20	2	22	4	28	1	47	0	48	0	0	0	0	96
% Dual Wheeled	0	1.8	6	2.4	2.9	6.4	4.3	5.6	1	2	0	2	0	0	0	0	2.6
Buses	0	95	39	134	0	0	6	6	1	111	0	112	0	0	0	0	252
% Buses	0	12.9	33.6	15.8	0	0	6.5	1.2	1	4.8	0	4.6	0	0	0	0	6.7

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	68	11	**79**	4	**36**	2	42	9	195	0	204	0	0	0	0	325
07:45 AM	0	53	**15**	68	**7**	31	**18**	**56**	9	186	0	195	0	0	0	0	319
08:00 AM	0	**69**	9	78	3	33	13	49	8	**208**	0	**216**	0	0	0	0	**343**
08:15 AM	0	66	11	77	6	24	9	39	**12**	202	0	214	0	0	0	0	330
Total Volume	0	256	46	302	20	124	42	186	38	791	0	829	0	0	0	0	1317
% App. Total	0	84.8	15.2		10.8	66.7	22.6		4.6	95.4	0		0	0	0		
PHF	.000	.928	.767	.956	.714	.861	.583	.830	.792	.951	.000	.959	.000	.000	.000	.000	.960

Counts Unlimited
PO Box 1178
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City of Los Angeles
N/S: Main Street
E/W: 11th Street
Weather: Clear

File Name : 05_LAC_Main_11th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				08:00 AM				07:00 AM			
+0 mins.	0	68	11	**79**	4	**36**	2	42	8	**208**	0	**216**	0	0	0	0
+15 mins.	0	53	**15**	68	**7**	31	**18**	**56**	**12**	202	0	214	0	0	0	0
+30 mins.	0	**69**	9	78	3	33	13	49	9	207	0	216	0	0	0	0
+45 mins.	0	66	11	77	6	24	9	39	6	207	0	213	0	0	0	0
Total Volume	0	256	46	302	20	124	42	186	35	824	0	859	0	0	0	0
% App. Total	0	84.8	15.2		10.8	66.7	22.6		4.1	95.9	0		0	0	0	
PHF	.000	.928	.767	.956	.714	.861	.583	.830	.729	.990	.000	.994	.000	.000	.000	.000

Counts Unlimited
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City of Los Angeles
N/S: Main Street
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File Name : 05_LAC_Main_11th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Passenger Vehicles

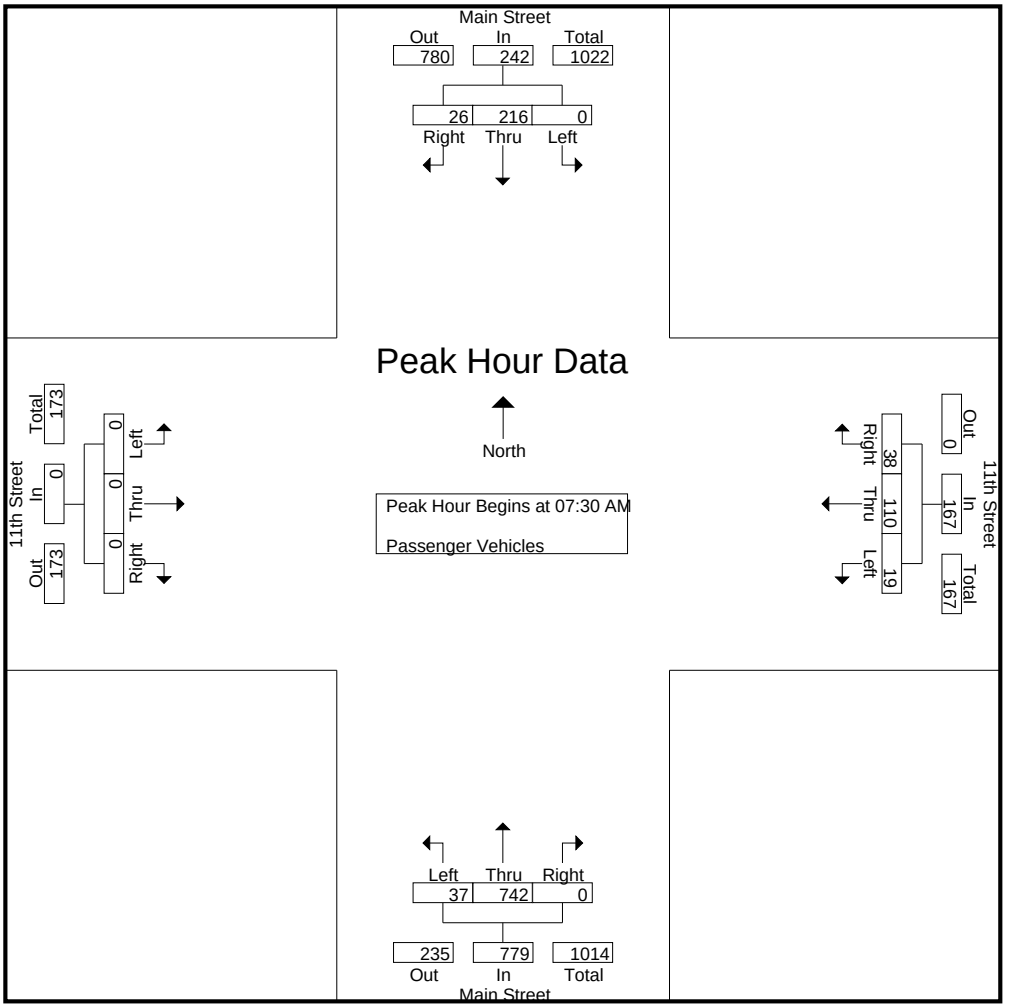
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	45	6	51	4	22	2	28	3	157	0	160	0	0	0	0	239
07:15 AM	0	43	2	45	4	20	5	29	8	179	0	187	0	0	0	0	261
07:30 AM	0	58	7	65	4	33	2	39	9	183	0	192	0	0	0	0	296
07:45 AM	0	44	10	54	7	28	17	52	9	173	0	182	0	0	0	0	288
Total	0	190	25	215	19	103	26	148	29	692	0	721	0	0	0	0	1084
08:00 AM	0	59	4	63	3	29	12	44	7	196	0	203	0	0	0	0	310
08:15 AM	0	55	5	60	5	20	7	32	12	190	0	202	0	0	0	0	294
08:30 AM	0	49	6	55	2	22	6	30	8	186	0	194	0	0	0	0	279
08:45 AM	0	48	5	53	9	26	5	40	6	193	0	199	0	0	0	0	292
Total	0	211	20	231	19	97	30	146	33	765	0	798	0	0	0	0	1175
09:00 AM	0	58	3	61	7	29	6	42	7	170	0	177	0	0	0	0	280
09:15 AM	0	50	5	55	4	27	5	36	8	185	0	193	0	0	0	0	284
09:30 AM	0	65	7	72	5	28	9	42	6	172	0	178	0	0	0	0	292
09:45 AM	0	52	10	62	12	36	7	55	12	170	0	182	0	0	0	0	299
Total	0	225	25	250	28	120	27	175	33	697	0	730	0	0	0	0	1155
Grand Total	0	626	70	696	66	320	83	469	95	2154	0	2249	0	0	0	0	3414
Apprch %	0	89.9	10.1		14.1	68.2	17.7		4.2	95.8	0		0	0	0		
Total %	0	18.3	2.1	20.4	1.9	9.4	2.4	13.7	2.8	63.1	0	65.9	0	0	0	0	

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	58	7	**65**	4	**33**	2	39	9	183	0	192	0	0	0	0	296
07:45 AM	0	44	**10**	54	**7**	28	**17**	**52**	9	173	0	182	0	0	0	0	288
08:00 AM	0	**59**	4	63	3	29	12	44	7	**196**	0	**203**	0	0	0	0	**310**
08:15 AM	0	55	5	60	5	20	7	32	**12**	190	0	202	0	0	0	0	294
Total Volume	0	216	26	242	19	110	38	167	37	742	0	779	0	0	0	0	1188
% App. Total	0	89.3	10.7		11.4	65.9	22.8		4.7	95.3	0		0	0	0		
PHF	.000	.915	.650	.931	.679	.833	.559	.803	.771	.946	.000	.959	.000	.000	.000	.000	.958

Counts Unlimited
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City of Los Angeles
N/S: Main Street
E/W: 11th Street
Weather: Clear

File Name : 05_LAC_Main_11th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	58	7	**65**	4	**33**	2	39	9	183	0	192	0	0	0	0
+15 mins.	0	44	**10**	54	**7**	28	**17**	**52**	9	173	0	182	0	0	0	0
+30 mins.	0	**59**	4	63	3	29	12	44	7	**196**	0	**203**	0	0	0	0
+45 mins.	0	55	5	60	5	20	7	32	**12**	190	0	202	0	0	0	0
Total Volume	0	216	26	242	19	110	38	167	37	742	0	779	0	0	0	0
% App. Total	0	89.3	10.7		11.4	65.9	22.8		4.7	95.3	0		0	0	0	
PHF	.000	.915	.650	.931	.679	.833	.559	.803	.771	.946	.000	.959	.000	.000	.000	.000

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City of Los Angeles
N/S: Main Street
E/W: 11th Street
Weather: Clear

File Name : 05_LAC_Main_11th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Dual Wheeled

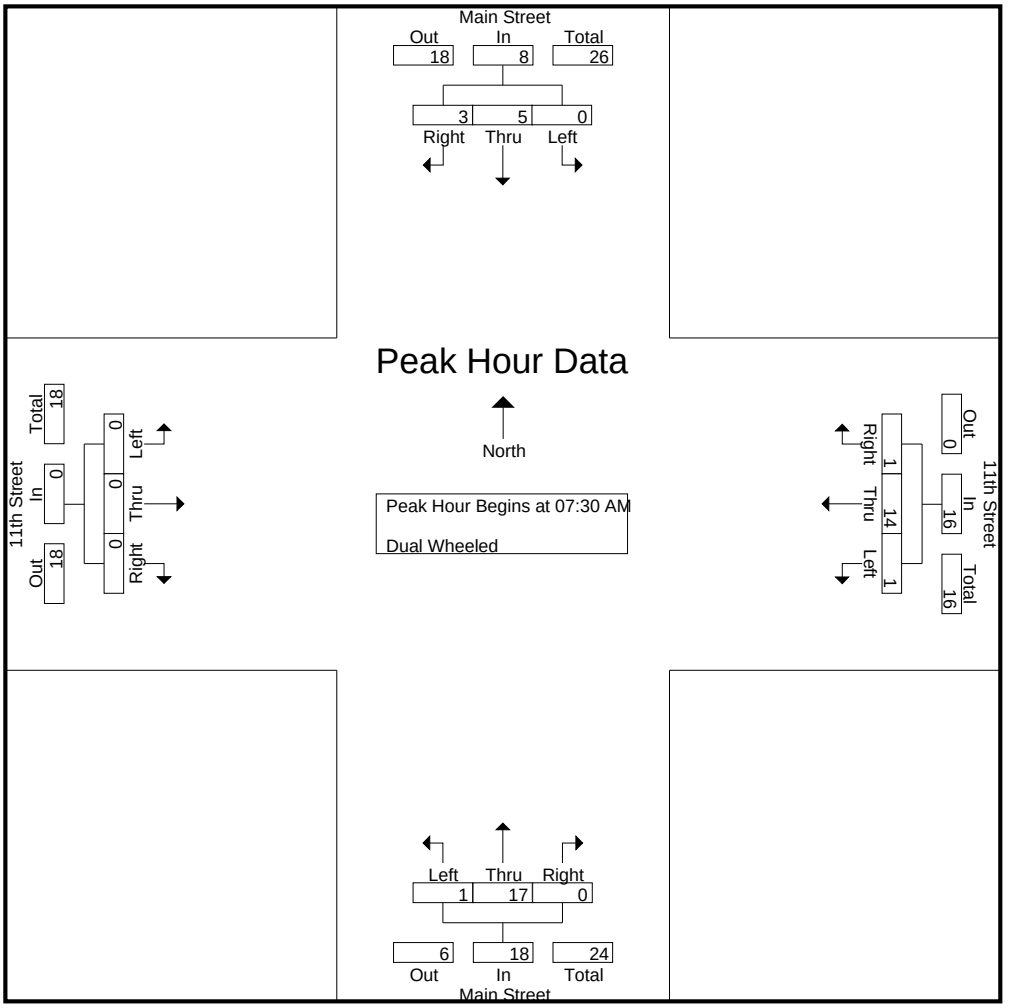
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	1	1	0	1	0	1	0	2	0	2	0	0	0	0	4
07:15 AM	0	1	0	1	0	0	0	0	0	4	0	4	0	0	0	0	5
07:30 AM	0	2	0	2	0	3	0	3	0	6	0	6	0	0	0	0	11
07:45 AM	0	0	2	2	0	3	0	3	0	4	0	4	0	0	0	0	9
Total	0	3	3	6	0	7	0	7	0	16	0	16	0	0	0	0	29
08:00 AM	0	0	0	0	0	4	0	4	1	5	0	6	0	0	0	0	10
08:15 AM	0	3	1	4	1	4	1	6	0	2	0	2	0	0	0	0	12
08:30 AM	0	0	0	0	0	1	0	1	0	5	0	5	0	0	0	0	6
08:45 AM	0	1	0	1	0	0	1	1	0	4	0	4	0	0	0	0	6
Total	0	4	1	5	1	9	2	12	1	16	0	17	0	0	0	0	34
09:00 AM	0	1	0	1	1	1	1	3	0	6	0	6	0	0	0	0	10
09:15 AM	0	2	1	3	0	2	0	2	0	1	0	1	0	0	0	0	6
09:30 AM	0	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0	3
09:45 AM	0	2	1	3	0	3	0	3	0	8	0	8	0	0	0	0	14
Total	0	6	3	9	1	6	2	9	0	15	0	15	0	0	0	0	33
Grand Total	0	13	7	20	2	22	4	28	1	47	0	48	0	0	0	0	96
Apprch %	0	65	35		7.1	78.6	14.3		2.1	97.9	0		0	0	0		
Total %	0	13.5	7.3	20.8	2.1	22.9	4.2	29.2	1	49	0	50	0	0	0	0	

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	2	0	2	0	3	0	3	0	**6**	0	**6**	0	0	0	0	11
07:45 AM	0	0	**2**	2	0	3	0	3	0	4	0	4	0	0	0	0	9
08:00 AM	0	0	0	0	0	**4**	0	4	**1**	5	0	6	0	0	0	0	10
08:15 AM	0	**3**	1	**4**	**1**	4	**1**	**6**	0	2	0	2	0	0	0	0	**12**
Total Volume	0	5	3	8	1	14	1	16	1	17	0	18	0	0	0	0	42
% App. Total	0	62.5	37.5		6.2	87.5	6.2		5.6	94.4	0		0	0	0		
PHF	.000	.417	.375	.500	.250	.875	.250	.667	.250	.708	.000	.750	.000	.000	.000	.000	.875

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Site Code : 16619068
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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	2	0	2	0	3	0	3	0	**6**	0	**6**	0	0	0	0
+15 mins.	0	0	**2**	2	0	3	0	3	0	4	0	4	0	0	0	0
+30 mins.	0	0	0	0	0	**4**	0	4	**1**	5	0	6	0	0	0	0
+45 mins.	0	**3**	1	**4**	**1**	4	**1**	**6**	0	2	0	2	0	0	0	0
Total Volume	0	5	3	8	1	14	1	16	1	17	0	18	0	0	0	0
% App. Total	0	62.5	37.5		6.2	87.5	6.2		5.6	94.4	0		0	0	0	
PHF	.000	.417	.375	.500	.250	.875	.250	.667	.250	.708	.000	.750	.000	.000	.000	.000

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Groups Printed- Buses

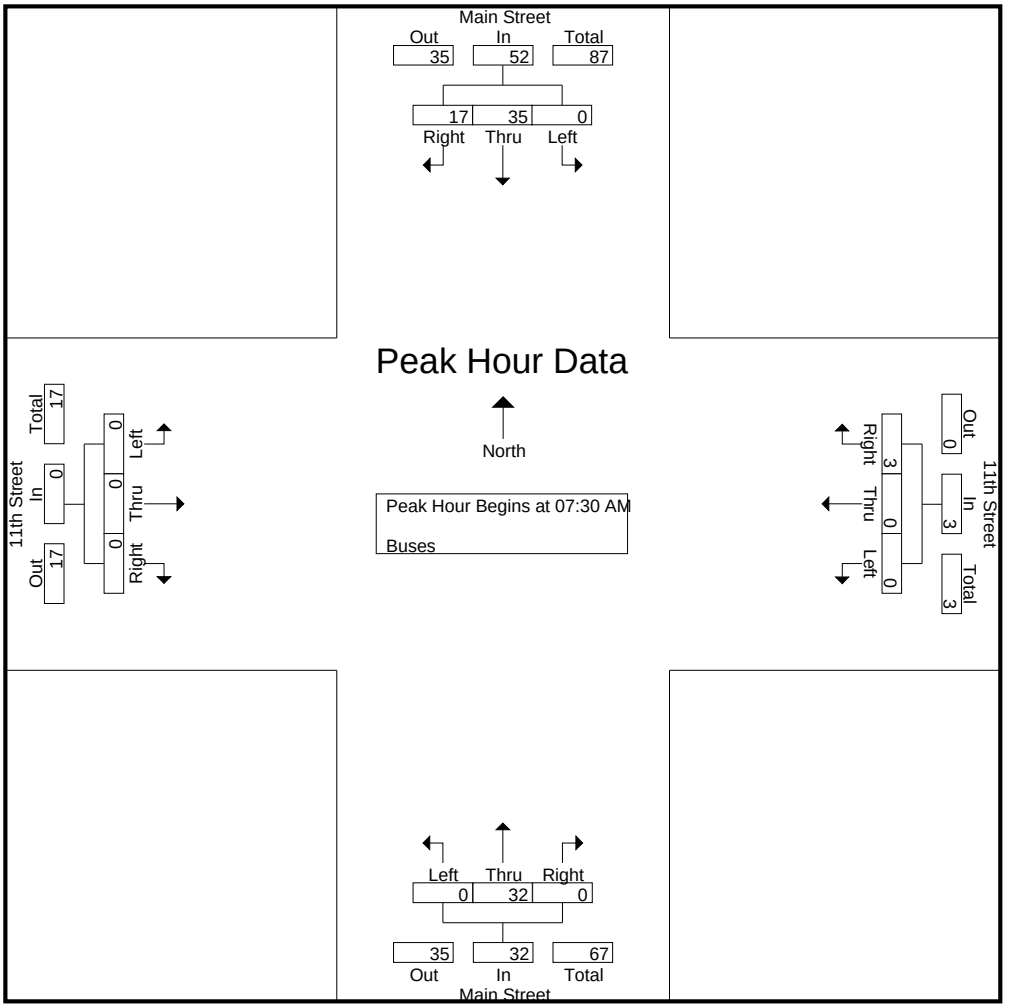
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	8	4	12	0	0	0	0	0	8	0	8	0	0	0	0	20
07:15 AM	0	9	3	12	0	0	1	1	0	4	0	4	0	0	0	0	17
07:30 AM	0	8	4	12	0	0	0	0	0	6	0	6	0	0	0	0	18
07:45 AM	0	9	3	12	0	0	1	1	0	9	0	9	0	0	0	0	22
Total	0	34	14	48	0	0	2	2	0	27	0	27	0	0	0	0	77
08:00 AM	0	10	5	15	0	0	1	1	0	7	0	7	0	0	0	0	23
08:15 AM	0	8	5	13	0	0	1	1	0	10	0	10	0	0	0	0	24
08:30 AM	0	6	1	7	0	0	0	0	1	16	0	17	0	0	0	0	24
08:45 AM	0	10	2	12	0	0	1	1	0	10	0	10	0	0	0	0	23
Total	0	34	13	47	0	0	3	3	1	43	0	44	0	0	0	0	94
09:00 AM	0	5	4	9	0	0	0	0	0	13	0	13	0	0	0	0	22
09:15 AM	0	10	3	13	0	0	0	0	0	10	0	10	0	0	0	0	23
09:30 AM	0	5	2	7	0	0	1	1	0	11	0	11	0	0	0	0	19
09:45 AM	0	7	3	10	0	0	0	0	0	7	0	7	0	0	0	0	17
Total	0	27	12	39	0	0	1	1	0	41	0	41	0	0	0	0	81
Grand Total	0	95	39	134	0	0	6	6	1	111	0	112	0	0	0	0	252
Apprch %	0	70.9	29.1		0	0	100		0.9	99.1	0		0	0	0		
Total %	0	37.7	15.5	53.2	0	0	2.4	2.4	0.4	44	0	44.4	0	0	0	0	

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	8	4	12	0	0	0	0	0	6	0	6	0	0	0	0	18
07:45 AM	0	9	3	12	0	0	**1**	**1**	0	9	0	9	0	0	0	0	22
08:00 AM	0	**10**	**5**	**15**	0	0	1	1	0	7	0	7	0	0	0	0	23
08:15 AM	0	8	5	13	0	0	1	1	0	**10**	0	**10**	0	0	0	0	**24**
Total Volume	0	35	17	52	0	0	3	3	0	32	0	32	0	0	0	0	87
% App. Total	0	67.3	32.7		0	0	100		0	100	0		0	0	0		
PHF	.000	.875	.850	.867	.000	.000	.750	.750	.000	.800	.000	.800	.000	.000	.000	.000	.906

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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	8	4	12	0	0	0	0	0	6	0	6	0	0	0	0
+15 mins.	0	9	3	12	0	0	**1**	**1**	0	9	0	9	0	0	0	0
+30 mins.	0	**10**	**5**	**15**	0	0	1	1	0	7	0	7	0	0	0	0
+45 mins.	0	8	5	13	0	0	1	1	0	**10**	0	**10**	0	0	0	0
Total Volume	0	35	17	52	0	0	3	3	0	32	0	32	0	0	0	0
% App. Total	0	67.3	32.7		0	0	100		0	100	0		0	0	0	
PHF	.000	.875	.850	.867	.000	.000	.750	.750	.000	.800	.000	.800	.000	.000	.000	.000

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Site Code : 16619068
Start Date : 1/29/2019

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

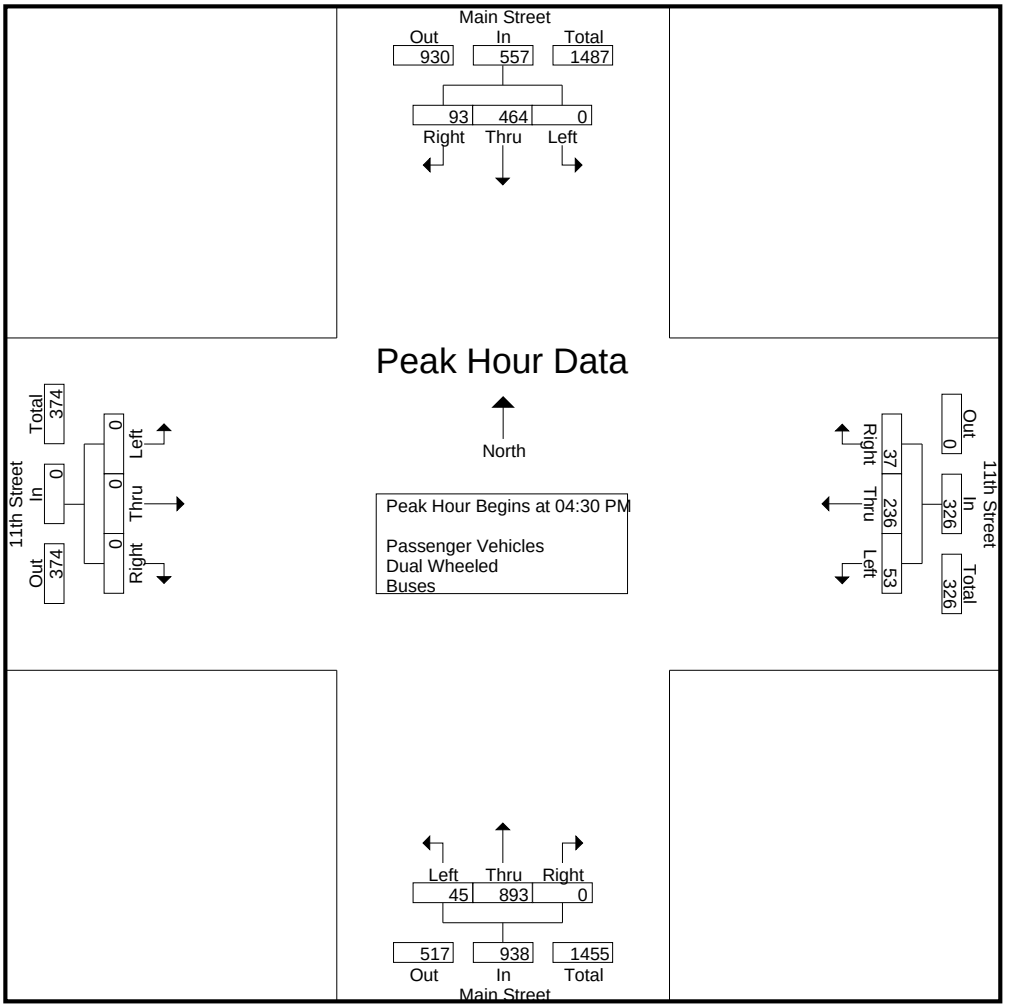
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	107	12	119	17	28	12	57	7	156	0	163	0	0	0	0	339
03:15 PM	0	97	11	108	15	23	16	54	8	165	0	173	0	0	0	0	335
03:30 PM	0	86	10	96	12	35	15	62	9	223	0	232	0	0	0	0	390
03:45 PM	0	95	10	105	7	27	8	42	12	191	0	203	0	0	0	0	350
Total	0	385	43	428	51	113	51	215	36	735	0	771	0	0	0	0	1414
04:00 PM	0	110	6	116	9	43	11	63	10	223	0	233	0	0	0	0	412
04:15 PM	0	78	12	90	11	38	7	56	11	215	0	226	0	0	0	0	372
04:30 PM	0	117	19	136	11	44	12	67	4	228	0	232	0	0	0	0	435
04:45 PM	0	114	28	142	14	45	13	72	12	236	0	248	0	0	0	0	462
Total	0	419	65	484	45	170	43	258	37	902	0	939	0	0	0	0	1681
05:00 PM	0	103	27	130	13	66	9	88	15	244	0	259	0	0	0	0	477
05:15 PM	0	130	19	149	15	81	3	99	14	185	0	199	0	0	0	0	447
05:30 PM	0	112	19	131	14	91	8	113	13	152	0	165	0	0	0	0	409
05:45 PM	0	122	32	154	9	82	9	100	9	167	0	176	0	0	0	0	430
Total	0	467	97	564	51	320	29	400	51	748	0	799	0	0	0	0	1763
Grand Total	0	1271	205	1476	147	603	123	873	124	2385	0	2509	0	0	0	0	4858
Apprch %	0	86.1	13.9		16.8	69.1	14.1		4.9	95.1	0		0	0	0		
Total %	0	26.2	4.2	30.4	3	12.4	2.5	18	2.6	49.1	0	51.6	0	0	0	0	
Passenger Vehicles	0	1143	159	1302	141	582	113	836	121	2253	0	2374	0	0	0	0	4512
% Passenger Vehicles	0	89.9	77.6	88.2	95.9	96.5	91.9	95.8	97.6	94.5	0	94.6	0	0	0	0	92.9
Dual Wheeled	0	25	0	25	6	21	1	28	2	40	0	42	0	0	0	0	95
% Dual Wheeled	0	2	0	1.7	4.1	3.5	0.8	3.2	1.6	1.7	0	1.7	0	0	0	0	2
Buses	0	103	46	149	0	0	9	9	1	92	0	93	0	0	0	0	251
% Buses	0	8.1	22.4	10.1	0	0	7.3	1	0.8	3.9	0	3.7	0	0	0	0	5.2

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	117	19	136	11	44	12	67	4	228	0	232	0	0	0	0	435
04:45 PM	0	114	**28**	142	14	45	**13**	72	12	236	0	248	0	0	0	0	462
05:00 PM	0	103	27	130	13	66	9	88	**15**	**244**	0	**259**	0	0	0	0	**477**
05:15 PM	0	**130**	19	**149**	**15**	**81**	3	**99**	14	185	0	199	0	0	0	0	447
Total Volume	0	464	93	557	53	236	37	326	45	893	0	938	0	0	0	0	1821
% App. Total	0	83.3	16.7		16.3	72.4	11.3		4.8	95.2	0		0	0	0		
PHF	.000	.892	.830	.935	.883	.728	.712	.823	.750	.915	.000	.905	.000	.000	.000	.000	.954

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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				04:15 PM				03:00 PM			
+0 mins.	0	103	27	130	13	66	**9**	88	11	215	0	226	0	0	0	0
+15 mins.	0	**130**	19	149	**15**	81	3	99	4	228	0	232	0	0	0	0
+30 mins.	0	112	19	131	14	**91**	8	**113**	12	236	0	248	0	0	0	0
+45 mins.	0	122	**32**	**154**	9	82	9	100	**15**	**244**	0	**259**	0	0	0	0
Total Volume	0	467	97	564	51	320	29	400	42	923	0	965	0	0	0	0
% App. Total	0	82.8	17.2		12.8	80	7.2		4.4	95.6	0		0	0	0	
PHF	.000	.898	.758	.916	.850	.879	.806	.885	.700	.946	.000	.931	.000	.000	.000	.000

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Site Code : 16619068
Start Date : 1/29/2019

Groups Printed- Passenger Vehicles

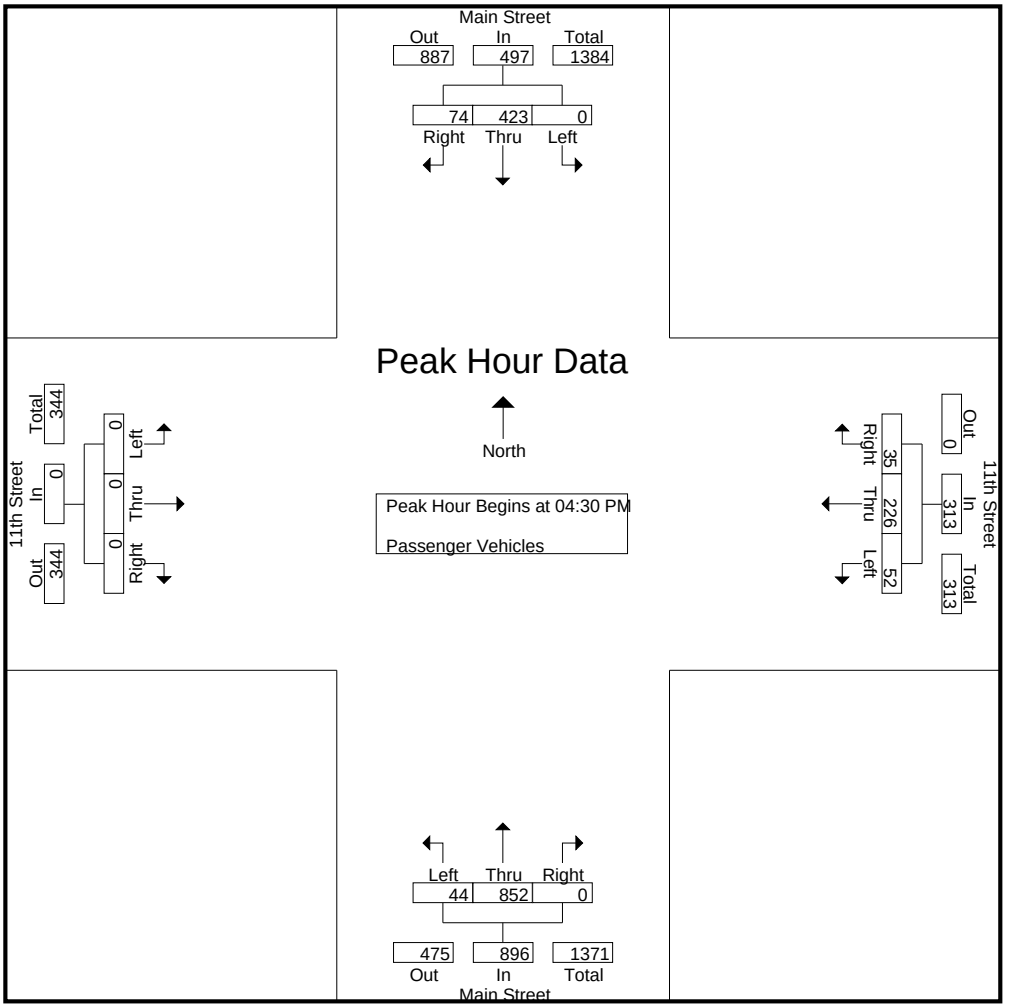
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	96	10	106	17	27	10	54	7	148	0	155	0	0	0	0	315
03:15 PM	0	82	6	88	13	23	15	51	8	148	0	156	0	0	0	0	295
03:30 PM	0	74	7	81	12	33	14	59	9	217	0	226	0	0	0	0	366
03:45 PM	0	85	6	91	6	24	7	37	11	181	0	192	0	0	0	0	320
Total	0	337	29	366	48	107	46	201	35	694	0	729	0	0	0	0	1296
04:00 PM	0	100	4	104	8	41	10	59	10	210	0	220	0	0	0	0	383
04:15 PM	0	71	9	80	11	36	7	54	11	203	0	214	0	0	0	0	348
04:30 PM	0	106	14	120	11	43	10	64	4	219	0	223	0	0	0	0	407
04:45 PM	0	104	24	128	13	43	13	69	12	226	0	238	0	0	0	0	435
Total	0	381	51	432	43	163	40	246	37	858	0	895	0	0	0	0	1573
05:00 PM	0	92	20	112	13	63	9	85	15	234	0	249	0	0	0	0	446
05:15 PM	0	121	16	137	15	77	3	95	13	173	0	186	0	0	0	0	418
05:30 PM	0	100	16	116	14	91	6	111	12	139	0	151	0	0	0	0	378
05:45 PM	0	112	27	139	8	81	9	98	9	155	0	164	0	0	0	0	401
Total	0	425	79	504	50	312	27	389	49	701	0	750	0	0	0	0	1643
Grand Total	0	1143	159	1302	141	582	113	836	121	2253	0	2374	0	0	0	0	4512
Apprch %	0	87.8	12.2		16.9	69.6	13.5		5.1	94.9	0		0	0	0		
Total %	0	25.3	3.5	28.9	3.1	12.9	2.5	18.5	2.7	49.9	0	52.6	0	0	0	0	

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	106	14	120	11	43	10	64	4	219	0	223	0	0	0	0	407
04:45 PM	0	104	**24**	128	13	43	**13**	69	12	226	0	238	0	0	0	0	435
05:00 PM	0	92	20	112	13	63	9	85	**15**	**234**	0	**249**	0	0	0	0	**446**
05:15 PM	0	**121**	16	**137**	**15**	**77**	3	**95**	13	173	0	186	0	0	0	0	418
Total Volume	0	423	74	497	52	226	35	313	44	852	0	896	0	0	0	0	1706
% App. Total	0	85.1	14.9		16.6	72.2	11.2		4.9	95.1	0		0	0	0		
PHF	.000	.874	.771	.907	.867	.734	.673	.824	.733	.910	.000	.900	.000	.000	.000	.000	.956

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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	106	14	120	11	43	10	64	4	219	0	223	0	0	0	0
+15 mins.	0	104	**24**	128	13	43	**13**	69	12	226	0	238	0	0	0	0
+30 mins.	0	92	20	112	13	63	9	85	**15**	**234**	0	**249**	0	0	0	0
+45 mins.	0	**121**	16	**137**	**15**	**77**	3	**95**	13	173	0	186	0	0	0	0
Total Volume	0	423	74	497	52	226	35	313	44	852	0	896	0	0	0	0
% App. Total	0	85.1	14.9		16.6	72.2	11.2		4.9	95.1	0		0	0	0	
PHF	.000	.874	.771	.907	.867	.734	.673	.824	.733	.910	.000	.900	.000	.000	.000	.000

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Groups Printed- Dual Wheeled

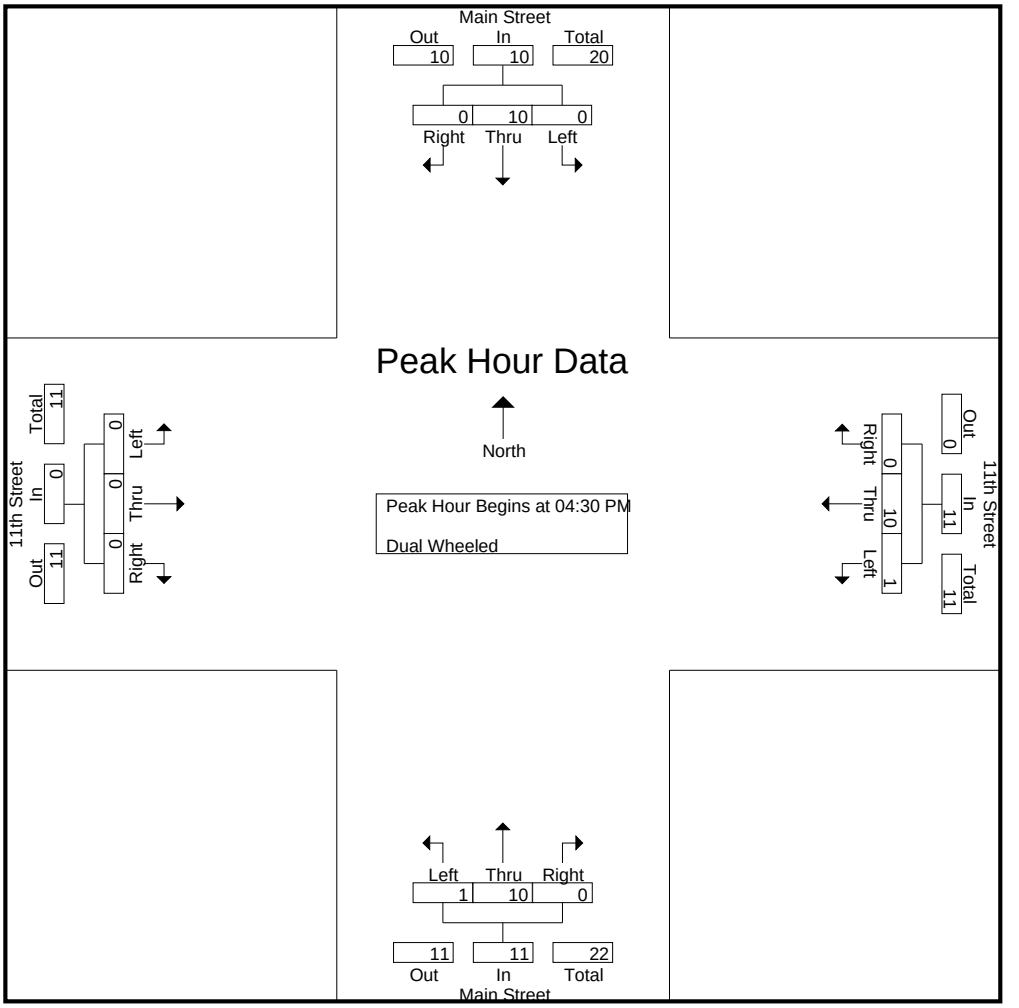
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	2	0	2	0	1	0	1	0	4	0	4	0	0	0	0	7
03:15 PM	0	6	0	6	2	0	0	2	0	6	0	6	0	0	0	0	14
03:30 PM	0	2	0	2	0	2	1	3	0	2	0	2	0	0	0	0	7
03:45 PM	0	1	0	1	1	3	0	4	0	5	0	5	0	0	0	0	10
Total	0	11	0	11	3	6	1	10	0	17	0	17	0	0	0	0	38
04:00 PM	0	0	0	0	1	2	0	3	0	5	0	5	0	0	0	0	8
04:15 PM	0	0	0	0	0	2	0	2	0	3	0	3	0	0	0	0	5
04:30 PM	0	2	0	2	0	1	0	1	0	2	0	2	0	0	0	0	5
04:45 PM	0	5	0	5	1	2	0	3	0	4	0	4	0	0	0	0	12
Total	0	7	0	7	2	7	0	9	0	14	0	14	0	0	0	0	30
05:00 PM	0	1	0	1	0	3	0	3	0	1	0	1	0	0	0	0	5
05:15 PM	0	2	0	2	0	4	0	4	1	3	0	4	0	0	0	0	10
05:30 PM	0	1	0	1	0	0	0	0	1	1	0	2	0	0	0	0	3
05:45 PM	0	3	0	3	1	1	0	2	0	4	0	4	0	0	0	0	9
Total	0	7	0	7	1	8	0	9	2	9	0	11	0	0	0	0	27
Grand Total	0	25	0	25	6	21	1	28	2	40	0	42	0	0	0	0	95
Apprch %	0	100	0		21.4	75	3.6		4.8	95.2	0		0	0	0		
Total %	0	26.3	0	26.3	6.3	22.1	1.1	29.5	2.1	42.1	0	44.2	0	0	0	0	

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	2	0	2	0	1	0	1	0	2	0	2	0	0	0	0	5
04:45 PM	0	**5**	0	**5**	**1**	2	0	3	0	**4**	0	**4**	0	0	0	0	**12**
05:00 PM	0	1	0	1	0	3	0	3	0	1	0	1	0	0	0	0	5
05:15 PM	0	2	0	2	0	**4**	0	**4**	**1**	3	0	4	0	0	0	0	10
Total Volume	0	10	0	10	1	10	0	11	1	10	0	11	0	0	0	0	32
% App. Total	0	100	0		9.1	90.9	0		9.1	90.9	0		0	0	0		
PHF	.000	.500	.000	.500	.250	.625	.000	.688	.250	.625	.000	.688	.000	.000	.000	.000	.667

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Los Angeles
N/S: Main Street
E/W: 11th Street
Weather: Clear

File Name : 05_LAC_Main_11th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	2	0	2	0	1	0	1	0	2	0	2	0	0	0	0
+15 mins.	0	**5**	0	**5**	**1**	2	0	3	0	**4**	0	**4**	0	0	0	0
+30 mins.	0	1	0	1	0	3	0	3	0	1	0	1	0	0	0	0
+45 mins.	0	2	0	2	0	**4**	0	**4**	**1**	3	0	4	0	0	0	0
Total Volume	0	10	0	10	1	10	0	11	1	10	0	11	0	0	0	0
% App. Total	0	100	0		9.1	90.9	0		9.1	90.9	0		0	0	0	
PHF	.000	.500	.000	.500	.250	.625	.000	.688	.250	.625	.000	.688	.000	.000	.000	.000

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City of Los Angeles
N/S: Main Street
E/W: 11th Street
Weather: Clear

File Name : 05_LAC_Main_11th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Buses

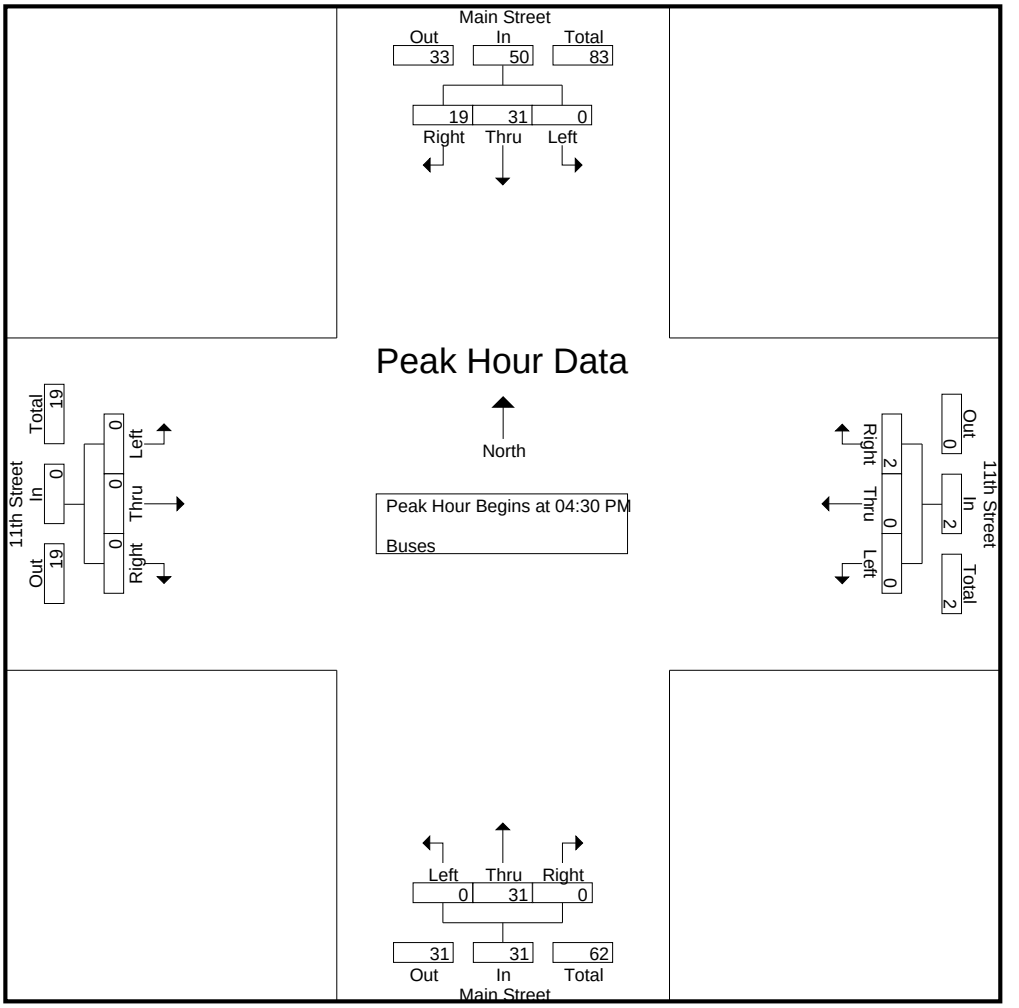
	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	9	2	11	0	0	2	2	0	4	0	4	0	0	0	0	17
03:15 PM	0	9	5	14	0	0	1	1	0	11	0	11	0	0	0	0	26
03:30 PM	0	10	3	13	0	0	0	0	0	4	0	4	0	0	0	0	17
03:45 PM	0	9	4	13	0	0	1	1	1	5	0	6	0	0	0	0	20
Total	0	37	14	51	0	0	4	4	1	24	0	25	0	0	0	0	80
04:00 PM	0	10	2	12	0	0	1	1	0	8	0	8	0	0	0	0	21
04:15 PM	0	7	3	10	0	0	0	0	0	9	0	9	0	0	0	0	19
04:30 PM	0	9	5	14	0	0	2	2	0	7	0	7	0	0	0	0	23
04:45 PM	0	5	4	9	0	0	0	0	0	6	0	6	0	0	0	0	15
Total	0	31	14	45	0	0	3	3	0	30	0	30	0	0	0	0	78
05:00 PM	0	10	7	17	0	0	0	0	0	9	0	9	0	0	0	0	26
05:15 PM	0	7	3	10	0	0	0	0	0	9	0	9	0	0	0	0	19
05:30 PM	0	11	3	14	0	0	2	2	0	12	0	12	0	0	0	0	28
05:45 PM	0	7	5	12	0	0	0	0	0	8	0	8	0	0	0	0	20
Total	0	35	18	53	0	0	2	2	0	38	0	38	0	0	0	0	93
Grand Total	0	103	46	149	0	0	9	9	1	92	0	93	0	0	0	0	251
Apprch %	0	69.1	30.9		0	0	100		1.1	98.9	0		0	0	0		
Total %	0	41	18.3	59.4	0	0	3.6	3.6	0.4	36.7	0	37.1	0	0	0	0	

	Main Street Southbound				11th Street Westbound				Main Street Northbound				11th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	9	5	14	0	0	**2**	**2**	0	7	0	7	0	0	0	0	23
04:45 PM	0	5	4	9	0	0	0	0	0	6	0	6	0	0	0	0	15
05:00 PM	0	**10**	**7**	**17**	0	0	0	0	0	**9**	0	**9**	0	0	0	0	**26**
05:15 PM	0	7	3	10	0	0	0	0	0	9	0	9	0	0	0	0	19
Total Volume	0	31	19	50	0	0	2	2	0	31	0	31	0	0	0	0	83
% App. Total	0	62	38		0	0	100		0	100	0		0	0	0		
PHF	.000	.775	.679	.735	.000	.000	.250	.250	.000	.861	.000	.861	.000	.000	.000	.000	.798

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City of Los Angeles
N/S: Main Street
E/W: 11th Street
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File Name : 05_LAC_Main_11th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	9	5	14	0	0	**2**	**2**	0	7	0	7	0	0	0	0
+15 mins.	0	5	4	9	0	0	0	0	0	6	0	6	0	0	0	0
+30 mins.	0	**10**	**7**	**17**	0	0	0	0	0	**9**	0	**9**	0	0	0	0
+45 mins.	0	7	3	10	0	0	0	0	0	9	0	9	0	0	0	0
Total Volume	0	31	19	50	0	0	2	2	0	31	0	31	0	0	0	0
% App. Total	0	62	38		0	0	100		0	100	0		0	0	0	
PHF	.000	.775	.679	.735	.000	.000	.250	.250	.000	.861	.000	.861	.000	.000	.000	.000

City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Main Street

East/West 11th Street

Day: Wednesday **Date:** January 29, 2019 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central I/S CODE 8895

	N/B	S/B	E/B	W/B
DUAL-WHEELED	90	45	0	56
BIKES	90	114	26	69
BUSES	205	283	0	15

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	216	8.00	81	9.30	0	7.00	58	9.45
PM PK 15 MIN	259	5.00	154	5.45	0	3.00	113	5.30
AM PK HOUR	859	8.00	302	7.30	0	7.00	186	7.30
PM PK HOUR	965	4.15	564	5.00	0	3.00	400	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	29	735	0	764
8-9	35	824	0	859
9-10	33	753	0	786
3-4	36	735	0	771
4-5	37	902	0	939
5-6	51	748	0	799
TOTAL	221	4697	0	4918

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	227	42	269
8-9	0	249	34	283
9-10	0	258	40	298
3-4	0	385	43	428
4-5	0	419	65	484
5-6	0	467	97	564
TOTAL	0	2005	321	2326

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
1033	18	4	14	4
1142	27	8	22	8
1084	15	10	25	4
1199	24	17	23	13
1423	35	12	35	17
1363	46	19	43	15
7244	165	70	162	61

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	19	110	28	157
8-9	20	106	35	161
9-10	29	126	30	185
3-4	51	113	51	215
4-5	45	170	43	258
5-6	51	320	29	400
TOTAL	215	945	216	1376

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
157	13	8	20	7
161	17	4	18	4
185	12	6	39	10
215	21	6	45	15
258	25	9	36	8
400	33	15	44	21
1376	121	48	202	65

(Rev Oct 06)

City of Los Angeles
Department of Transportation

BICYCLE COUNT SUMMARY

STREET:

North/South:	Main Street				
East/West:	11th Street				
Day:	Wednesday	Date:	1/29/2019	Weather:	CLEAR
School Day:	Yes	District:	Central	I/S Code:	8895
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	12	0	12
8-9	0	13	2	15
9-10	0	10	1	11
3-4	0	14	1	15
4-5	2	11	0	13
5-6	4	18	2	24
TOTAL	6	78	6	90

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	2	17	3	22
8-9	2	18	4	24
9-10	1	9	1	11
3-4	6	19	3	28
4-5	2	8	6	16
5-6	1	10	2	13
TOTAL	14	81	19	114

TOTAL

Hours	N-S
7-8	34
8-9	39
9-10	22
3-4	43
4-5	29
5-6	37
TOTAL	204

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	3	1	4
8-9	1	2	1	4
9-10	0	3	1	4
3-4	0	5	1	6
4-5	1	1	2	4
5-6	1	1	2	4
TOTAL	3	15	8	26

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	2	0	2
8-9	0	2	0	2
9-10	0	1	0	1
3-4	1	12	8	21
4-5	2	9	4	15
5-6	2	20	6	28
TOTAL	5	46	18	69

TOTAL

Hours	E-W
7-8	6
8-9	6
9-10	5
3-4	27
4-5	19
5-6	32
TOTAL	95

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	10	9	4	3	26
- No helmet riders	60	81	24	52	217
- Sidewalk Riding	28	51	11	15	105
- Wrong way riding	16	26	24	1	67

NB: Northbound, **SB**: Southbound, **EB**: Eastbound, **WB**: Westbound, **I/S**: Intersection

Source: CUI

LADOT 2015 CMP

City of Los Angeles
Department of Transportation

PEDESTRIAN COUNT SUMMARY

STREET:					
North/South:	Main Street				
East/West:	11th Street				
Day:	Wednesday	Date:	January 29, 2019	Weather:	CLEAR
School Day:	YES	District:	Central	I/S Code:	8895
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	2	5	3	3	13
7:15-7:30	6	2	8	11	27
7:30-7:45	4	2	6	3	15
7:45-8:00	6	13	10	4	33
8:00-8:15	7	11	5	6	29
8:15-8:30	7	9	5	5	26
8:30-8:45	7	6	4	6	23
8:45-9:00	9	9	8	4	30
9:00-9:15	7	4	12	4	27
9:15-9:30	10	10	14	3	37
9:30-9:45	4	5	14	4	27
9:45-10:00	8	6	9	7	30
Hours					
7 - 8	18	22	27	21	88
8 - 9	30	35	22	21	108
9 - 10	29	25	49	18	121
TOTAL	77	82	98	60	317

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	9	10	20	12	51
3:15-3:30	14	6	20	4	44
3:30-3:45	7	12	22	8	49
3:45-4:00	6	20	28	18	72
4:00-4:15	11	12	8	10	41
4:15-4:30	5	16	10	14	45
4:30-4:45	20	24	30	12	86
4:45-5:00	16	18	24	14	72
5:00-5:15	11	18	20	16	65
5:15-5:30	11	22	18	18	69
5:30-5:45	20	22	32	6	80
5:45-6:00	16	30	18	26	90
Hours					
3 - 4	36	48	90	42	216
4 - 5	52	70	72	50	244
5 - 6	58	92	88	66	304
	146	210	250	158	764

REMARKS (6 hour total):

	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
- Wheelchair/special needs assistance	0	0	1	0	1
- Skateboard/scooter	7	5	8	11	31

N: North, **S**: South, **E**: East, **W**: West, **I/S**: Intersection

Source: LADOT 2015 CMP

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Los Angeles
N/S: Main Street
E/W: 12th Street
Weather: Clear

File Name : 06_LAC_Main_12th AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

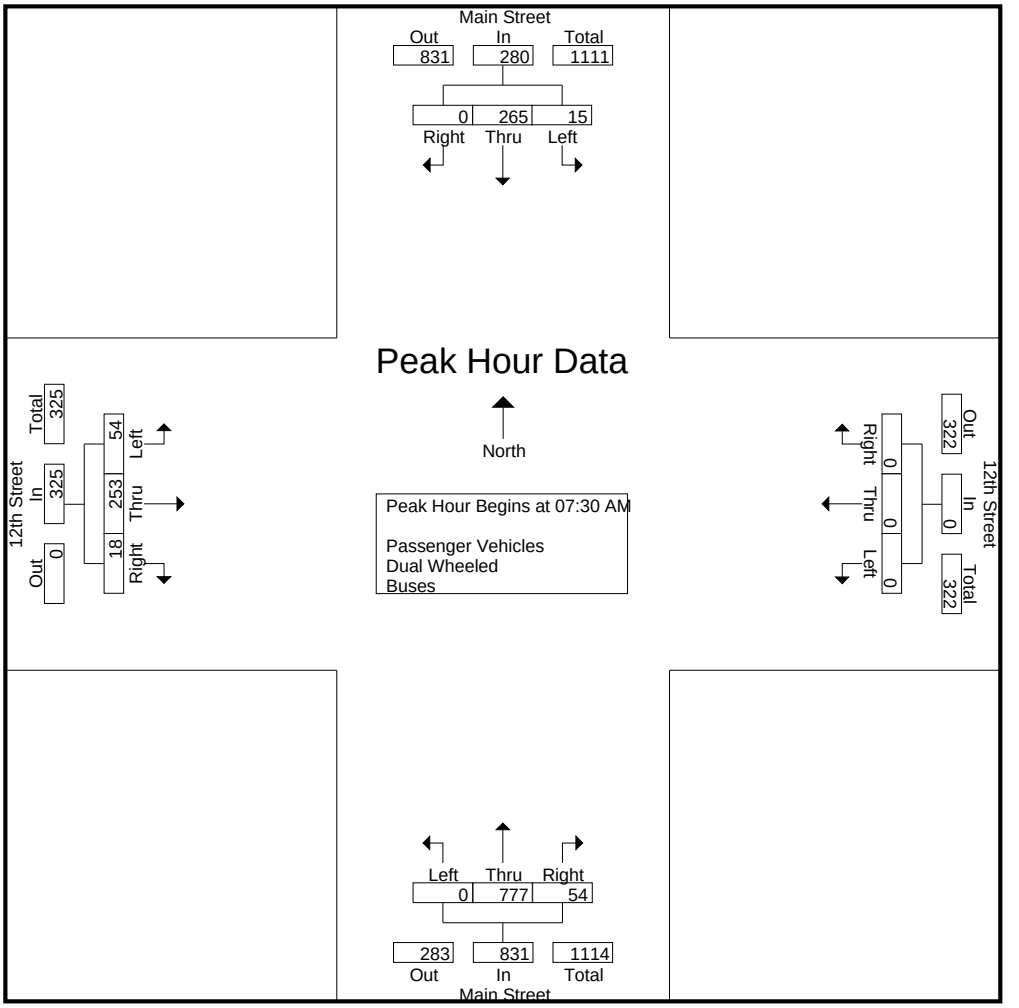
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	49	0	52	0	0	0	0	0	166	6	172	10	12	4	26	250
07:15 AM	4	52	0	56	0	0	0	0	0	190	8	198	12	42	6	60	314
07:30 AM	2	70	0	72	0	0	0	0	0	181	14	195	23	56	8	87	354
07:45 AM	5	57	0	62	0	0	0	0	0	181	14	195	18	72	2	92	349
Total	14	228	0	242	0	0	0	0	0	718	42	760	63	182	20	265	1267
08:00 AM	3	72	0	75	0	0	0	0	0	207	14	221	7	74	3	84	380
08:15 AM	5	66	0	71	0	0	0	0	0	208	12	220	6	51	5	62	353
08:30 AM	5	50	0	55	0	0	0	0	0	211	9	220	8	53	5	66	341
08:45 AM	8	62	0	70	0	0	0	0	0	207	10	217	7	44	12	63	350
Total	21	250	0	271	0	0	0	0	0	833	45	878	28	222	25	275	1424
09:00 AM	5	62	0	67	0	0	0	0	0	192	21	213	7	44	6	57	337
09:15 AM	2	64	0	66	0	0	0	0	0	198	15	213	9	35	9	53	332
09:30 AM	8	63	0	71	0	0	0	0	0	185	17	202	11	35	8	54	327
09:45 AM	9	64	0	73	0	0	0	0	0	188	15	203	10	37	6	53	329
Total	24	253	0	277	0	0	0	0	0	763	68	831	37	151	29	217	1325
Grand Total	59	731	0	790	0	0	0	0	0	2314	155	2469	128	555	74	757	4016
Apprch %	7.5	92.5	0		0	0	0		0	93.7	6.3		16.9	73.3	9.8		
Total %	1.5	18.2	0	19.7	0	0	0	0	0	57.6	3.9	61.5	3.2	13.8	1.8	18.8	
Passenger Vehicles	58	622	0	680	0	0	0	0	0	2156	151	2307	121	540	72	733	3720
% Passenger Vehicles	98.3	85.1	0	86.1	0	0	0	0	0	93.2	97.4	93.4	94.5	97.3	97.3	96.8	92.6
Dual Wheeled	1	15	0	16	0	0	0	0	0	48	4	52	5	12	2	19	87
% Dual Wheeled	1.7	2.1	0	2	0	0	0	0	0	2.1	2.6	2.1	3.9	2.2	2.7	2.5	2.2
Buses	0	94	0	94	0	0	0	0	0	110	0	110	2	3	0	5	209
% Buses	0	12.9	0	11.9	0	0	0	0	0	4.8	0	4.5	1.6	0.5	0	0.7	5.2

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	2	70	0	72	0	0	0	0	0	181	**14**	195	**23**	56	**8**	87	354
07:45 AM	**5**	57	0	62	0	0	0	0	0	181	14	195	18	72	2	**92**	349
08:00 AM	3	**72**	0	**75**	0	0	0	0	0	207	14	**221**	7	**74**	3	84	**380**
08:15 AM	5	66	0	71	0	0	0	0	0	**208**	12	220	6	51	5	62	353
Total Volume	15	265	0	280	0	0	0	0	0	777	54	831	54	253	18	325	1436
% App. Total	5.4	94.6	0		0	0	0		0	93.5	6.5		16.6	77.8	5.5		
PHF	.750	.920	.000	.933	.000	.000	.000	.000	.000	.934	.964	.940	.587	.855	.563	.883	.945

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City of Los Angeles
N/S: Main Street
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Weather: Clear

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Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:00 AM				08:00 AM				07:30 AM			
+0 mins.	2	70	0	72	0	0	0	0	0	207	**14**	**221**	**23**	56	**8**	87
+15 mins.	**5**	57	0	62	0	0	0	0	0	208	12	220	18	72	2	**92**
+30 mins.	3	**72**	0	**75**	0	0	0	0	0	**211**	9	220	7	**74**	3	84
+45 mins.	5	66	0	71	0	0	0	0	0	207	10	217	6	51	5	62
Total Volume	15	265	0	280	0	0	0	0	0	833	45	878	54	253	18	325
% App. Total	5.4	94.6	0		0	0	0		0	94.9	5.1		16.6	77.8	5.5	
PHF	.750	.920	.000	.933	.000	.000	.000	.000	.000	.987	.804	.993	.587	.855	.563	.883

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City of Los Angeles
N/S: Main Street
E/W: 12th Street
Weather: Clear

File Name : 06_LAC_Main_12th AM
Site Code : 16619068
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Groups Printed- Passenger Vehicles

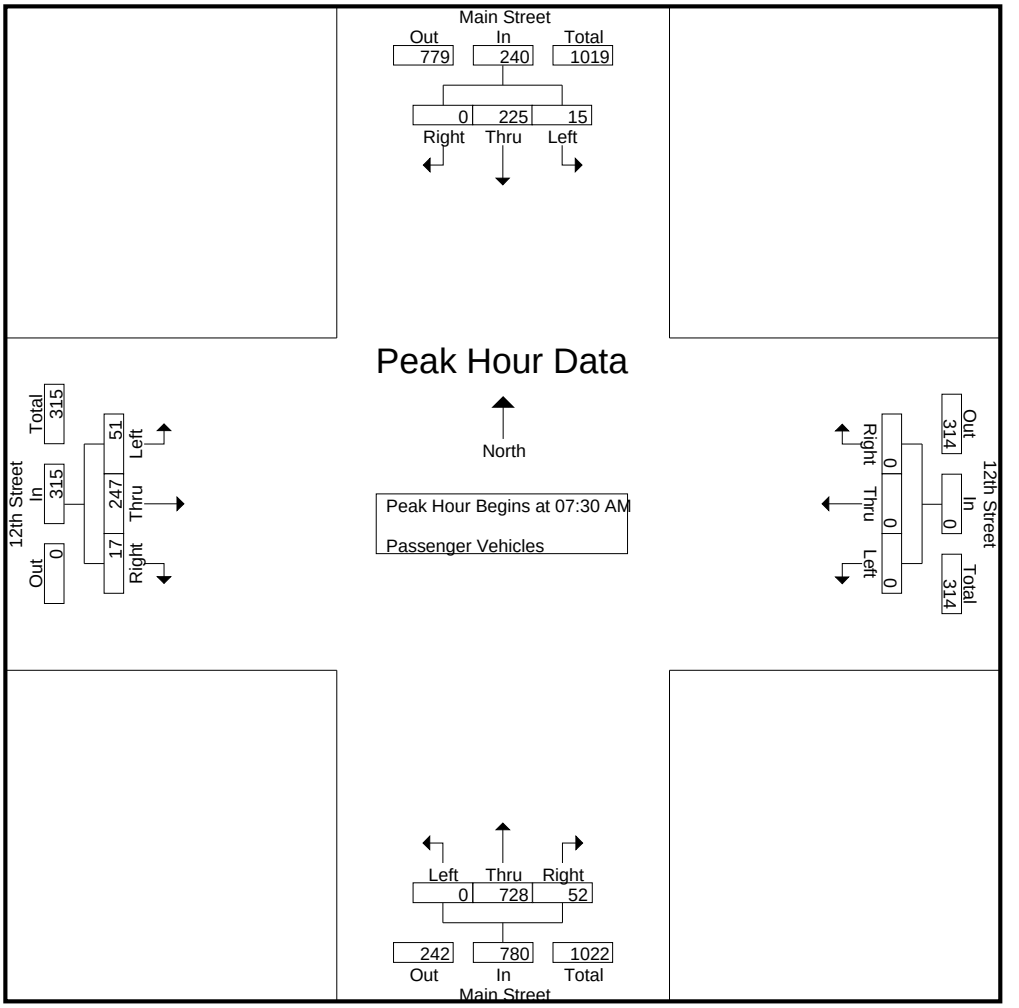
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	42	0	45	0	0	0	0	0	156	6	162	10	11	4	25	232
07:15 AM	4	41	0	45	0	0	0	0	0	181	8	189	10	39	6	55	289
07:30 AM	2	60	0	62	0	0	0	0	0	170	13	183	22	55	8	85	330
07:45 AM	5	48	0	53	0	0	0	0	0	169	13	182	17	72	2	91	326
Total	14	191	0	205	0	0	0	0	0	676	40	716	59	177	20	256	1177
08:00 AM	3	62	0	65	0	0	0	0	0	193	14	207	6	70	2	78	350
08:15 AM	5	55	0	60	0	0	0	0	0	196	12	208	6	50	5	61	329
08:30 AM	5	43	0	48	0	0	0	0	0	190	8	198	7	53	5	65	311
08:45 AM	8	51	0	59	0	0	0	0	0	192	10	202	7	44	12	63	324
Total	21	211	0	232	0	0	0	0	0	771	44	815	26	217	24	267	1314
09:00 AM	4	58	0	62	0	0	0	0	0	175	21	196	6	43	6	55	313
09:15 AM	2	52	0	54	0	0	0	0	0	187	15	202	9	32	9	50	306
09:30 AM	8	57	0	65	0	0	0	0	0	174	16	190	11	35	7	53	308
09:45 AM	9	53	0	62	0	0	0	0	0	173	15	188	10	36	6	52	302
Total	23	220	0	243	0	0	0	0	0	709	67	776	36	146	28	210	1229
Grand Total	58	622	0	680	0	0	0	0	0	2156	151	2307	121	540	72	733	3720
Apprch %	8.5	91.5	0		0	0	0		0	93.5	6.5		16.5	73.7	9.8		
Total %	1.6	16.7	0	18.3	0	0	0	0	0	58	4.1	62	3.3	14.5	1.9	19.7	

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	2	60	0	62	0	0	0	0	0	170	13	183	**22**	55	**8**	85	330
07:45 AM	**5**	48	0	53	0	0	0	0	0	169	13	182	17	**72**	2	**91**	326
08:00 AM	3	**62**	0	**65**	0	0	0	0	0	193	**14**	207	6	70	2	78	**350**
08:15 AM	5	55	0	60	0	0	0	0	0	**196**	12	**208**	6	50	5	61	329
Total Volume	15	225	0	240	0	0	0	0	0	728	52	780	51	247	17	315	1335
% App. Total	6.2	93.8	0		0	0	0		0	93.3	6.7		16.2	78.4	5.4		
PHF	.750	.907	.000	.923	.000	.000	.000	.000	.000	.929	.929	.938	.580	.858	.531	.865	.954

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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	2	60	0	62	0	0	0	0	0	170	13	183	**22**	55	**8**	85
+15 mins.	**5**	48	0	53	0	0	0	0	0	169	13	182	17	**72**	2	**91**
+30 mins.	3	**62**	0	**65**	0	0	0	0	0	193	**14**	207	6	70	2	78
+45 mins.	5	55	0	60	0	0	0	0	0	**196**	12	**208**	6	50	5	61
Total Volume	15	225	0	240	0	0	0	0	0	728	52	780	51	247	17	315
% App. Total	6.2	93.8	0		0	0	0		0	93.3	6.7		16.2	78.4	5.4	
PHF	.750	.907	.000	.923	.000	.000	.000	.000	.000	.929	.929	.938	.580	.858	.531	.865

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Groups Printed- Dual Wheeled

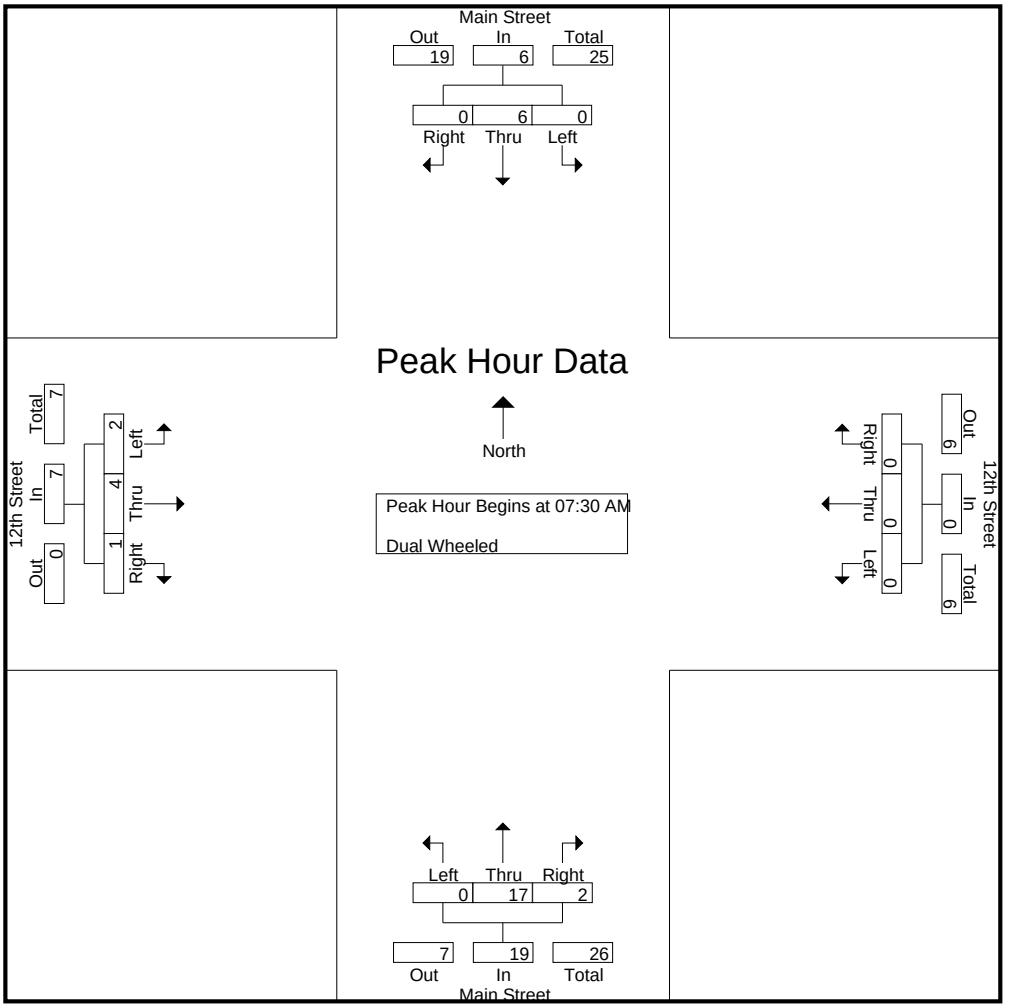
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3
07:15 AM	0	1	0	1	0	0	0	0	0	5	0	5	2	3	0	5	11
07:30 AM	0	2	0	2	0	0	0	0	0	5	1	6	1	1	0	2	10
07:45 AM	0	0	0	0	0	0	0	0	0	3	1	4	1	0	0	1	5
Total	0	3	0	3	0	0	0	0	0	15	2	17	4	5	0	9	29
08:00 AM	0	0	0	0	0	0	0	0	0	6	0	6	0	3	1	4	10
08:15 AM	0	4	0	4	0	0	0	0	0	3	0	3	0	0	0	0	7
08:30 AM	0	0	0	0	0	0	0	0	0	6	1	7	0	0	0	0	7
08:45 AM	0	1	0	1	0	0	0	0	0	4	0	4	0	0	0	0	5
Total	0	5	0	5	0	0	0	0	0	19	1	20	0	3	1	4	29
09:00 AM	1	1	0	2	0	0	0	0	0	5	0	5	1	1	0	2	9
09:15 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	3	0	3	6
09:30 AM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1	3
09:45 AM	0	3	0	3	0	0	0	0	0	8	0	8	0	0	0	0	11
Total	1	7	0	8	0	0	0	0	0	14	1	15	1	4	1	6	29
Grand Total	1	15	0	16	0	0	0	0	0	48	4	52	5	12	2	19	87
Apprch %	6.2	93.8	0		0	0	0		0	92.3	7.7		26.3	63.2	10.5		
Total %	1.1	17.2	0	18.4	0	0	0	0	0	55.2	4.6	59.8	5.7	13.8	2.3	21.8	

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	2	0	2	0	0	0	0	0	5	**1**	**6**	**1**	1	0	2	**10**
07:45 AM	0	0	0	0	0	0	0	0	0	3	1	4	1	0	0	1	5
08:00 AM	0	0	0	0	0	0	0	0	0	**6**	0	6	0	**3**	**1**	**4**	10
08:15 AM	0	**4**	0	**4**	0	0	0	0	0	3	0	3	0	0	0	0	7
Total Volume	0	6	0	6	0	0	0	0	0	17	2	19	2	4	1	7	32
% App. Total	0	100	0		0	0	0		0	89.5	10.5		28.6	57.1	14.3		
PHF	.000	.375	.000	.375	.000	.000	.000	.000	.000	.708	.500	.792	.500	.333	.250	.438	.800

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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	2	0	2	0	0	0	0	0	5	**1**	**6**	**1**	1	0	2
+15 mins.	0	0	0	0	0	0	0	0	0	3	1	4	1	0	0	1
+30 mins.	0	0	0	0	0	0	0	0	0	**6**	0	6	0	**3**	**1**	**4**
+45 mins.	0	**4**	0	**4**	0	0	0	0	0	3	0	3	0	0	0	0
Total Volume	0	6	0	6	0	0	0	0	0	17	2	19	2	4	1	7
% App. Total	0	100	0		0	0	0		0	89.5	10.5		28.6	57.1	14.3	
PHF	.000	.375	.000	.375	.000	.000	.000	.000	.000	.708	.500	.792	.500	.333	.250	.438

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File Name : 06_LAC_Main_12th AM
Site Code : 16619068
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Groups Printed- Buses

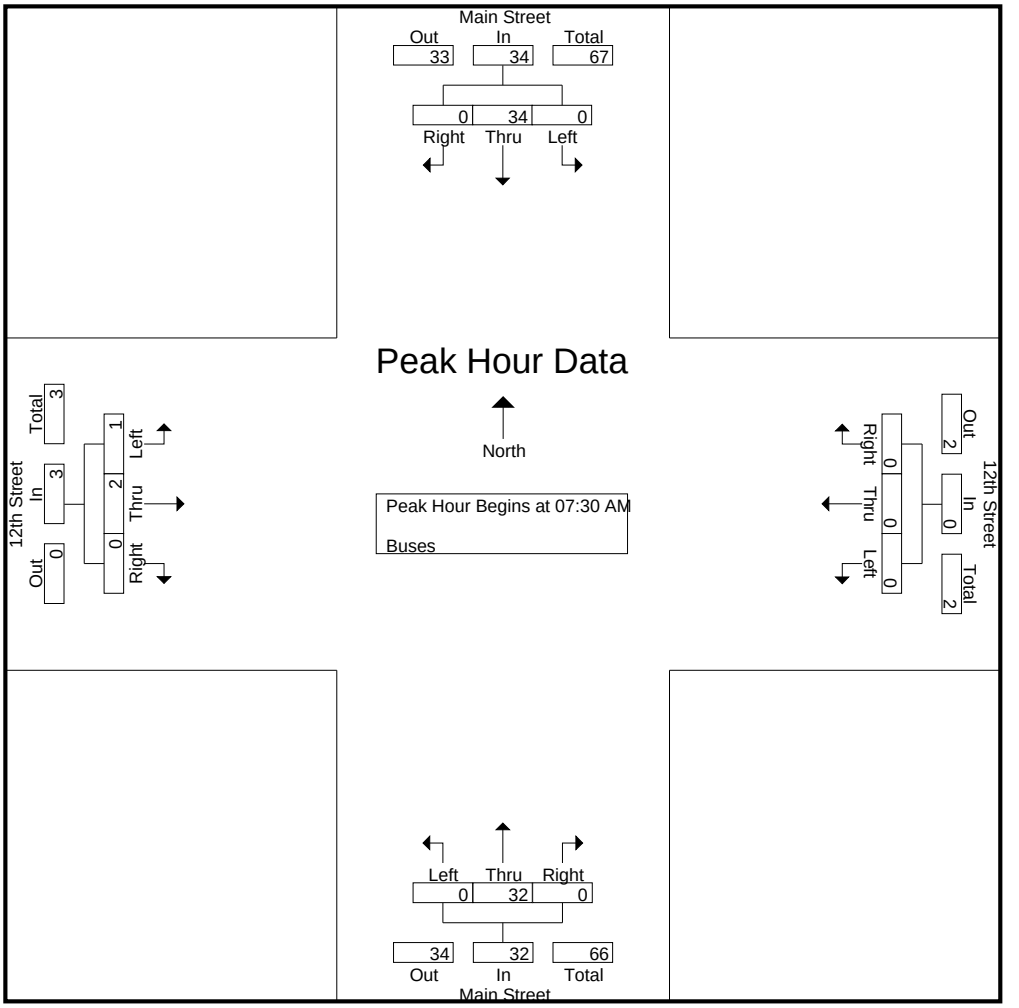
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	7	0	7	0	0	0	0	0	8	0	8	0	0	0	0	15
07:15 AM	0	10	0	10	0	0	0	0	0	4	0	4	0	0	0	0	14
07:30 AM	0	8	0	8	0	0	0	0	0	6	0	6	0	0	0	0	14
07:45 AM	0	9	0	9	0	0	0	0	0	9	0	9	0	0	0	0	18
Total	0	34	0	34	0	0	0	0	0	27	0	27	0	0	0	0	61
08:00 AM	0	10	0	10	0	0	0	0	0	8	0	8	1	1	0	2	20
08:15 AM	0	7	0	7	0	0	0	0	0	9	0	9	0	1	0	1	17
08:30 AM	0	7	0	7	0	0	0	0	0	15	0	15	1	0	0	1	23
08:45 AM	0	10	0	10	0	0	0	0	0	11	0	11	0	0	0	0	21
Total	0	34	0	34	0	0	0	0	0	43	0	43	2	2	0	4	81
09:00 AM	0	3	0	3	0	0	0	0	0	12	0	12	0	0	0	0	15
09:15 AM	0	10	0	10	0	0	0	0	0	10	0	10	0	0	0	0	20
09:30 AM	0	5	0	5	0	0	0	0	0	11	0	11	0	0	0	0	16
09:45 AM	0	8	0	8	0	0	0	0	0	7	0	7	0	1	0	1	16
Total	0	26	0	26	0	0	0	0	0	40	0	40	0	1	0	1	67
Grand Total	0	94	0	94	0	0	0	0	0	110	0	110	2	3	0	5	209
Apprch %	0	100	0		0	0	0		0	100	0		40	60	0		
Total %	0	45	0	45	0	0	0	0	0	52.6	0	52.6	1	1.4	0	2.4	

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	0	8	0	8	0	0	0	0	0	6	0	6	0	0	0	0	14
07:45 AM	0	9	0	9	0	0	0	0	0	**9**	0	**9**	0	0	0	0	18
08:00 AM	0	**10**	0	**10**	0	0	0	0	0	8	0	8	**1**	**1**	0	**2**	**20**
08:15 AM	0	7	0	7	0	0	0	0	0	9	0	9	0	1	0	1	17
Total Volume	0	34	0	34	0	0	0	0	0	32	0	32	1	2	0	3	69
% App. Total	0	100	0		0	0	0		0	100	0		33.3	66.7	0		
PHF	.000	.850	.000	.850	.000	.000	.000	.000	.000	.889	.000	.889	.250	.500	.000	.375	.863

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Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:30 AM			
+0 mins.	0	8	0	8	0	0	0	0	0	6	0	6	0	0	0	0
+15 mins.	0	9	0	9	0	0	0	0	0	**9**	0	**9**	0	0	0	0
+30 mins.	0	**10**	0	**10**	0	0	0	0	0	8	0	8	**1**	**1**	0	**2**
+45 mins.	0	7	0	7	0	0	0	0	0	9	0	9	0	1	0	1
Total Volume	0	34	0	34	0	0	0	0	0	32	0	32	1	2	0	3
% App. Total	0	100	0		0	0	0		0	100	0		33.3	66.7	0	
PHF	.000	.850	.000	.850	.000	.000	.000	.000	.000	.889	.000	.889	.250	.500	.000	.375

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N/S: Main Street
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File Name : 06_LAC_Main_12th PM
Site Code : 16619068
Start Date : 1/29/2019

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

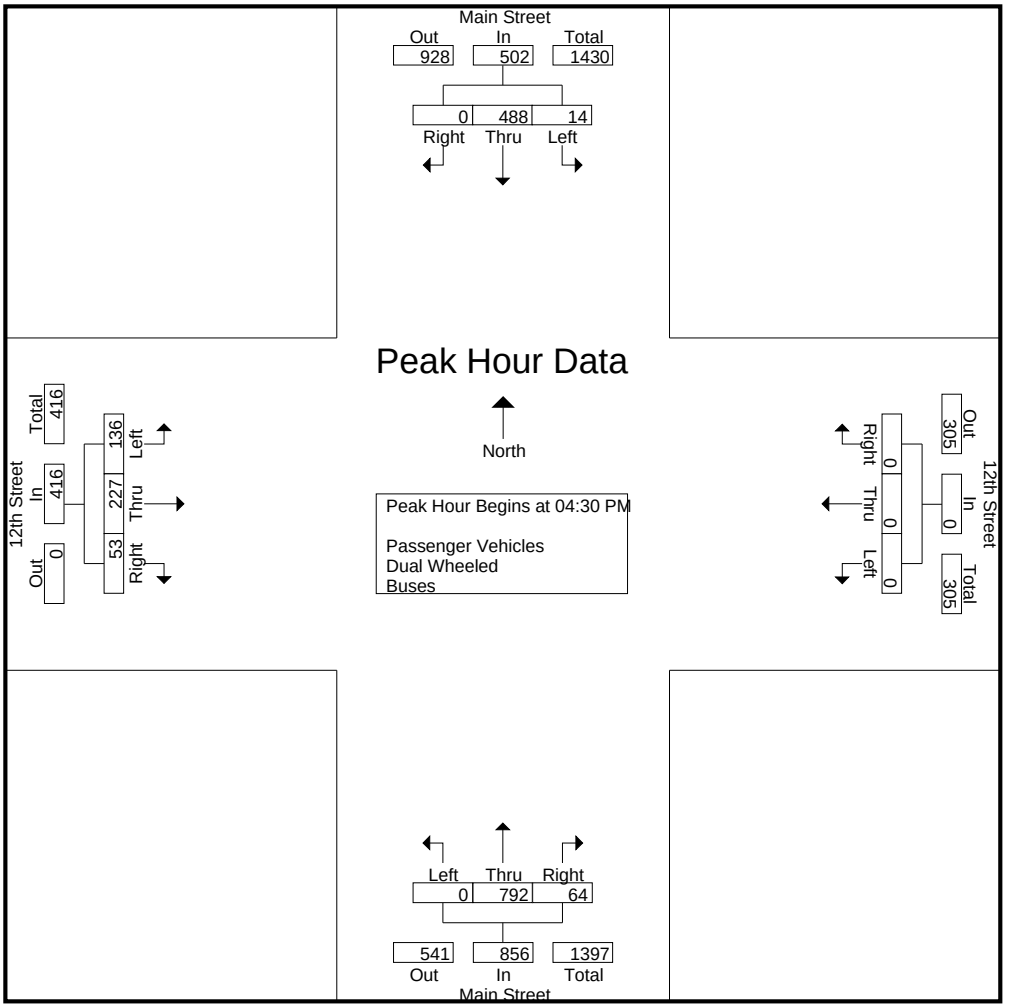
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	16	113	0	129	0	0	0	0	0	125	14	139	12	34	17	63	331
03:15 PM	6	109	0	115	0	0	0	0	0	162	13	175	19	37	9	65	355
03:30 PM	2	94	0	96	0	0	0	0	0	205	17	222	19	40	8	67	385
03:45 PM	7	93	0	100	0	0	0	0	0	189	8	197	15	27	4	46	343
Total	31	409	0	440	0	0	0	0	0	681	52	733	65	138	38	241	1414
04:00 PM	9	113	0	122	0	0	0	0	0	199	15	214	42	43	12	97	433
04:15 PM	4	82	0	86	0	0	0	0	0	198	8	206	37	44	10	91	383
04:30 PM	1	121	0	122	0	0	0	0	0	186	18	204	41	57	19	117	443
04:45 PM	2	126	0	128	0	0	0	0	0	220	10	230	34	52	8	94	452
Total	16	442	0	458	0	0	0	0	0	803	51	854	154	196	49	399	1711
05:00 PM	4	105	0	109	0	0	0	0	0	215	20	235	42	68	12	122	466
05:15 PM	7	136	0	143	0	0	0	0	0	171	16	187	19	50	14	83	413
05:30 PM	2	122	0	124	0	0	0	0	0	153	11	164	17	34	6	57	345
05:45 PM	6	121	0	127	0	0	0	0	0	164	9	173	19	40	5	64	364
Total	19	484	0	503	0	0	0	0	0	703	56	759	97	192	37	326	1588
Grand Total	66	1335	0	1401	0	0	0	0	0	2187	159	2346	316	526	124	966	4713
Apprch %	4.7	95.3	0		0	0	0		0	93.2	6.8		32.7	54.5	12.8		
Total %	1.4	28.3	0	29.7	0	0	0	0	0	46.4	3.4	49.8	6.7	11.2	2.6	20.5	
Passenger Vehicles	59	1205	0	1264	0	0	0	0	0	2052	151	2203	311	511	121	943	4410
% Passenger Vehicles	89.4	90.3	0	90.2	0	0	0	0	0	93.8	95	93.9	98.4	97.1	97.6	97.6	93.6
Dual Wheeled	7	27	0	34	0	0	0	0	0	39	8	47	4	13	3	20	101
% Dual Wheeled	10.6	2	0	2.4	0	0	0	0	0	1.8	5	2	1.3	2.5	2.4	2.1	2.1
Buses	0	103	0	103	0	0	0	0	0	96	0	96	1	2	0	3	202
% Buses	0	7.7	0	7.4	0	0	0	0	0	4.4	0	4.1	0.3	0.4	0	0.3	4.3

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	121	0	122	0	0	0	0	0	186	18	204	41	57	**19**	117	443
04:45 PM	2	126	0	128	0	0	0	0	0	**220**	10	230	34	52	8	94	452
05:00 PM	4	105	0	109	0	0	0	0	0	215	**20**	**235**	**42**	**68**	12	**122**	**466**
05:15 PM	**7**	**136**	0	**143**	0	0	0	0	0	171	16	187	19	50	14	83	413
Total Volume	14	488	0	502	0	0	0	0	0	792	64	856	136	227	53	416	1774
% App. Total	2.8	97.2	0		0	0	0		0	92.5	7.5		32.7	54.6	12.7		
PHF	.500	.897	.000	.878	.000	.000	.000	.000	.000	.900	.800	.911	.810	.835	.697	.852	.952

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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM				03:00 PM				04:15 PM				04:15 PM			
+0 mins.	2	126	0	128	0	0	0	0	0	198	8	206	37	44	10	91
+15 mins.	4	105	0	109	0	0	0	0	0	186	18	204	41	57	**19**	117
+30 mins.	**7**	**136**	0	**143**	0	0	0	0	0	**220**	10	230	34	52	8	94
+45 mins.	2	122	0	124	0	0	0	0	0	215	**20**	**235**	**42**	**68**	12	**122**
Total Volume	15	489	0	504	0	0	0	0	0	819	56	875	154	221	49	424
% App. Total	3	97	0		0	0	0		0	93.6	6.4		36.3	52.1	11.6	
PHF	.536	.899	.000	.881	.000	.000	.000	.000	.000	.931	.700	.931	.917	.813	.645	.869

Counts Unlimited
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Corona, CA 92878
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City of Los Angeles
N/S: Main Street
E/W: 12th Street
Weather: Clear

File Name : 06_LAC_Main_12th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Passenger Vehicles

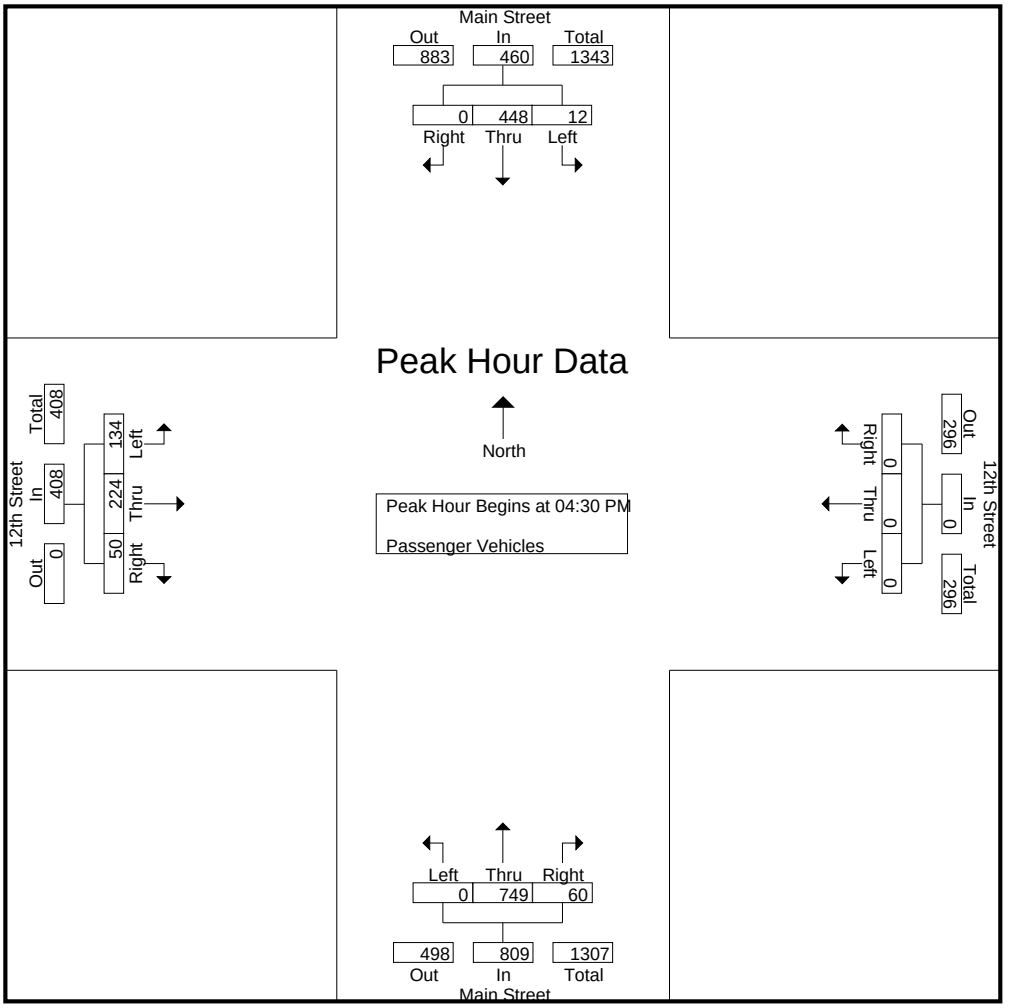
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	15	102	0	117	0	0	0	0	0	120	13	133	11	30	17	58	308
03:15 PM	6	91	0	97	0	0	0	0	0	142	12	154	18	37	9	64	315
03:30 PM	1	83	0	84	0	0	0	0	0	200	16	216	19	38	8	65	365
03:45 PM	6	83	0	89	0	0	0	0	0	178	8	186	15	26	4	45	320
Total	28	359	0	387	0	0	0	0	0	640	49	689	63	131	38	232	1308
04:00 PM	7	103	0	110	0	0	0	0	0	183	15	198	42	43	12	97	405
04:15 PM	4	74	0	78	0	0	0	0	0	189	8	197	37	42	10	89	364
04:30 PM	1	109	0	110	0	0	0	0	0	177	16	193	40	54	18	112	415
04:45 PM	1	117	0	118	0	0	0	0	0	210	9	219	34	52	7	93	430
Total	13	403	0	416	0	0	0	0	0	759	48	807	153	191	47	391	1614
05:00 PM	4	93	0	97	0	0	0	0	0	203	20	223	41	68	12	121	441
05:15 PM	6	129	0	135	0	0	0	0	0	159	15	174	19	50	13	82	391
05:30 PM	2	110	0	112	0	0	0	0	0	140	10	150	16	32	6	54	316
05:45 PM	6	111	0	117	0	0	0	0	0	151	9	160	19	39	5	63	340
Total	18	443	0	461	0	0	0	0	0	653	54	707	95	189	36	320	1488
Grand Total	59	1205	0	1264	0	0	0	0	0	2052	151	2203	311	511	121	943	4410
Apprch %	4.7	95.3	0		0	0	0		0	93.1	6.9		33	54.2	12.8		
Total %	1.3	27.3	0	28.7	0	0	0	0	0	46.5	3.4	50	7.1	11.6	2.7	21.4	

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	1	109	0	110	0	0	0	0	0	177	16	193	40	54	**18**	112	415
04:45 PM	1	117	0	118	0	0	0	0	0	**210**	9	219	34	52	7	93	430
05:00 PM	4	93	0	97	0	0	0	0	0	203	**20**	**223**	**41**	**68**	12	**121**	**441**
05:15 PM	**6**	**129**	0	**135**	0	0	0	0	0	159	15	174	19	50	13	82	391
Total Volume	12	448	0	460	0	0	0	0	0	749	60	809	134	224	50	408	1677
% App. Total	2.6	97.4	0		0	0	0		0	92.6	7.4		32.8	54.9	12.3		
PHF	.500	.868	.000	.852	.000	.000	.000	.000	.000	.892	.750	.907	.817	.824	.694	.843	.951

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City of Los Angeles
N/S: Main Street
E/W: 12th Street
Weather: Clear

File Name : 06_LAC_Main_12th PM
Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	1	109	0	110	0	0	0	0	0	177	16	193	40	54	**18**	112
+15 mins.	1	117	0	118	0	0	0	0	0	**210**	9	219	34	52	7	93
+30 mins.	4	93	0	97	0	0	0	0	0	203	**20**	**223**	**41**	**68**	12	**121**
+45 mins.	**6**	**129**	0	**135**	0	0	0	0	0	159	15	174	19	50	13	82
Total Volume	12	448	0	460	0	0	0	0	0	749	60	809	134	224	50	408
% App. Total	2.6	97.4	0		0	0	0		0	92.6	7.4		32.8	54.9	12.3	
PHF	.500	.868	.000	.852	.000	.000	.000	.000	.000	.892	.750	.907	.817	.824	.694	.843

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Start Date : 1/29/2019
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Groups Printed- Dual Wheeled

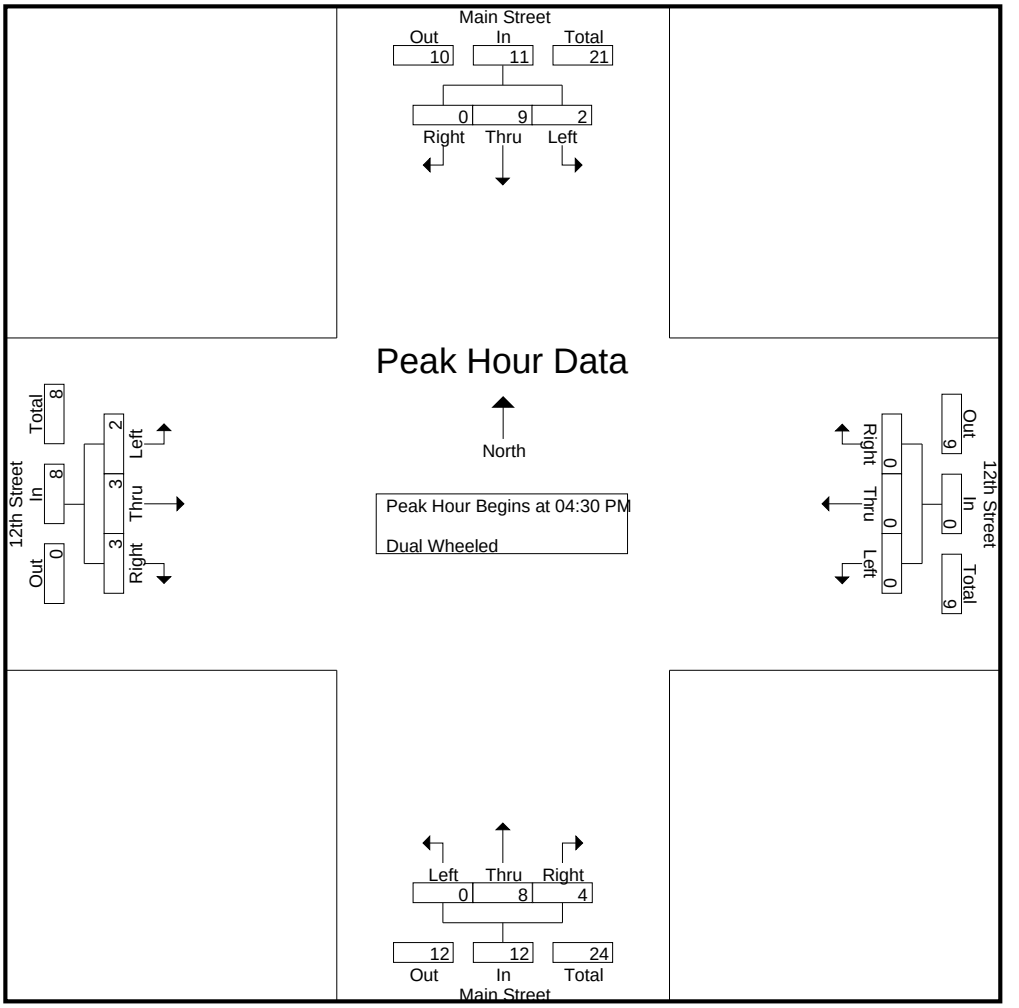
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	1	2	0	3	0	0	0	0	0	2	1	3	1	4	0	5	11
03:15 PM	0	9	0	9	0	0	0	0	0	8	1	9	1	0	0	1	19
03:30 PM	1	1	0	2	0	0	0	0	0	1	1	2	0	1	0	1	5
03:45 PM	1	1	0	2	0	0	0	0	0	5	0	5	0	1	0	1	8
Total	3	13	0	16	0	0	0	0	0	16	3	19	2	6	0	8	43
04:00 PM	2	0	0	2	0	0	0	0	0	7	0	7	0	0	0	0	9
04:15 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	2	0	2	5
04:30 PM	0	2	0	2	0	0	0	0	0	2	2	4	1	3	1	5	11
04:45 PM	1	4	0	5	0	0	0	0	0	3	1	4	0	0	1	1	10
Total	3	7	0	10	0	0	0	0	0	14	3	17	1	5	2	8	35
05:00 PM	0	2	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
05:15 PM	1	1	0	2	0	0	0	0	0	3	1	4	0	0	1	1	7
05:30 PM	0	1	0	1	0	0	0	0	0	2	1	3	0	1	0	1	5
05:45 PM	0	3	0	3	0	0	0	0	0	4	0	4	0	1	0	1	8
Total	1	7	0	8	0	0	0	0	0	9	2	11	1	2	1	4	23
Grand Total	7	27	0	34	0	0	0	0	0	39	8	47	4	13	3	20	101
Apprch %	20.6	79.4	0		0	0	0		0	83	17		20	65	15		
Total %	6.9	26.7	0	33.7	0	0	0	0	0	38.6	7.9	46.5	4	12.9	3	19.8	

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	2	0	2	0	0	0	0	0	2	**2**	**4**	**1**	**3**	**1**	**5**	**11**
04:45 PM	**1**	**4**	0	**5**	0	0	0	0	0	**3**	1	4	0	0	1	1	10
05:00 PM	0	2	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
05:15 PM	1	1	0	2	0	0	0	0	0	3	1	4	0	0	1	1	7
Total Volume	2	9	0	11	0	0	0	0	0	8	4	12	2	3	3	8	31
% App. Total	18.2	81.8	0		0	0	0		0	66.7	33.3		25	37.5	37.5		
PHF	.500	.563	.000	.550	.000	.000	.000	.000	.000	.667	.500	.750	.500	.250	.750	.400	.705

Counts Unlimited
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City of Los Angeles
N/S: Main Street
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Weather: Clear

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Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	2	0	2	0	0	0	0	0	2	**2**	**4**	**1**	**3**	**1**	**5**
+15 mins.	**1**	**4**	0	**5**	0	0	0	0	0	**3**	1	4	0	0	1	1
+30 mins.	0	2	0	2	0	0	0	0	0	0	0	0	1	0	0	1
+45 mins.	1	1	0	2	0	0	0	0	0	3	1	4	0	0	1	1
Total Volume	2	9	0	11	0	0	0	0	0	8	4	12	2	3	3	8
% App. Total	18.2	81.8	0		0	0	0		0	66.7	33.3		25	37.5	37.5	
PHF	.500	.563	.000	.550	.000	.000	.000	.000	.000	.667	.500	.750	.500	.250	.750	.400

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City of Los Angeles
N/S: Main Street
E/W: 12th Street
Weather: Clear

File Name : 06_LAC_Main_12th PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Buses

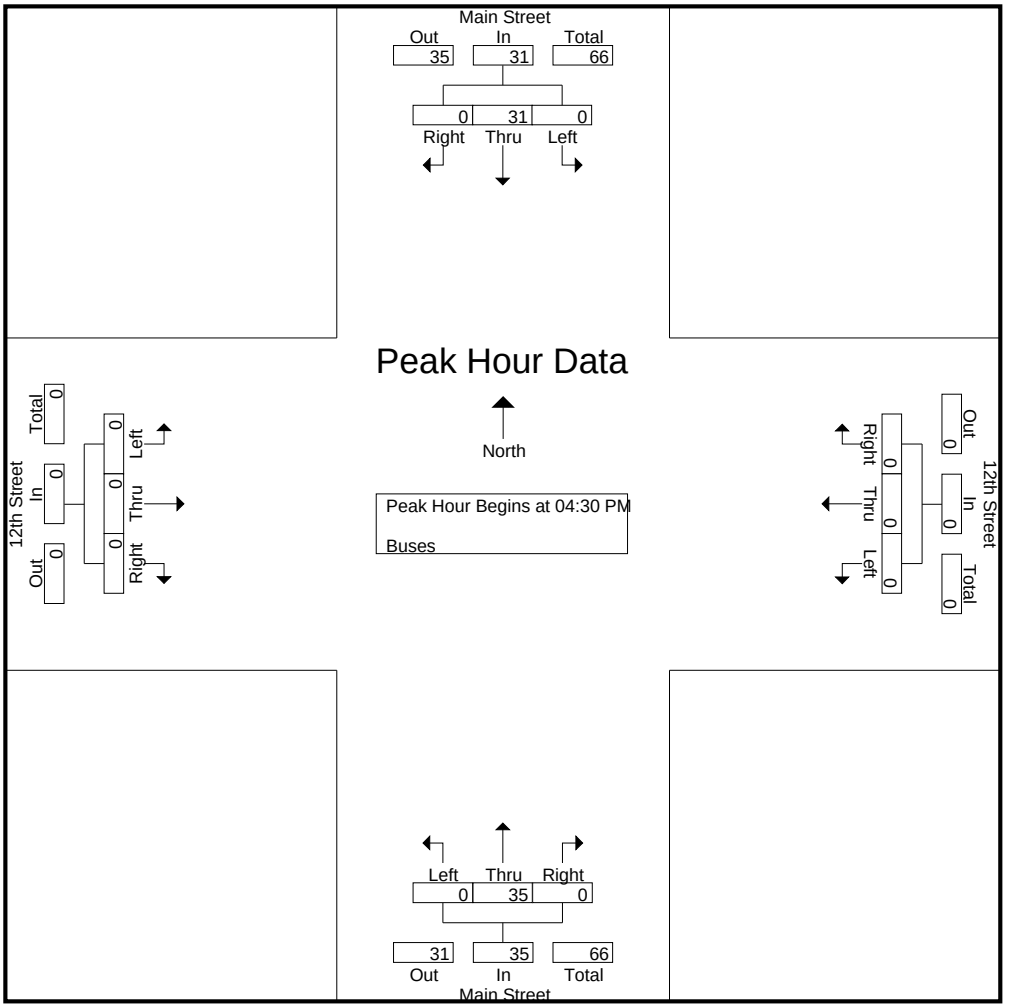
	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	9	0	9	0	0	0	0	0	3	0	3	0	0	0	0	12
03:15 PM	0	9	0	9	0	0	0	0	0	12	0	12	0	0	0	0	21
03:30 PM	0	10	0	10	0	0	0	0	0	4	0	4	0	1	0	1	15
03:45 PM	0	9	0	9	0	0	0	0	0	6	0	6	0	0	0	0	15
Total	0	37	0	37	0	0	0	0	0	25	0	25	0	1	0	1	63
04:00 PM	0	10	0	10	0	0	0	0	0	9	0	9	0	0	0	0	19
04:15 PM	0	7	0	7	0	0	0	0	0	7	0	7	0	0	0	0	14
04:30 PM	0	10	0	10	0	0	0	0	0	7	0	7	0	0	0	0	17
04:45 PM	0	5	0	5	0	0	0	0	0	7	0	7	0	0	0	0	12
Total	0	32	0	32	0	0	0	0	0	30	0	30	0	0	0	0	62
05:00 PM	0	10	0	10	0	0	0	0	0	12	0	12	0	0	0	0	22
05:15 PM	0	6	0	6	0	0	0	0	0	9	0	9	0	0	0	0	15
05:30 PM	0	11	0	11	0	0	0	0	0	11	0	11	1	1	0	2	24
05:45 PM	0	7	0	7	0	0	0	0	0	9	0	9	0	0	0	0	16
Total	0	34	0	34	0	0	0	0	0	41	0	41	1	1	0	2	77
Grand Total	0	103	0	103	0	0	0	0	0	96	0	96	1	2	0	3	202
Apprch %	0	100	0		0	0	0		0	100	0		33.3	66.7	0		
Total %	0	51	0	51	0	0	0	0	0	47.5	0	47.5	0.5	1	0	1.5	

	Main Street Southbound				12th Street Westbound				Main Street Northbound				12th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	**10**	0	**10**	0	0	0	0	0	7	0	7	0	0	0	0	17
04:45 PM	0	5	0	5	0	0	0	0	0	7	0	7	0	0	0	0	12
05:00 PM	0	10	0	10	0	0	0	0	0	**12**	0	**12**	0	0	0	0	**22**
05:15 PM	0	6	0	6	0	0	0	0	0	9	0	9	0	0	0	0	15
Total Volume	0	31	0	31	0	0	0	0	0	35	0	35	0	0	0	0	66
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0		
PHF	.000	.775	.000	.775	.000	.000	.000	.000	.000	.729	.000	.729	.000	.000	.000	.000	.750

Counts Unlimited
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Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	**10**	0	**10**	0	0	0	0	0	7	0	7	0	0	0	0
+15 mins.	0	5	0	5	0	0	0	0	0	7	0	7	0	0	0	0
+30 mins.	0	10	0	10	0	0	0	0	0	**12**	0	**12**	0	0	0	0
+45 mins.	0	6	0	6	0	0	0	0	0	9	0	9	0	0	0	0
Total Volume	0	31	0	31	0	0	0	0	0	35	0	35	0	0	0	0
% App. Total	0	100	0		0	0	0		0	100	0		0	0	0	
PHF	.000	.775	.000	.775	.000	.000	.000	.000	.000	.729	.000	.729	.000	.000	.000	.000

City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Main Street

East/West 12th Street

Day: Wednesday **Date:** January 29, 2019 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central I/S CODE 0

	N/B	S/B	E/B	W/B
DUAL-WHEELED	99	50	39	0
BIKES	85	84	68	36
BUSES	206	197	8	0

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	221	8.00	75	8.00	92	7.45	0	7.00
PM PK 15 MIN	235	5.00	143	5.15	122	5.00	0	3.00
AM PK HOUR	878	8.00	280	7.30	325	7.30	0	7.00
PM PK HOUR	875	4.15	504	4.45	424	4.15	0	3.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	718	42	760
8-9	0	833	45	878
9-10	0	763	68	831
3-4	0	681	52	733
4-5	0	803	51	854
5-6	0	703	56	759
TOTAL	0	4501	314	4815

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	14	228	0	242
8-9	21	250	0	271
9-10	24	253	0	277
3-4	31	409	0	440
4-5	16	442	0	458
5-6	19	484	0	503
TOTAL	125	2066	0	2191

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
1002	29	0	29	0
1149	34	0	47	0
1108	35	0	42	1
1173	40	1	65	2
1312	49	1	62	0
1262	92	0	80	2
7006	279	2	325	5

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	63	182	20	265
8-9	28	222	25	275
9-10	37	151	29	217
3-4	65	138	38	241
4-5	154	196	49	399
5-6	97	192	37	326
TOTAL	444	1081	198	1723

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
265	19	0	35	1
275	21	0	21	0
217	21	0	41	0
241	22	2	42	0
399	26	0	47	0
326	38	0	77	0
1723	147	2	263	1

(Rev Oct 06)

City of Los Angeles
Department of Transportation

BICYCLE COUNT SUMMARY

STREET:

North/South:	Main Street				
East/West:	12th Street				
Day:	Wednesday	Date:	1/29/2019	Weather:	CLEAR
School Day:	Yes	District:	Central	I/S Code:	0
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	8	1	9
8-9	0	9	2	11
9-10	3	8	1	12
3-4	3	12	4	19
4-5	2	8	2	12
5-6	1	18	3	22
TOTAL	9	63	13	85

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	3	13	0	16
8-9	1	18	0	19
9-10	0	8	0	8
3-4	2	15	1	18
4-5	1	9	1	11
5-6	0	9	3	12
TOTAL	7	72	5	84

TOTAL

Hours	N-S
7-8	25
8-9	30
9-10	20
3-4	37
4-5	23
5-6	34
TOTAL	169

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	4	10	2	16
8-9	4	12	3	19
9-10	1	7	4	12
3-4	4	2	2	8
4-5	3	4	0	7
5-6	1	4	1	6
TOTAL	17	39	12	68

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	0	0	1
8-9	1	0	0	1
9-10	3	4	1	8
3-4	1	6	0	7
4-5	3	0	1	4
5-6	2	11	2	15
TOTAL	11	21	4	36

TOTAL

Hours	E-W
7-8	17
8-9	20
9-10	20
3-4	15
4-5	11
5-6	21
TOTAL	104

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	4	5	4	1	14
- No helmet riders	51	52	45	32	180
- Sidewalk Riding	33	39	26	27	125
- Wrong way riding	8	17	1	34	60

NB: Northbound, **SB**: Southbound, **EB**: Eastbound, **WB**: Westbound, **I/S**: Intersection

Source: CUI

LADOT 2015 CMP

City of Los Angeles
Department of Transportation

PEDESTRIAN COUNT SUMMARY

STREET:					
North/South:	Main Street				
East/West:	12th Street				
Day:	Wednesday	Date:	January 29, 2019	Weather:	CLEAR
School Day:	YES	District:	Central	I/S Code:	0
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	5	5	11	3	24
7:15-7:30	6	9	6	7	28
7:30-7:45	12	8	3	4	27
7:45-8:00	6	7	16	5	34
8:00-8:15	10	12	1	7	30
8:15-8:30	9	10	7	3	29
8:30-8:45	13	5	8	6	32
8:45-9:00	15	7	5	5	32
9:00-9:15	11	12	6	7	36
9:15-9:30	13	8	9	6	36
9:30-9:45	8	6	11	1	26
9:45-10:00	11	9	15	7	42
Hours					
7 - 8	29	29	36	19	113
8 - 9	47	34	21	21	123
9 - 10	43	35	41	21	140
TOTAL	119	98	98	61	376

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	24	24	32	4	84
3:15-3:30	17	14	14	18	63
3:30-3:45	11	24	24	8	67
3:45-4:00	15	18	14	14	61
4:00-4:15	14	22	18	24	78
4:15-4:30	13	20	16	2	51
4:30-4:45	15	30	24	12	81
4:45-5:00	20	26	36	14	96
5:00-5:15	17	30	54	18	119
5:15-5:30	20	60	22	16	118
5:30-5:45	16	42	42	14	114
5:45-6:00	29	52	36	28	145
Hours					
3 - 4	67	80	84	44	275
4 - 5	62	98	94	52	306
5 - 6	82	184	154	76	496
	211	362	332	172	1077

REMARKS (6 hour total):

	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
- Wheelchair/special needs assistance	2	1	0	0	3
- Skateboard/scooter	2	11	8	3	24

N: North, **S**: South, **E**: East, **W**: West, **I/S**: Intersection

Source: LADOT 2015 CMP

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City of Los Angeles
N/S: Main Street
E/W: Pico Boulevard
Weather: Clear

File Name : 07_LAC_Main_Pico AM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 1

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

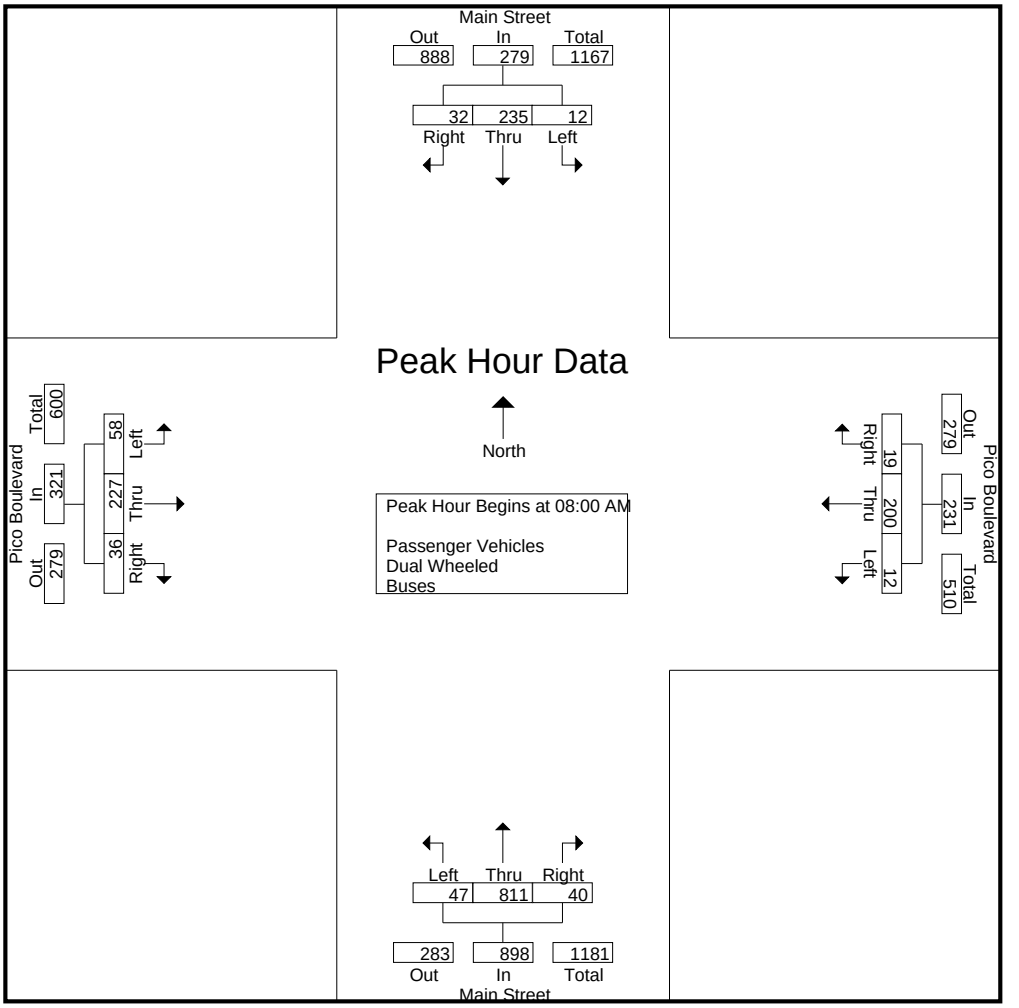
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	47	7	55	1	53	3	57	17	156	2	175	6	13	8	27	314
07:15 AM	4	49	11	64	0	54	5	59	11	183	4	198	9	40	7	56	377
07:30 AM	2	65	11	78	2	40	0	42	17	184	10	211	12	36	3	51	382
07:45 AM	1	50	8	59	2	54	5	61	12	171	10	193	20	64	9	93	406
Total	8	211	37	256	5	201	13	219	57	694	26	777	47	153	27	227	1479
08:00 AM	3	61	11	75	4	58	4	66	13	206	10	229	13	70	10	93	463
08:15 AM	1	62	5	68	4	58	5	67	12	200	10	222	16	58	9	83	440
08:30 AM	3	53	7	63	1	35	4	40	12	200	10	222	15	52	6	73	398
08:45 AM	5	59	9	73	3	49	6	58	10	205	10	225	14	47	11	72	428
Total	12	235	32	279	12	200	19	231	47	811	40	898	58	227	36	321	1729
09:00 AM	5	46	12	63	4	53	6	63	8	192	22	222	16	47	7	70	418
09:15 AM	3	64	6	73	5	53	6	64	8	177	16	201	6	36	10	52	390
09:30 AM	3	58	10	71	5	47	10	62	11	189	16	216	16	46	5	67	416
09:45 AM	2	55	15	72	2	51	12	65	13	177	16	206	13	38	7	58	401
Total	13	223	43	279	16	204	34	254	40	735	70	845	51	167	29	247	1625
Grand Total	33	669	112	814	33	605	66	704	144	2240	136	2520	156	547	92	795	4833
Apprch %	4.1	82.2	13.8		4.7	85.9	9.4		5.7	88.9	5.4		19.6	68.8	11.6		
Total %	0.7	13.8	2.3	16.8	0.7	12.5	1.4	14.6	3	46.3	2.8	52.1	3.2	11.3	1.9	16.4	
Passenger Vehicles	33	585	91	709	31	576	60	667	142	2097	132	2371	152	534	90	776	4523
% Passenger Vehicles	100	87.4	81.2	87.1	93.9	95.2	90.9	94.7	98.6	93.6	97.1	94.1	97.4	97.6	97.8	97.6	93.6
Dual Wheeled	0	11	2	13	1	17	5	23	1	35	4	40	3	13	2	18	94
% Dual Wheeled	0	1.6	1.8	1.6	3	2.8	7.6	3.3	0.7	1.6	2.9	1.6	1.9	2.4	2.2	2.3	1.9
Buses	0	73	19	92	1	12	1	14	1	108	0	109	1	0	0	1	216
% Buses	0	10.9	17	11.3	3	2	1.5	2	0.7	4.8	0	4.3	0.6	0	0	0.1	4.5

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	3	61	**11**	**75**	**4**	**58**	4	66	**13**	**206**	**10**	**229**	13	**70**	10	**93**	**463**
08:15 AM	1	**62**	5	68	4	58	5	**67**	12	200	10	222	**16**	58	9	83	440
08:30 AM	3	53	7	63	1	35	4	40	12	200	10	222	15	52	6	73	398
08:45 AM	**5**	59	9	73	3	49	**6**	58	10	205	10	225	14	47	**11**	72	428
Total Volume	12	235	32	279	12	200	19	231	47	811	40	898	58	227	36	321	1729
% App. Total	4.3	84.2	11.5		5.2	86.6	8.2		5.2	90.3	4.5		18.1	70.7	11.2		
PHF	.600	.948	.727	.930	.750	.862	.792	.862	.904	.984	1.00	.980	.906	.811	.818	.863	.934

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Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				09:00 AM				08:00 AM				07:45 AM			
+0 mins.	2	**65**	**11**	**78**	4	**53**	6	63	**13**	**206**	**10**	**229**	**20**	64	9	**93**
+15 mins.	1	50	8	59	**5**	53	6	64	12	200	10	222	13	**70**	**10**	93
+30 mins.	**3**	61	11	75	5	47	10	62	12	200	10	222	16	58	9	83
+45 mins.	1	62	5	68	2	51	**12**	**65**	10	205	10	225	15	52	6	73
Total Volume	7	238	35	280	16	204	34	254	47	811	40	898	64	244	34	342
% App. Total	2.5	85	12.5		6.3	80.3	13.4		5.2	90.3	4.5		18.7	71.3	9.9	
PHF	.583	.915	.795	.897	.800	.962	.708	.977	.904	.984	1.000	.980	.800	.871	.850	.919

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Groups Printed- Passenger Vehicles

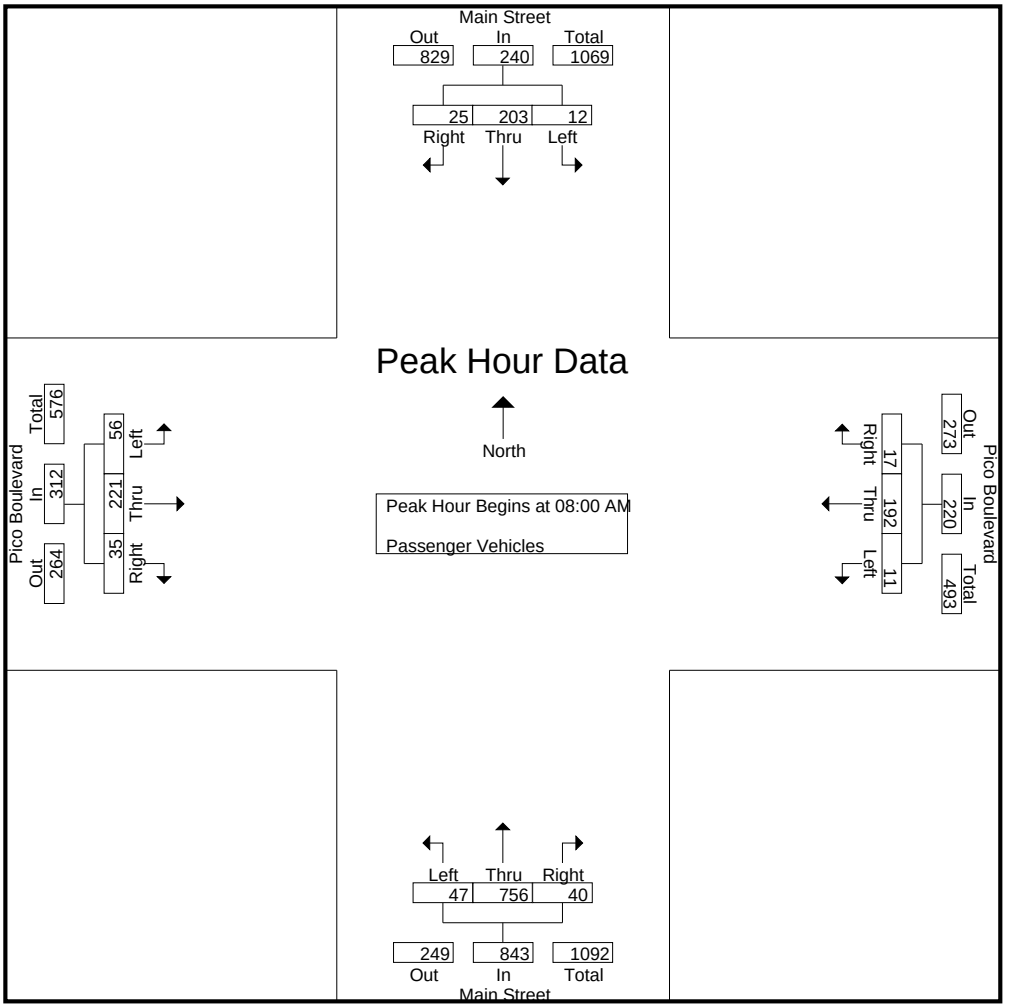
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	41	6	48	1	50	3	54	17	146	1	164	6	13	8	27	293
07:15 AM	4	41	8	53	0	52	3	55	10	177	4	191	9	39	7	55	354
07:30 AM	2	56	10	68	2	39	0	41	16	174	9	199	11	36	3	50	358
07:45 AM	1	44	5	50	2	51	5	58	12	161	10	183	20	62	9	91	382
Total	8	182	29	219	5	192	11	208	55	658	24	737	46	150	27	223	1387
08:00 AM	3	52	9	64	4	56	4	64	13	194	10	217	13	69	10	92	437
08:15 AM	1	53	3	57	4	57	5	66	12	189	10	211	16	57	9	82	416
08:30 AM	3	48	5	56	1	33	3	37	12	182	10	204	13	49	6	68	365
08:45 AM	5	50	8	63	2	46	5	53	10	191	10	211	14	46	10	70	397
Total	12	203	25	240	11	192	17	220	47	756	40	843	56	221	35	312	1615
09:00 AM	5	44	11	60	4	52	5	61	8	175	21	204	15	46	7	68	393
09:15 AM	3	53	5	61	4	50	5	59	8	167	16	191	6	36	9	51	362
09:30 AM	3	54	9	66	5	42	10	57	11	179	16	206	16	45	5	66	395
09:45 AM	2	49	12	63	2	48	12	62	13	162	15	190	13	36	7	56	371
Total	13	200	37	250	15	192	32	239	40	683	68	791	50	163	28	241	1521
Grand Total	33	585	91	709	31	576	60	667	142	2097	132	2371	152	534	90	776	4523
Apprch %	4.7	82.5	12.8		4.6	86.4	9		6	88.4	5.6		19.6	68.8	11.6		
Total %	0.7	12.9	2	15.7	0.7	12.7	1.3	14.7	3.1	46.4	2.9	52.4	3.4	11.8	2	17.2	

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	3	52	**9**	**64**	**4**	56	4	64	**13**	**194**	**10**	**217**	13	**69**	**10**	**92**	**437**
08:15 AM	1	**53**	3	57	4	**57**	**5**	**66**	12	189	10	211	**16**	57	9	82	416
08:30 AM	3	48	5	56	1	33	3	37	12	182	10	204	13	49	6	68	365
08:45 AM	**5**	50	8	63	2	46	5	53	10	191	10	211	14	46	10	70	397
Total Volume	12	203	25	240	11	192	17	220	47	756	40	843	56	221	35	312	1615
% App. Total	5	84.6	10.4		5	87.3	7.7		5.6	89.7	4.7		17.9	70.8	11.2		
PHF	.600	.958	.694	.938	.688	.842	.850	.833	.904	.974	1.00	.971	.875	.801	.875	.848	.924

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Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	3	52	**9**	**64**	**4**	56	4	64	**13**	**194**	**10**	**217**	13	**69**	**10**	**92**
+15 mins.	1	**53**	3	57	4	**57**	**5**	**66**	12	189	10	211	**16**	57	9	82
+30 mins.	3	48	5	56	1	33	3	37	12	182	10	204	13	49	6	68
+45 mins.	**5**	50	8	63	2	46	5	53	10	191	10	211	14	46	10	70
Total Volume	12	203	25	240	11	192	17	220	47	756	40	843	56	221	35	312
% App. Total	5	84.6	10.4		5	87.3	7.7		5.6	89.7	4.7		17.9	70.8	11.2	
PHF	.600	.958	.694	.938	.688	.842	.850	.833	.904	.974	1.000	.971	.875	.801	.875	.848

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Site Code : 16619068
Start Date : 1/29/2019
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Groups Printed- Dual Wheeled

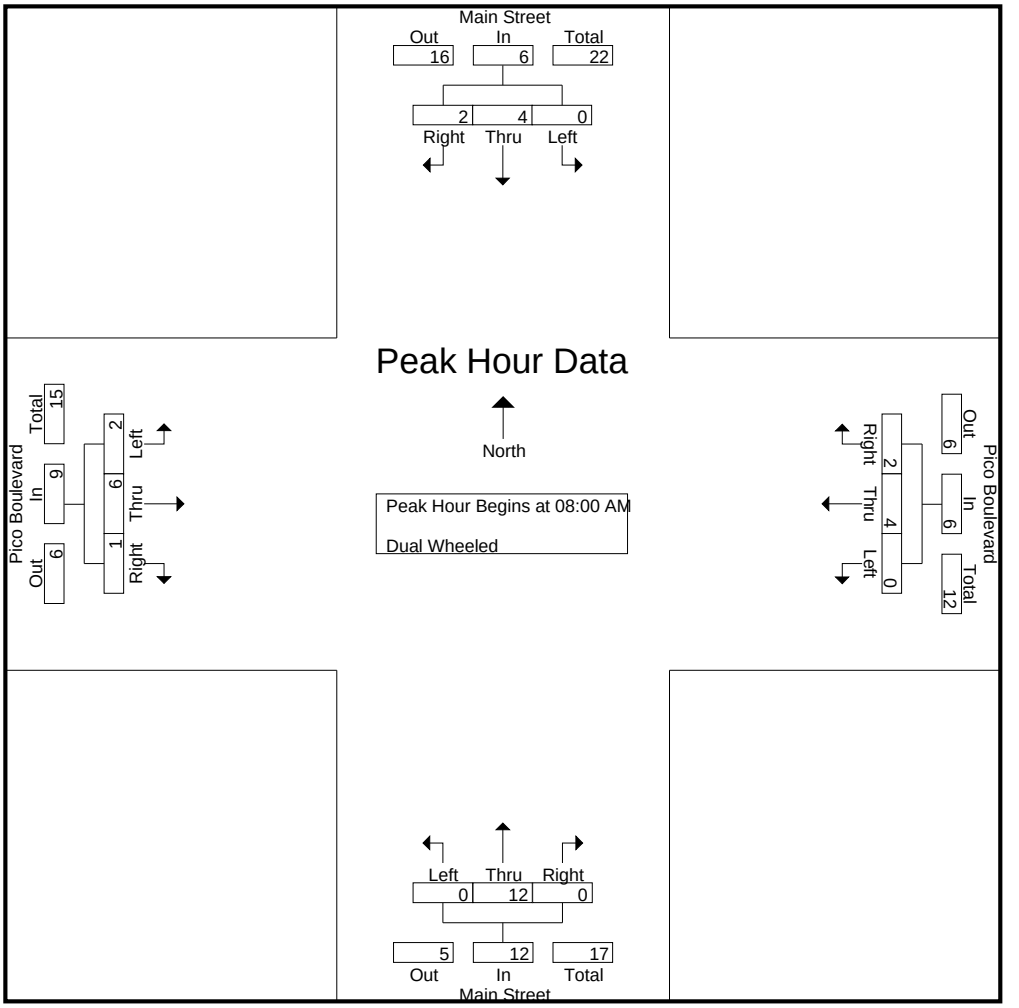
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	2	0	2	0	2	1	3	0	0	0	0	5
07:15 AM	0	1	0	1	0	1	2	3	1	2	0	3	0	1	0	1	8
07:30 AM	0	2	0	2	0	0	0	0	0	5	1	6	1	0	0	1	9
07:45 AM	0	0	0	0	0	2	0	2	0	1	0	1	0	2	0	2	5
Total	0	3	0	3	0	5	2	7	1	10	2	13	1	3	0	4	27
08:00 AM	0	0	1	1	0	1	0	1	0	5	0	5	0	1	0	1	8
08:15 AM	0	4	0	4	0	1	0	1	0	2	0	2	0	1	0	1	8
08:30 AM	0	0	1	1	0	1	1	2	0	2	0	2	2	3	0	5	10
08:45 AM	0	0	0	0	0	1	1	2	0	3	0	3	0	1	1	2	7
Total	0	4	2	6	0	4	2	6	0	12	0	12	2	6	1	9	33
09:00 AM	0	0	0	0	0	0	1	1	0	5	1	6	0	1	0	1	8
09:15 AM	0	2	0	2	1	2	0	3	0	1	0	1	0	0	1	1	7
09:30 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	1	0	1	4
09:45 AM	0	2	0	2	0	3	0	3	0	7	1	8	0	2	0	2	15
Total	0	4	0	4	1	8	1	10	0	13	2	15	0	4	1	5	34
Grand Total	0	11	2	13	1	17	5	23	1	35	4	40	3	13	2	18	94
Apprch %	0	84.6	15.4		4.3	73.9	21.7		2.5	87.5	10		16.7	72.2	11.1		
Total %	0	11.7	2.1	13.8	1.1	18.1	5.3	24.5	1.1	37.2	4.3	42.6	3.2	13.8	2.1	19.1	

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	0	**1**	1	0	**1**	0	1	0	**5**	0	**5**	0	1	0	1	8
08:15 AM	0	**4**	0	**4**	0	1	0	1	0	2	0	2	0	1	0	1	8
08:30 AM	0	0	1	1	0	1	**1**	**2**	0	2	0	2	**2**	**3**	0	**5**	**10**
08:45 AM	0	0	0	0	0	1	1	2	0	3	0	3	0	1	**1**	2	7
Total Volume	0	4	2	6	0	4	2	6	0	12	0	12	2	6	1	9	33
% App. Total	0	66.7	33.3		0	66.7	33.3		0	100	0		22.2	66.7	11.1		
PHF	.000	.250	.500	.375	.000	1.00	.500	.750	.000	.600	.000	.600	.250	.500	.250	.450	.825

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N/S: Main Street
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Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	0	**1**	1	0	**1**	0	1	0	**5**	0	**5**	0	1	0	1
+15 mins.	0	**4**	0	**4**	0	1	0	1	0	2	0	2	0	1	0	1
+30 mins.	0	0	1	1	0	1	**1**	**2**	0	2	0	2	**2**	**3**	0	**5**
+45 mins.	0	0	0	0	0	1	1	2	0	3	0	3	0	1	**1**	2
Total Volume	0	4	2	6	0	4	2	6	0	12	0	12	2	6	1	9
% App. Total	0	66.7	33.3		0	66.7	33.3		0	100	0		22.2	66.7	11.1	
PHF	.000	.250	.500	.375	.000	1.000	.500	.750	.000	.600	.000	.600	.250	.500	.250	.450

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Groups Printed- Buses

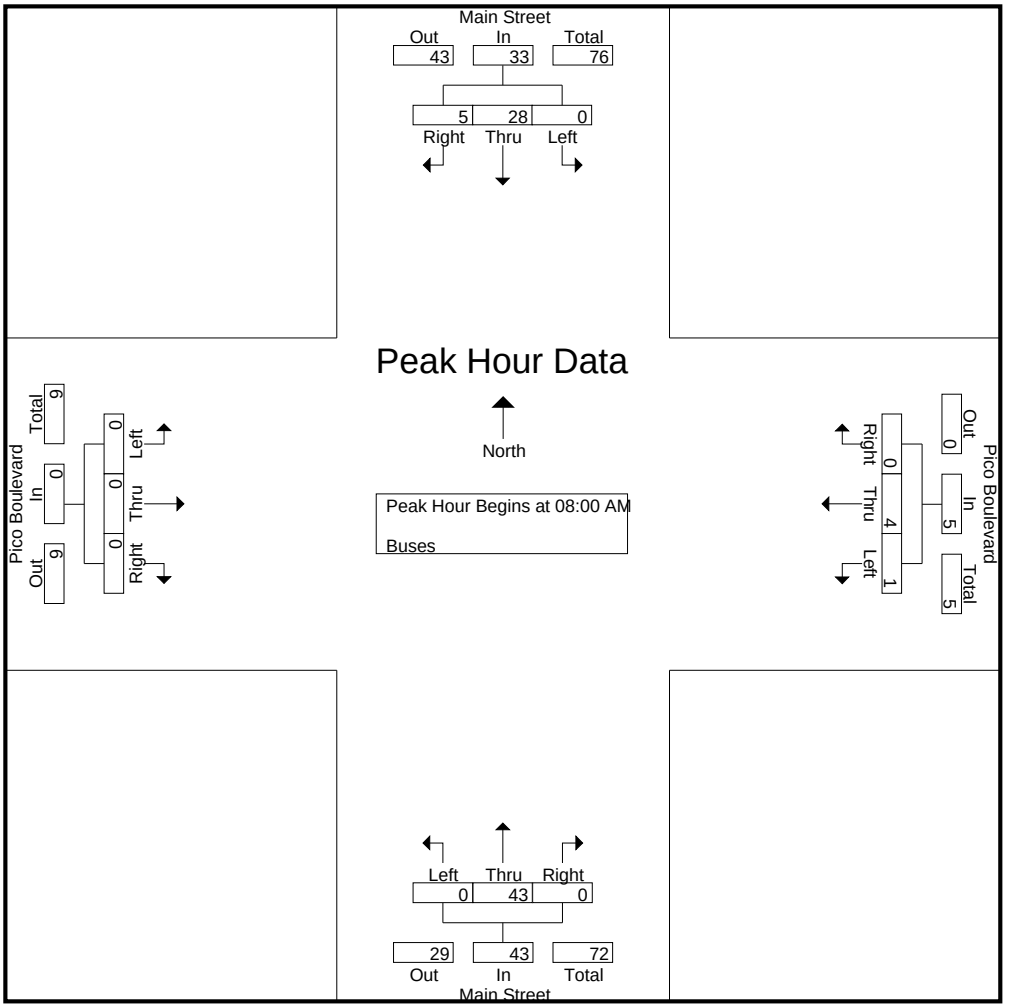
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	6	1	7	0	1	0	1	0	8	0	8	0	0	0	0	16
07:15 AM	0	7	3	10	0	1	0	1	0	4	0	4	0	0	0	0	15
07:30 AM	0	7	1	8	0	1	0	1	1	5	0	6	0	0	0	0	15
07:45 AM	0	6	3	9	0	1	0	1	0	9	0	9	0	0	0	0	19
Total	0	26	8	34	0	4	0	4	1	26	0	27	0	0	0	0	65
08:00 AM	0	9	1	10	0	1	0	1	0	7	0	7	0	0	0	0	18
08:15 AM	0	5	2	7	0	0	0	0	0	9	0	9	0	0	0	0	16
08:30 AM	0	5	1	6	0	1	0	1	0	16	0	16	0	0	0	0	23
08:45 AM	0	9	1	10	1	2	0	3	0	11	0	11	0	0	0	0	24
Total	0	28	5	33	1	4	0	5	0	43	0	43	0	0	0	0	81
09:00 AM	0	2	1	3	0	1	0	1	0	12	0	12	1	0	0	1	17
09:15 AM	0	9	1	10	0	1	1	2	0	9	0	9	0	0	0	0	21
09:30 AM	0	4	1	5	0	2	0	2	0	10	0	10	0	0	0	0	17
09:45 AM	0	4	3	7	0	0	0	0	0	8	0	8	0	0	0	0	15
Total	0	19	6	25	0	4	1	5	0	39	0	39	1	0	0	1	70
Grand Total	0	73	19	92	1	12	1	14	1	108	0	109	1	0	0	1	216
Apprch %	0	79.3	20.7		7.1	85.7	7.1		0.9	99.1	0		100	0	0		
Total %	0	33.8	8.8	42.6	0.5	5.6	0.5	6.5	0.5	50	0	50.5	0.5	0	0	0.5	

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	**9**	1	**10**	0	1	0	1	0	7	0	7	0	0	0	0	18
08:15 AM	0	5	**2**	7	0	0	0	0	0	9	0	9	0	0	0	0	16
08:30 AM	0	5	1	6	0	1	0	1	0	**16**	0	**16**	0	0	0	0	23
08:45 AM	0	9	1	10	**1**	**2**	0	**3**	0	11	0	11	0	0	0	0	**24**
Total Volume	0	28	5	33	1	4	0	5	0	43	0	43	0	0	0	0	81
% App. Total	0	84.8	15.2		20	80	0		0	100	0		0	0	0		
PHF	.000	.778	.625	.825	.250	.500	.000	.417	.000	.672	.000	.672	.000	.000	.000	.000	.844

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Weather: Clear

File Name : 07_LAC_Main_Pico AM
Site Code : 16619068
Start Date : 1/29/2019
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Peak Hour Analysis From 08:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	08:00 AM				08:00 AM				08:00 AM				08:00 AM			
+0 mins.	0	**9**	1	**10**	0	1	0	1	0	7	0	7	0	0	0	0
+15 mins.	0	5	**2**	7	0	0	0	0	0	9	0	9	0	0	0	0
+30 mins.	0	5	1	6	0	1	0	1	0	**16**	0	**16**	0	0	0	0
+45 mins.	0	9	1	10	**1**	**2**	0	**3**	0	11	0	11	0	0	0	0
Total Volume	0	28	5	33	1	4	0	5	0	43	0	43	0	0	0	0
% App. Total	0	84.8	15.2		20	80	0		0	100	0		0	0	0	
PHF	.000	.778	.625	.825	.250	.500	.000	.417	.000	.672	.000	.672	.000	.000	.000	.000

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City of Los Angeles
N/S: Main Street
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Weather: Clear

File Name : 07_LAC_Main_Pico PM
Site Code : 16619068
Start Date : 1/29/2019

Groups Printed- Passenger Vehicles - Dual Wheeled - Buses

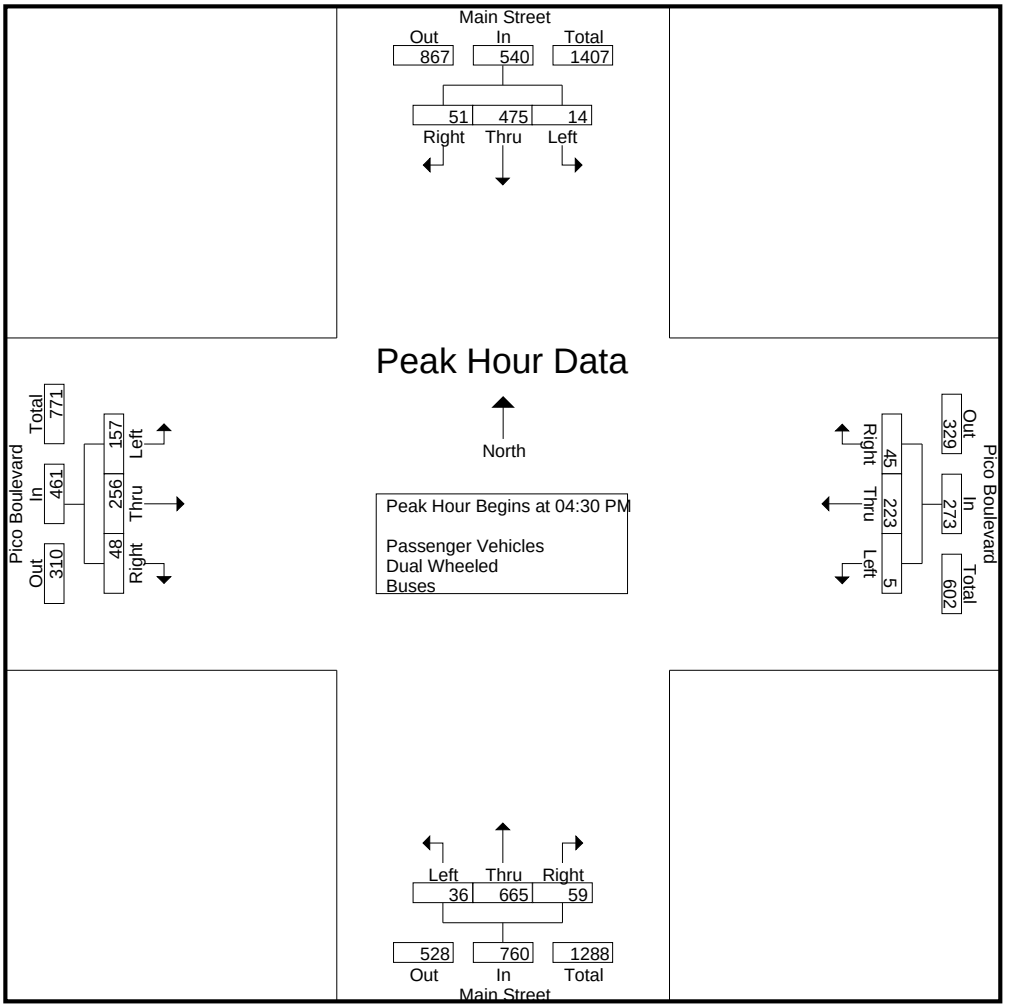
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	6	104	13	123	4	44	10	58	8	110	10	128	23	51	17	91	400
03:15 PM	5	103	10	118	3	32	11	46	4	131	13	148	33	55	11	99	411
03:30 PM	5	86	13	104	5	57	11	73	4	166	12	182	35	70	12	117	476
03:45 PM	4	89	10	103	3	39	14	56	6	153	17	176	36	56	13	105	440
Total	20	382	46	448	15	172	46	233	22	560	52	634	127	232	53	412	1727
04:00 PM	0	111	12	123	4	55	17	76	11	159	11	181	35	52	12	99	479
04:15 PM	1	85	9	95	4	48	8	60	11	137	8	156	53	78	17	148	459
04:30 PM	3	125	14	142	0	40	7	47	9	162	20	191	42	60	15	117	497
04:45 PM	1	127	7	135	2	50	7	59	10	168	14	192	51	68	8	127	513
Total	5	448	42	495	10	193	39	242	41	626	53	720	181	258	52	491	1948
05:00 PM	4	97	11	112	0	62	14	76	7	179	15	201	42	54	16	112	501
05:15 PM	6	126	19	151	3	71	17	91	10	156	10	176	22	74	9	105	523
05:30 PM	4	99	24	127	2	79	10	91	16	130	5	151	20	55	9	84	453
05:45 PM	5	102	10	117	2	71	12	85	12	134	7	153	24	57	7	88	443
Total	19	424	64	507	7	283	53	343	45	599	37	681	108	240	41	389	1920
Grand Total	44	1254	152	1450	32	648	138	818	108	1785	142	2035	416	730	146	1292	5595
Apprch %	3	86.5	10.5		3.9	79.2	16.9		5.3	87.7	7		32.2	56.5	11.3		
Total %	0.8	22.4	2.7	25.9	0.6	11.6	2.5	14.6	1.9	31.9	2.5	36.4	7.4	13	2.6	23.1	
Passenger Vehicles	43	1165	124	1332	31	636	136	803	107	1673	134	1914	402	699	143	1244	5293
% Passenger Vehicles	97.7	92.9	81.6	91.9	96.9	98.1	98.6	98.2	99.1	93.7	94.4	94.1	96.6	95.8	97.9	96.3	94.6
Dual Wheeled	1	15	4	20	1	12	2	15	1	23	7	31	11	21	3	35	101
% Dual Wheeled	2.3	1.2	2.6	1.4	3.1	1.9	1.4	1.8	0.9	1.3	4.9	1.5	2.6	2.9	2.1	2.7	1.8
Buses	0	74	24	98	0	0	0	0	0	89	1	90	3	10	0	13	201
% Buses	0	5.9	15.8	6.8	0	0	0	0	0	5	0.7	4.4	0.7	1.4	0	1	3.6

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	3	125	14	142	0	40	7	47	9	162	**20**	191	42	60	15	117	497
04:45 PM	1	**127**	7	135	2	50	7	59	**10**	168	14	192	**51**	68	8	**127**	513
05:00 PM	4	97	11	112	0	62	14	76	7	**179**	15	**201**	42	54	**16**	112	501
05:15 PM	**6**	126	**19**	**151**	**3**	**71**	**17**	**91**	10	156	10	176	22	**74**	9	105	**523**
Total Volume	14	475	51	540	5	223	45	273	36	665	59	760	157	256	48	461	2034
% App. Total	2.6	88	9.4		1.8	81.7	16.5		4.7	87.5	7.8		34.1	55.5	10.4		
PHF	.583	.935	.671	.894	.417	.785	.662	.750	.900	.929	.738	.945	.770	.865	.750	.907	.972

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Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				05:00 PM				04:30 PM				04:15 PM			
+0 mins.	3	125	14	142	0	62	14	76	9	162	**20**	191	**53**	**78**	**17**	**148**
+15 mins.	1	**127**	7	135	**3**	71	**17**	**91**	**10**	168	14	192	42	60	15	117
+30 mins.	4	97	11	112	2	**79**	10	91	7	**179**	15	**201**	51	68	8	127
+45 mins.	**6**	126	**19**	**151**	2	71	12	85	10	156	10	176	42	54	16	112
Total Volume	14	475	51	540	7	283	53	343	36	665	59	760	188	260	56	504
% App. Total	2.6	88	9.4		2	82.5	15.5		4.7	87.5	7.8		37.3	51.6	11.1	
PHF	.583	.935	.671	.894	.583	.896	.779	.942	.900	.929	.738	.945	.887	.833	.824	.851

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Groups Printed- Passenger Vehicles

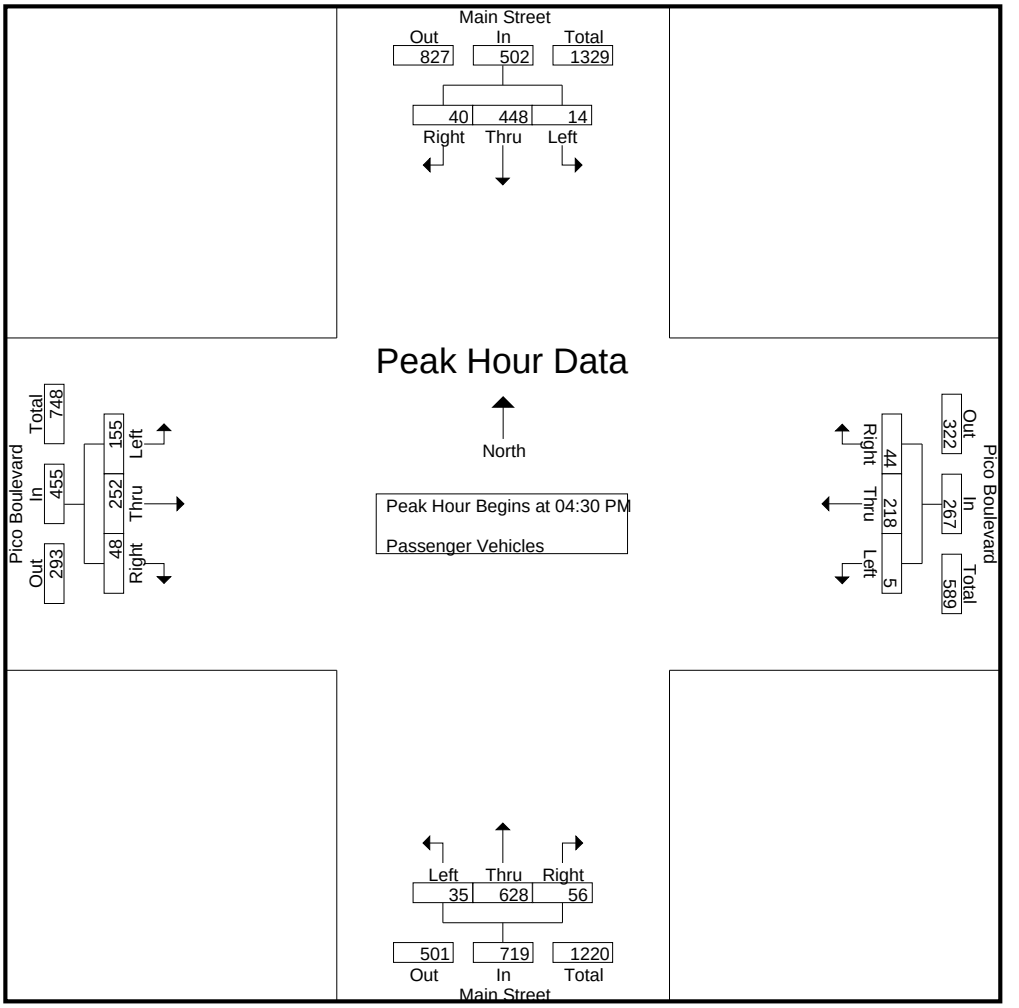
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	6	96	11	113	4	44	9	57	8	105	9	122	23	50	16	89	381
03:15 PM	4	93	7	104	3	32	11	46	4	115	13	132	32	49	11	92	374
03:30 PM	5	76	11	92	5	57	11	73	4	161	11	176	33	66	11	110	451
03:45 PM	4	83	8	95	3	38	14	55	6	147	15	168	31	52	12	95	413
Total	19	348	37	404	15	171	45	231	22	528	48	598	119	217	50	386	1619
04:00 PM	0	104	10	114	4	52	17	73	11	147	10	168	33	49	12	94	449
04:15 PM	1	78	7	86	4	45	8	57	11	129	8	148	53	74	17	144	435
04:30 PM	3	118	10	131	0	38	6	44	8	155	18	181	41	60	15	116	472
04:45 PM	1	121	5	127	2	48	7	57	10	159	14	183	50	65	8	123	490
Total	5	421	32	458	10	183	38	231	40	590	50	680	177	248	52	477	1846
05:00 PM	4	89	8	101	0	61	14	75	7	170	14	191	42	53	16	111	478
05:15 PM	6	120	17	143	3	71	17	91	10	144	10	164	22	74	9	105	503
05:30 PM	4	90	21	115	1	79	10	90	16	117	5	138	20	51	9	80	423
05:45 PM	5	97	9	111	2	71	12	85	12	124	7	143	22	56	7	85	424
Total	19	396	55	470	6	282	53	341	45	555	36	636	106	234	41	381	1828
Grand Total	43	1165	124	1332	31	636	136	803	107	1673	134	1914	402	699	143	1244	5293
Apprch %	3.2	87.5	9.3		3.9	79.2	16.9		5.6	87.4	7		32.3	56.2	11.5		
Total %	0.8	22	2.3	25.2	0.6	12	2.6	15.2	2	31.6	2.5	36.2	7.6	13.2	2.7	23.5	

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	3	118	10	131	0	38	6	44	8	155	**18**	181	41	60	15	116	472
04:45 PM	1	**121**	5	127	2	48	7	57	**10**	159	14	183	**50**	65	8	**123**	490
05:00 PM	4	89	8	101	0	61	14	75	7	**170**	14	**191**	42	53	**16**	111	478
05:15 PM	**6**	120	**17**	**143**	**3**	**71**	**17**	**91**	10	144	10	164	22	**74**	9	105	**503**
Total Volume	14	448	40	502	5	218	44	267	35	628	56	719	155	252	48	455	1943
% App. Total	2.8	89.2	8		1.9	81.6	16.5		4.9	87.3	7.8		34.1	55.4	10.5		
PHF	.583	.926	.588	.878	.417	.768	.647	.734	.875	.924	.778	.941	.775	.851	.750	.925	.966

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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	3	118	10	131	0	38	6	44	8	155	**18**	181	41	60	15	116
+15 mins.	1	**121**	5	127	2	48	7	57	**10**	159	14	183	**50**	65	8	**123**
+30 mins.	4	89	8	101	0	61	14	75	7	**170**	14	**191**	42	53	**16**	111
+45 mins.	**6**	120	**17**	**143**	**3**	**71**	**17**	**91**	10	144	10	164	22	**74**	9	105
Total Volume	14	448	40	502	5	218	44	267	35	628	56	719	155	252	48	455
% App. Total	2.8	89.2	8		1.9	81.6	16.5		4.9	87.3	7.8		34.1	55.4	10.5	
PHF	.583	.926	.588	.878	.417	.768	.647	.734	.875	.924	.778	.941	.775	.851	.750	.925

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Groups Printed- Dual Wheeled

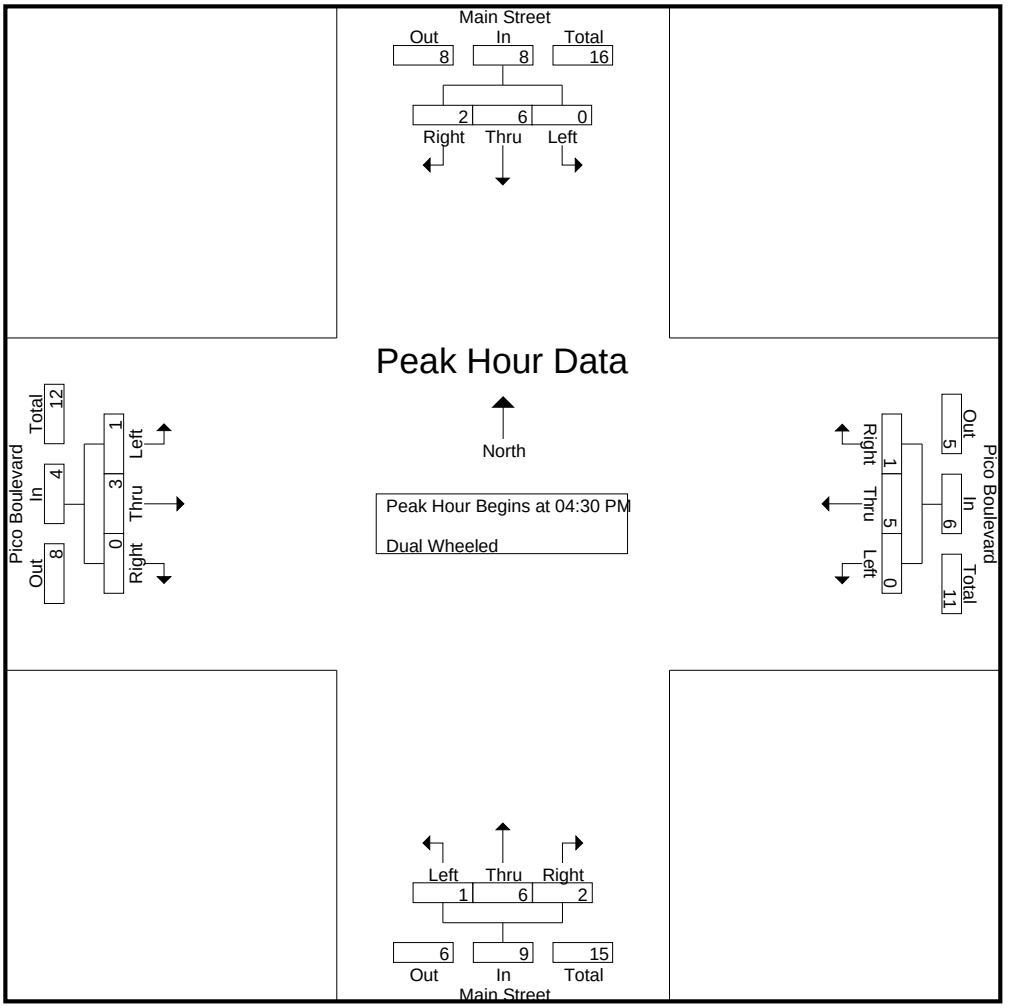
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	1	1	2	0	0	1	1	0	2	1	3	0	1	1	2	8
03:15 PM	1	3	1	5	0	0	0	0	0	4	0	4	1	1	0	2	11
03:30 PM	0	2	0	2	0	0	0	0	0	1	1	2	2	3	1	6	10
03:45 PM	0	0	0	0	0	1	0	1	0	1	2	3	4	2	1	7	11
Total	1	6	2	9	0	1	1	2	0	8	4	12	7	7	3	17	40
04:00 PM	0	0	0	0	0	3	0	3	0	4	1	5	2	3	0	5	13
04:15 PM	0	0	0	0	0	3	0	3	0	1	0	1	0	4	0	4	8
04:30 PM	0	1	1	2	0	2	1	3	1	1	1	3	0	0	0	0	8
04:45 PM	0	3	0	3	0	2	0	2	0	2	0	2	1	2	0	3	10
Total	0	4	1	5	0	10	1	11	1	8	2	11	3	9	0	12	39
05:00 PM	0	1	1	2	0	1	0	1	0	0	1	1	0	1	0	1	5
05:15 PM	0	1	0	1	0	0	0	0	0	3	0	3	0	0	0	0	4
05:30 PM	0	1	0	1	1	0	0	1	0	2	0	2	0	3	0	3	7
05:45 PM	0	2	0	2	0	0	0	0	0	2	0	2	1	1	0	2	6
Total	0	5	1	6	1	1	0	2	0	7	1	8	1	5	0	6	22
Grand Total	1	15	4	20	1	12	2	15	1	23	7	31	11	21	3	35	101
Apprch %	5	75	20		6.7	80	13.3		3.2	74.2	22.6		31.4	60	8.6		
Total %	1	14.9	4	19.8	1	11.9	2	14.9	1	22.8	6.9	30.7	10.9	20.8	3	34.7	

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	1	**1**	2	0	**2**	**1**	**3**	**1**	1	**1**	**3**	0	0	0	0	8
04:45 PM	0	**3**	0	**3**	0	2	0	2	0	2	0	2	**1**	**2**	0	**3**	**10**
05:00 PM	0	1	1	2	0	1	0	1	0	0	1	1	0	1	0	1	5
05:15 PM	0	1	0	1	0	0	0	0	0	**3**	0	3	0	0	0	0	4
Total Volume	0	6	2	8	0	5	1	6	1	6	2	9	1	3	0	4	27
% App. Total	0	75	25		0	83.3	16.7		11.1	66.7	22.2		25	75	0		
PHF	.000	.500	.500	.667	.000	.625	.250	.500	.250	.500	.500	.750	.250	.375	.000	.333	.675

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Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	1	**1**	2	0	**2**	**1**	**3**	**1**	1	**1**	**3**	0	0	0	0
+15 mins.	0	**3**	0	**3**	0	2	0	2	0	2	0	2	**1**	**2**	0	**3**
+30 mins.	0	1	1	2	0	1	0	1	0	0	1	1	0	1	0	1
+45 mins.	0	1	0	1	0	0	0	0	0	**3**	0	3	0	0	0	0
Total Volume	0	6	2	8	0	5	1	6	1	6	2	9	1	3	0	4
% App. Total	0	75	25		0	83.3	16.7		11.1	66.7	22.2		25	75	0	
PHF	.000	.500	.500	.667	.000	.625	.250	.500	.250	.500	.500	.750	.250	.375	.000	.333

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Groups Printed- Buses

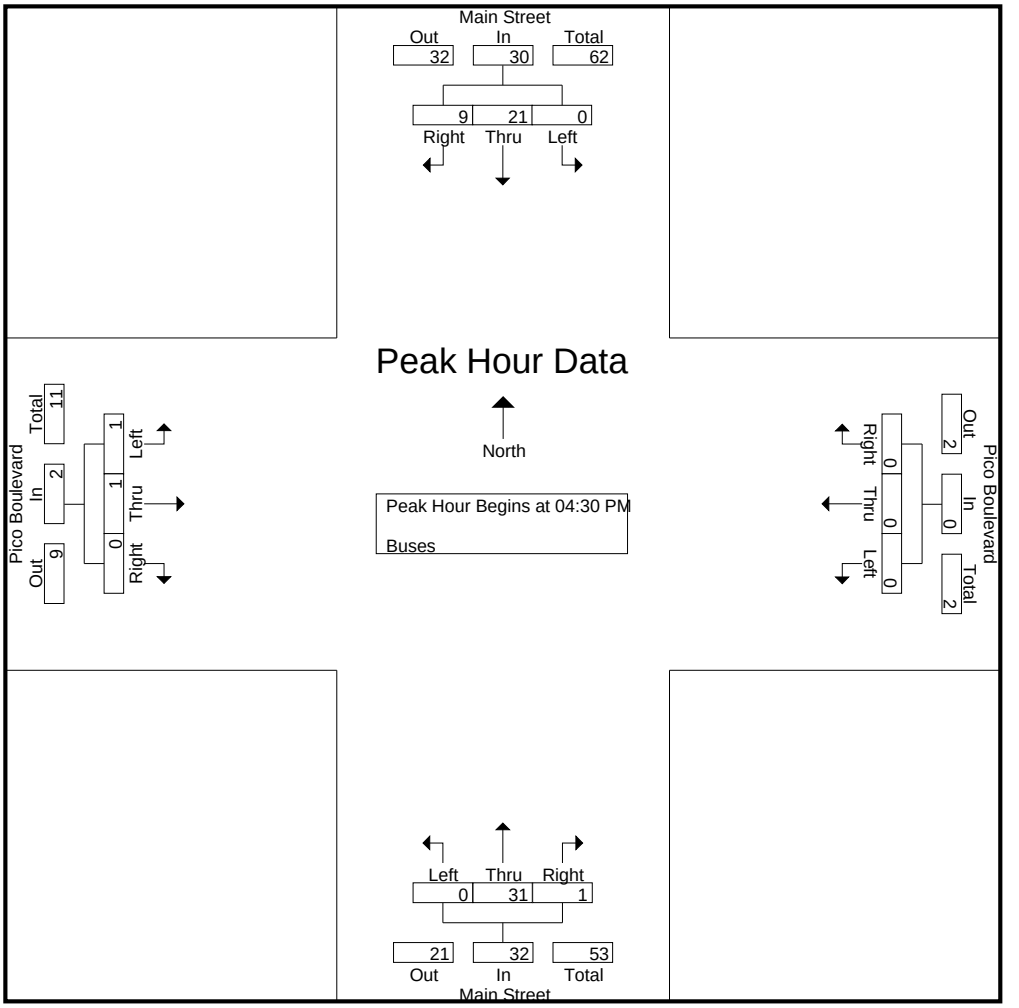
	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:00 PM	0	7	1	8	0	0	0	0	0	3	0	3	0	0	0	0	11
03:15 PM	0	7	2	9	0	0	0	0	0	12	0	12	0	5	0	5	26
03:30 PM	0	8	2	10	0	0	0	0	0	4	0	4	0	1	0	1	15
03:45 PM	0	6	2	8	0	0	0	0	0	5	0	5	1	2	0	3	16
Total	0	28	7	35	0	0	0	0	0	24	0	24	1	8	0	9	68
04:00 PM	0	7	2	9	0	0	0	0	0	8	0	8	0	0	0	0	17
04:15 PM	0	7	2	9	0	0	0	0	0	7	0	7	0	0	0	0	16
04:30 PM	0	6	3	9	0	0	0	0	0	6	1	7	1	0	0	1	17
04:45 PM	0	3	2	5	0	0	0	0	0	7	0	7	0	1	0	1	13
Total	0	23	9	32	0	0	0	0	0	28	1	29	1	1	0	2	63
05:00 PM	0	7	2	9	0	0	0	0	0	9	0	9	0	0	0	0	18
05:15 PM	0	5	2	7	0	0	0	0	0	9	0	9	0	0	0	0	16
05:30 PM	0	8	3	11	0	0	0	0	0	11	0	11	0	1	0	1	23
05:45 PM	0	3	1	4	0	0	0	0	0	8	0	8	1	0	0	1	13
Total	0	23	8	31	0	0	0	0	0	37	0	37	1	1	0	2	70
Grand Total	0	74	24	98	0	0	0	0	0	89	1	90	3	10	0	13	201
Apprch %	0	75.5	24.5		0	0	0		0	98.9	1.1		23.1	76.9	0		
Total %	0	36.8	11.9	48.8	0	0	0	0	0	44.3	0.5	44.8	1.5	5	0	6.5	

	Main Street Southbound				Pico Boulevard Westbound				Main Street Northbound				Pico Boulevard Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	6	**3**	**9**	0	0	0	0	0	6	**1**	7	**1**	0	0	**1**	17
04:45 PM	0	3	2	5	0	0	0	0	0	7	0	7	0	**1**	0	1	13
05:00 PM	0	**7**	2	9	0	0	0	0	0	**9**	0	**9**	0	0	0	0	**18**
05:15 PM	0	5	2	7	0	0	0	0	0	9	0	9	0	0	0	0	16
Total Volume	0	21	9	30	0	0	0	0	0	31	1	32	1	1	0	2	64
% App. Total	0	70	30		0	0	0		0	96.9	3.1		50	50	0		
PHF	.000	.750	.750	.833	.000	.000	.000	.000	.000	.861	.250	.889	.250	.250	.000	.500	.889

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Los Angeles
N/S: Main Street
E/W: Pico Boulevard
Weather: Clear

File Name : 07_LAC_Main_Pico PM
Site Code : 16619068
Start Date : 1/29/2019
Page No : 2



Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM				04:30 PM				04:30 PM				04:30 PM			
+0 mins.	0	6	**3**	**9**	0	0	0	0	0	6	**1**	7	**1**	0	0	**1**
+15 mins.	0	3	2	5	0	0	0	0	0	7	0	7	0	**1**	0	1
+30 mins.	0	**7**	2	9	0	0	0	0	0	**9**	0	**9**	0	0	0	0
+45 mins.	0	5	2	7	0	0	0	0	0	9	0	9	0	0	0	0
Total Volume	0	21	9	30	0	0	0	0	0	31	1	32	1	1	0	2
% App. Total	0	70	30		0	0	0		0	96.9	3.1		50	50	0	
PHF	.000	.750	.750	.833	.000	.000	.000	.000	.000	.861	.250	.889	.250	.250	.000	.500

City Of Los Angeles
Department Of Transportation
MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South Main Street

East/West Pico Boulevard

Day: Wednesday **Date:** January 29, 2019 **Weather:** CLEAR

Hours: 7-10AM 3-6PM **Staff:** CUI

School Day: YES **District:** Central I/S CODE 8800

	N/B	S/B	E/B	W/B
DUAL-WHEELED	71	33	53	38
BIKES	92	91	60	68
BUSES	199	190	14	14

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	229	8.00	78	7.30	93	7.45	67	8.15
PM PK 15 MIN	201	5.00	151	5.15	148	4.15	91	5.15
AM PK HOUR	898	8.00	280	7.30	342	7.45	254	9.00
PM PK HOUR	760	4.30	540	4.30	504	4.15	343	5.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	57	694	26	777
8-9	47	811	40	898
9-10	40	735	70	845
3-4	22	560	52	634
4-5	41	626	53	720
5-6	45	599	37	681
TOTAL	252	4025	278	4555

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	8	211	37	256
8-9	12	235	32	279
9-10	13	223	43	279
3-4	20	382	46	448
4-5	5	448	42	495
5-6	19	424	64	507
TOTAL	77	1923	264	2264

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
1033	53	1	116	0
1177	62	0	117	2
1124	61	0	53	1
1082	70	3	44	3
1215	71	1	48	1
1188	85	0	137	0
6819	402	5	515	7

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	47	153	27	227
8-9	58	227	36	321
9-10	51	167	29	247
3-4	127	232	53	412
4-5	181	258	52	491
5-6	108	240	41	389
TOTAL	572	1277	238	2087

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	5	201	13	219
8-9	12	200	19	231
9-10	16	204	34	254
3-4	15	172	46	233
4-5	10	193	39	242
5-6	7	283	53	343
TOTAL	65	1253	204	1522

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
446	40	1	78	3
552	43	0	76	2
501	18	0	58	0
645	23	0	88	7
733	24	1	58	3
732	22	0	88	0
3609	170	2	446	15

(Rev Oct 06)

City of Los Angeles
Department of Transportation

BICYCLE COUNT SUMMARY

STREET:

North/South:	Main Street				
East/West:	Pico Boulevard				
Day:	Wednesday	Date:	1/29/2019	Weather:	CLEAR
School Day:	Yes	District:	Central	I/S Code:	8800
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	10	1	11
8-9	1	9	4	14
9-10	0	8	7	15
3-4	2	13	2	17
4-5	2	13	4	19
5-6	1	13	2	16
TOTAL	6	66	20	92

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	13	1	15
8-9	4	8	3	15
9-10	3	10	2	15
3-4	6	11	4	21
4-5	3	11	0	14
5-6	2	8	1	11
TOTAL	19	61	11	91

TOTAL

N-S
26
29
30
38
33
27
183

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	10	3	14
8-9	1	17	1	19
9-10	3	6	0	9
3-4	2	3	0	5
4-5	1	4	0	5
5-6	2	6	0	8
TOTAL	10	46	4	60

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1	1	2
8-9	0	2	0	2
9-10	1	4	1	6
3-4	8	5	2	15
4-5	1	11	2	14
5-6	4	23	2	29
TOTAL	14	46	8	68

TOTAL

E-W
16
21
15
20
19
37
128

REMARKS (6 hour total):

	NB	SB	EB	WB	TOTAL
- Female Riders	7	6	3	2	18
- No helmet riders	68	65	55	50	238
- Sidewalk Riding	48	40	38	29	155
- Wrong way riding	27	35	11	22	95

NB: Northbound, **SB**: Southbound, **EB**: Eastbound, **WB**: Westbound, **I/S**: Intersection

Source: CUI

LADOT 2015 CMP

City of Los Angeles
Department of Transportation

PEDESTRIAN COUNT SUMMARY

STREET:					
North/South:	Main Street				
East/West:	Pico Boulevard				
Day:	Wednesday	Date:	January 29, 2019	Weather:	CLEAR
School Day:	YES	District:	Central	I/S Code:	8800
Hours:	7-10 AM, 3-6 PM	Staff:	CUI		

AM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
7:00-7:15	23	10	14	9	56
7:15-7:30	31	19	22	16	88
7:30-7:45	26	7	19	3	55
7:45-8:00	36	18	26	13	93
8:00-8:15	48	15	23	6	92
8:15-8:30	24	12	23	11	70
8:30-8:45	23	17	14	17	71
8:45-9:00	24	18	18	9	69
9:00-9:15	17	17	13	2	49
9:15-9:30	12	20	15	2	49
9:30-9:45	8	8	14	6	36
9:45-10:00	17	16	16	8	57
Hours					
7 - 8	116	54	81	41	292
8 - 9	119	62	78	43	302
9 - 10	54	61	58	18	191
TOTAL	289	177	217	102	785

PM PEAK PERIOD

15 Min. Interval	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
3:00-3:15	7	48	38	8	101
3:15-3:30	12	28	54	14	108
3:30-3:45	13	22	30	10	75
3:45-4:00	15	42	54	14	125
4:00-4:15	9	26	18	18	71
4:15-4:30	11	44	26	10	91
4:30-4:45	14	40	42	4	100
4:45-5:00	15	32	30	16	93
5:00-5:15	39	64	60	16	179
5:15-5:30	30	38	34	10	112
5:30-5:45	29	16	22	6	73
5:45-6:00	39	52	60	12	163
Hours					
3 - 4	47	140	176	46	409
4 - 5	49	142	116	48	355
5 - 6	137	170	176	44	527
	233	452	468	138	1291

REMARKS (6 hour total):

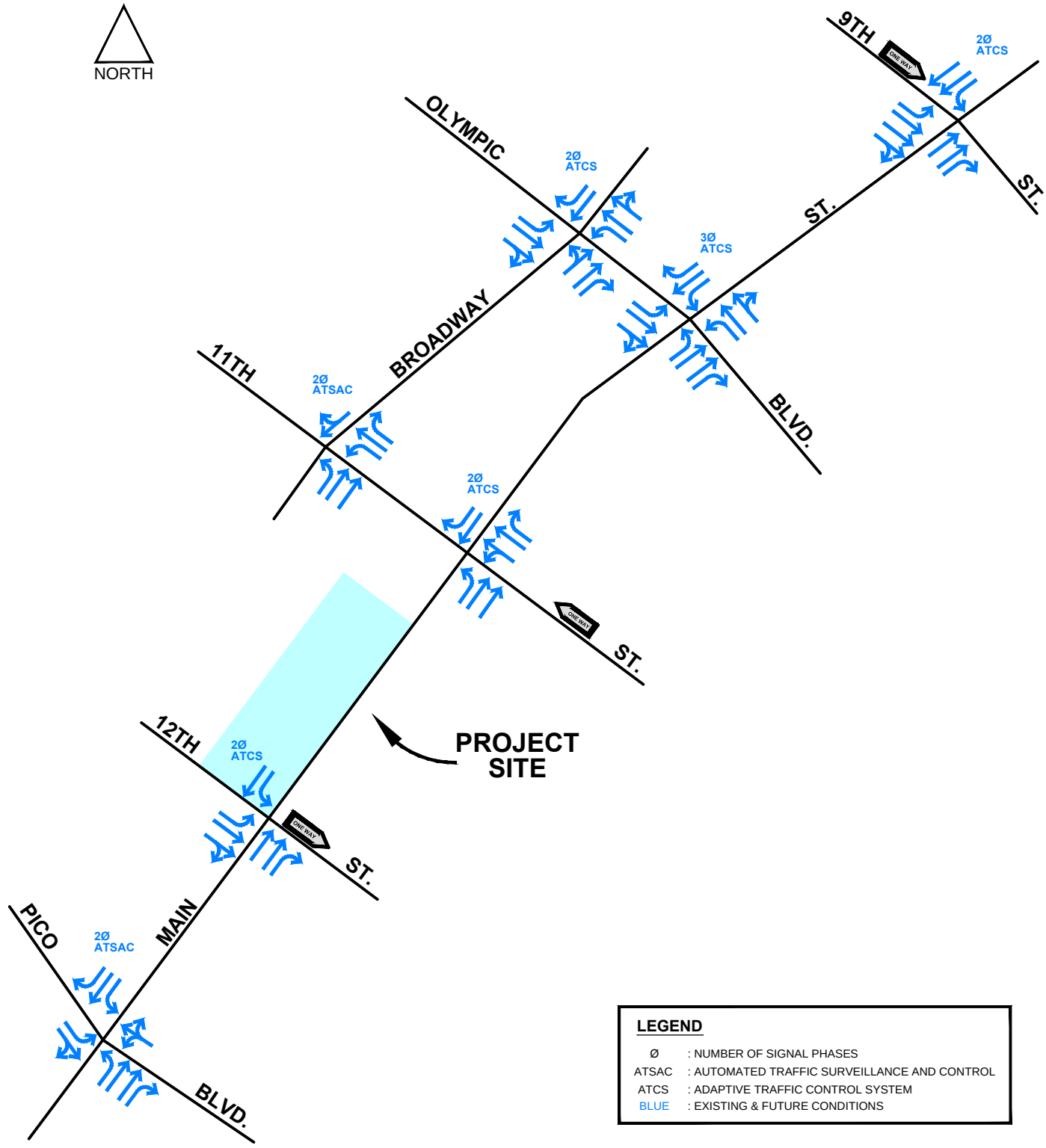
	N-LEG	S-LEG	E-LEG	W-LEG	TOTAL
- Wheelchair/special needs assistance	0	4	0	0	4
- Skateboard/scooter	1	7	12	8	28

N: North, **S**: South, **E**: East, **W**: West, **I/S**: Intersection

Source: LADOT 2015 CMP

APPENDIX C

STUDY INTERSECTION GEOMETRICS AND TRAFFIC CONTROL CONDITIONS



APPENDIX C

6/3/2019

FN: MainStreetTower\LANE-CONFIG

STUDY INTERSECTION GEOMETRICS
AND TRAFFIC CONTROL CONDITIONS

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
300 Corporate Pointe, Suite 470
Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
www.crainandassociates.com

APPENDIX D

CMA LOS CALCULATION WORKSHEETS

Level of Service Worksheet
(Circular 212 Method)

I/S #:	North-South Street:	BROADWAY	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
1	East-West Street:	OLYMPIC BLVD	Projection Year:	2026	Peak Hour:	AM	Reviewed by:	RK	Project:	Main Street Tower

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	53	0	53	0	53	53	48	105	0	105	0	105	0	105				
Left-Through		1							1				1					
Through	530	1	**318**	3	533	**320**	78	646	1	**428**	3	649	1	**430**				
Through-Right		0							0				0					
Right	48	1	29	0	48	29	13	64	1	30	0	64	1	30				
Left-Through-Right		0							0				0					
Left-Right																		
SOUTHBOUND																		
Left	1	0	**1**	0	1	**1**	0	1	0	**1**	0	1	0	**1**				
Left-Through		1							1				1					
Through	197	0	198	1	198	199	52	263	0	264	1	264	0	265				
Through-Right		0							0				0					
Right	106	1	87	0	106	87	14	128	1	97	0	128	1	97				
Left-Through-Right		0							0				0					
Left-Right																		
EASTBOUND																		
Left	38	1	38	0	38	38	21	62	1	62	0	62	1	62				
Left-Through		0							0				0					
Through	703	1	**386**	1	704	**387**	181	935	1	**518**	1	936	1	**519**				
Through-Right		1							1				1					
Right	69	0	69	0	69	69	27	101	0	101	0	101	0	101				
Left-Through-Right		0							0				0					
Left-Right																		
WESTBOUND																		
Left	39	1	**39**	0	39	**39**	26	68	1	**68**	0	68	1	**68**				
Left-Through		0							0				0					
Through	620	1	328	8	628	333	184	849	1	459	8	857	1	463				
Through-Right		1							1				1					
Right	36	0	36	1	37	37	29	68	0	68	1	69	0	69				
Left-Through-Right		0							0				0					
Left-Right																		
CRITICAL VOLUMES	*North-South:*		319	*North-South:*		321	*North-South:*			429	*North-South:*			431	*North-South:*			
	East-West:		425	*East-West:*		426	*East-West:*			586	*East-West:*			587	*East-West:*			
	SUM:		744	*SUM:*		747	*SUM:*			1015	*SUM:*			1018	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:			0.496			0.498				0.677				0.679				
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.396			0.398				0.577				0.579				
LEVEL OF SERVICE (LOS):			A			A				A				A				

	NB--	SB--	EB--	WB--	EXISTING CONDITION	EXISTING PLUS PROJECT	FUTURE CONDITION W/O PROJECT	FUTURE CONDITION W/ PROJECT	FUTURE W/ PROJECT W/ MITIGATION
No. of Phases					2	2	2	2	
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?					0	0	0	0	
Right Turns: FREE-1, NRTOR-2 or OLA-3?	0	0	0	0	0	0	0	0	
ATSAC-1 or ATSAC+ATCS-2?					2	2	2	2	
Override Capacity					0	0	0	0	

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.002 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Worksheet
(Circular 212 Method)

I/S #:	North-South Street:	BROADWAY	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
1	East-West Street:	OLYMPIC BLVD	Projection Year:	2026	Peak Hour:	PM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases			2			2			2			2			2				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--						
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--						
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2							
Override Capacity			0			0			0			0							

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	0	**61**	0	61	**61**	56	121	0	**121**	0	121	0	**121**				
	Left-Through		1							1				1					
	Through	592	1	418	1	593	419	77	712	1	598	1	713	1	599				
	Through-Right		0							0				0					
	Right	135	1	107	0	135	107	17	162	1	119	0	162	1	119				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	6	0	6	0	6	6	0	6	0	6	0	6	0	6				
	Left-Through		1							1				1					
	Through	485	0	**491**	3	488	**494**	64	584	0	**590**	3	587	0	**593**				
	Through-Right		0							0				0					
	Right	115	1	84	0	115	84	32	155	1	110	0	155	1	110				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	62	1	62	0	62	62	24	90	1	90	0	90	1	90				
	Left-Through		0							0				0					
	Through	698	1	**419**	6	704	**422**	235	983	1	**578**	6	989	1	**581**				
	Through-Right		1							1				1					
	Right	139	0	139	0	139	139	24	173	0	173	0	173	0	173				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	56	1	**56**	0	56	**56**	27	87	1	**87**	0	87	1	**87**				
	Left-Through		0							0				0					
	Through	662	1	360	0	662	360	278	988	1	550	0	988	1	550				
	Through-Right		1							1				1					
	Right	58	0	58	0	58	58	49	111	0	111	0	111	0	111				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		552	*North-South:*		555	*North-South:*			711	*North-South:*			714	*North-South:*			
		East-West:		475	*East-West:*		478	*East-West:*			665	*East-West:*			668	*East-West:*			
		SUM:		1027	*SUM:*		1033	*SUM:*			1376	*SUM:*			1382	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.685			0.689				0.917				0.921				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.585**			**0.589**				**0.817**				**0.821**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**D**				**D**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project:	0.004	Δ*v/c* after mitigation:	
Significant impacted?	NO	Fully mitigated?	

Level of Service Workheet
(Circular 212 Method)

I/S #:	North-South Street:	BROADWAY	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
2	East-West Street:	11TH ST	Projection Year:	2026	Peak Hour:	AM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases			2			2			2			2			2				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--		SB--	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--		WB--	
ATSAC-1 or ATSAC+ATCS-2?			1			1			1			1			1				
Override Capacity			0			0			0			0			0				

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	61	1	**61**	0	61	**61**	53	118	1	**118**	0	118	1	**118**				
	Left-Through		0							0				0					
	Through	543	2	272	0	543	272	94	676	2	338	0	676	2	338				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through		0							0				0					
	Through	336	0	**390**	1	337	**391**	81	441	0	**505**	1	442	0	**506**				
	Through-Right		1							1				1					
	Right	54	0	0	0	54	0	6	64	0	0	0	64	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	56	1	56	0	56	56	21	81	1	81	0	81	1	81				
	Left-Through		0							0				0					
	Through	194	1	**194**	12	206	**206**	198	406	1	**406**	12	418	1	**418**				
	Through-Right		0							0				0					
	Right	59	1	59	3	62	62	2	65	1	65	3	68	1	68				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		451	*North-South:*		452	*North-South:*			623	*North-South:*			624	*North-South:*			
		East-West:		194	*East-West:*		206	*East-West:*			406	*East-West:*			418	*East-West:*			
		SUM:		645	*SUM:*		658	*SUM:*			1029	*SUM:*			1042	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.430			0.439				0.686				0.695				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.360**			**0.369**				**0.616**				**0.625**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project:	0.009	Δ*v/c* after mitigation:	
Significant impacted?	NO	Fully mitigated?	

Level of Service Worksheet
(Circular 212 Method)

I/S #:	North-South Street:	BROADWAY	Year of Count:	2019	Ambient Growth (%):	1	Conducted by:	DH	Date:	4/16/2019
2	East-West Street:	11TH ST	Projection Year:	2026	Peak Hour:	PM	Reviewed by:	RK	Project:	Main Street Tower

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
No. of Phases			2			2			2				2					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB--	SB--	
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB--	WB--	
ATSAC-1 or ATSAC+ATCS-2?			1			1			1				1					
Override Capacity			0			0			0				0					

MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	112	1	**112**	0	112	**112**	91	211	1	**211**	0	211	1	**211**				
	Left-Through		0							0				0					
	Through	702	2	351	0	702	351	184	937	2	469	0	937	2	469				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through		0							0				0					
	Through	603	0	**691**	3	606	**694**	87	733	0	**832**	3	736	0	**835**				
	Through-Right		1							1				1					
	Right	88	0	0	0	88	0	5	99	0	0	0	99	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	94	1	94	0	94	94	27	128	1	128	0	128	1	128				
	Left-Through		0							0				0					
	Through	612	1	**612**	2	614	**614**	201	857	1	**857**	2	859	1	**859**				
	Through-Right		0							0				0					
	Right	48	1	48	1	49	49	2	53	1	53	1	54	1	54				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		803	*North-South:*		806	*North-South:*			1043	*North-South:*			1046	*North-South:*			
		East-West:		612	*East-West:*		614	*East-West:*			857	*East-West:*			859	*East-West:*			
		SUM:		1415	*SUM:*		1420	*SUM:*			1900	*SUM:*			1905	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.943			0.947				1.267				1.270				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.873**			**0.877**				**1.197**				**1.200**				
LEVEL OF SERVICE (LOS):				D			D				F				F				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.003 **$\Delta v/c$ after mitigation:**

Significant impacted? NO **Fully mitigated?**

Level of Service Workheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
3	East-West Street:	9TH ST	Projection Year:	2026	Peak Hour:	AM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases				2				2				2				2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--		SB--				
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--		WB--				
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2							
Override Capacity				0				0				0				0							

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through		0							0				0					
	Through	624	2	**312**	13	637	**319**	246	915	2	**458**	13	928	2	**464**				
	Through-Right		0							0				0					
	Right	99	1	99	1	100	100	34	140	1	140	1	141	1	141				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	68	1	**68**	0	68	**68**	43	116	1	**116**	0	116	1	**116**				
	Left-Through		0							0				0					
	Through	342	2	171	1	343	172	228	595	2	298	1	596	2	298				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	86	1	86	0	86	86	23	115	1	115	0	115	1	115				
	Left-Through		0							0				0					
	Through	837	2	**301**	0	837	**301**	242	1139	2	**416**	0	1139	2	**416**				
	Through-Right		1							1				1					
	Right	66	0	66	0	66	66	38	109	0	109	0	109	0	109				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		380	*North-South:*		387	*North-South:*			574	*North-South:*			580	*North-South:*			
		East-West:		301	*East-West:*		301	*East-West:*			416	*East-West:*			416	*East-West:*			
		SUM:		681	*SUM:*		688	*SUM:*			990	*SUM:*			996	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.454			0.459				0.660				0.664				
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.354			0.359				0.560				0.564				
LEVEL OF SERVICE (LOS):				A			A				A				A				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.004 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Workheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
3	East-West Street:	9TH ST	Projection Year:	2026	Peak Hour:	PM	Reviewed by:	RK	Project:	Main Street Tower

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
No. of Phases			2			2			2				2					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB--	0	NB-- 0	SB--	0	NB-- 0	SB--	0		NB-- 0	SB--	0		NB--	SB--		
	EB-- 0	WB--	0	EB-- 0	WB--	0	EB-- 0	WB--	0		EB-- 0	WB--	0		EB--	WB--		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2					
Override Capacity			0			0			0				0					

	MOVEMENT	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through		0							0				0					
	Through	909	2	**455**	1	910	**455**	292	1267	2	**634**	1	1268	2	**634**				
	Through-Right		0							0				0					
	Right	101	1	101	0	101	101	18	126	1	126	0	126	1	126				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	57	1	**57**	0	57	**57**	21	82	1	**82**	0	82	1	**82**				
	Left-Through		0							0				0					
	Through	530	2	265	3	533	267	320	888	2	444	3	891	2	446				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	275	1	275	0	275	275	14	309	1	309	0	309	1	309				
	Left-Through		0							0				0					
	Through	1017	2	**361**	0	1017	**362**	208	1298	2	**484**	0	1298	2	**485**				
	Through-Right		1							1				1					
	Right	67	0	67	3	70	70	82	154	0	154	3	157	0	157				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		512	*North-South:*		512	*North-South:*			716	*North-South:*			716	*North-South:*			
		East-West:		361	*East-West:*		362	*East-West:*			484	*East-West:*			485	*East-West:*			
		SUM:		873	*SUM:*		874	*SUM:*			1200	*SUM:*			1201	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.582			0.583				0.800				0.801				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.482**			**0.483**				**0.700**				**0.701**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**C**				**C**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.001 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Worksheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
4	East-West Street:	OLYMPIC BLVD	Projection Year:	2026	Peak Hour:	AM	Reviewed by:	RK	Project:	Main Street Tower

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
No. of Phases			3			3			3				3					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0		NB-- 0	SB-- 0	0		NB--	SB--		
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0		EB-- 0	WB-- 0	0		EB--	WB--		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2					
Override Capacity			0			0			0				0					

MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	67	1	67	10	77	77	36	108	1	**108**	10	118	1	**118**				
	Left-Through		0							0				0					
	Through	666	2	**333**	14	680	**340**	209	923	2	462	14	937	2	469				
	Through-Right		0							0				0					
	Right	96	1	85	0	96	85	6	109	1	99	0	109	1	99				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	33	1	**33**	0	33	**33**	29	64	1	64	0	64	1	64				
	Left-Through		0							0				0					
	Through	209	1	209	1	210	210	217	441	1	**441**	1	442	1	**442**				
	Through-Right		0							0				0					
	Right	184	1	123	0	184	123	105	302	1	205	0	302	1	205				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	122	1	**122**	0	122	**122**	63	194	1	**194**	0	194	1	**194**				
	Left-Through		0							0				0					
	Through	481	1	265	0	481	266	124	640	1	351	0	640	1	351				
	Through-Right		1							1				1					
	Right	49	0	49	1	50	50	8	61	0	61	1	62	0	62				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	22	1	22	0	22	22	-3	21	1	21	0	21	1	21				
	Left-Through		0							0				0					
	Through	426	1	**230**	0	426	**230**	76	533	1	**290**	0	533	1	**290**				
	Through-Right		1							1				1					
	Right	33	0	33	0	33	33	11	46	0	46	0	46	0	46				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		North-South:		366	North-South:		373	North-South:			549	North-South:			560	North-South:			
		East-West:		352	East-West:		352	East-West:			484	East-West:			484	East-West:			
		SUM:		718	SUM:		725	SUM:			1033	SUM:			1044	SUM:			
VOLUME/CAPACITY (V/C) RATIO:				0.504			0.509				0.725				0.733				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.404**			**0.409**				**0.625**				**0.633**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**B**				**B**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.008 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Worksheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
4	East-West Street:	OLYMPIC BLVD	Projection Year:	2026	Peak Hour:	PM	Reviewed by:	RK	Project:	Main Street Tower

	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
No. of Phases			3			3			3				3					
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0				0					
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0		NB-- 0	SB-- 0	0		NB--	SB--		
	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0		EB-- 0	WB-- 0	0		EB--	WB--		
ATSAC-1 or ATSAC+ATCS-2?			2			2			2				2					
Override Capacity			0			0			0				0					

MOVEMENT		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	52	1	**52**	1	53	**53**	44	100	1	**100**	1	101	1	**101**				
	Left-Through		0							0				0					
	Through	788	2	394	1	789	395	283	1128	2	564	1	1129	2	565				
	Through-Right		0							0				0					
	Right	87	1	59	0	87	59	8	101	1	68	0	101	1	68				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	22	1	22	0	22	22	36	60	1	60	0	60	1	60				
	Left-Through		0							0				0					
	Through	439	1	**439**	6	445	**445**	240	711	1	**711**	6	717	1	**717**				
	Through-Right		0							0				0					
	Right	173	1	108	0	173	108	121	306	1	203	0	306	1	203				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	131	1	**131**	0	131	**131**	67	207	1	**207**	0	207	1	**207**				
	Left-Through		0							0				0					
	Through	421	1	238	0	421	241	131	582	1	348	0	582	1	351				
	Through-Right		1							1				1					
	Right	55	0	55	6	61	61	55	114	0	114	6	120	0	120				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	56	1	56	0	56	56	7	67	1	67	0	67	1	67				
	Left-Through		0							0				0					
	Through	474	1	**260**	0	474	**260**	175	683	1	**372**	0	683	1	**372**				
	Through-Right		1							1				1					
	Right	45	0	45	0	45	45	13	61	0	61	0	61	0	61				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		North-South:		491	North-South:		498	North-South:			811	North-South:			818	North-South:			
		East-West:		391	East-West:		391	East-West:			579	East-West:			579	East-West:			
		SUM:		882	SUM:		889	SUM:			1390	SUM:			1397	SUM:			
VOLUME/CAPACITY (V/C) RATIO:				0.619			0.624				0.975				0.980				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.519**			**0.524**				**0.875**				**0.880**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**D**				**D**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.005 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Worksheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
5	East-West Street:	11TH ST	Projection Year:	2026	Peak Hour:	AM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases				2				2				2				2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--		SB--				
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--		WB--				
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2							
Override Capacity				0				0				0				0							

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	38	1	38	14	52	52	65	106	1	106	14	120	1	120				
	Left-Through		0							0				0					
	Through	791	2	**396**	24	815	**408**	253	1101	2	**551**	24	1125	2	**563**				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	256	1	256	1	257	257	152	426	1	426	1	427	1	427				
	Through-Right		0							0				0					
	Right	46	1	46	1	47	47	142	191	1	191	1	192	1	192				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	20	0	20	0	20	20	14	35	0	35	0	35	0	35				
	Left-Through		1							1				1					
	Through	124	1	**72**	1	125	**73**	37	170	1	**103**	1	171	1	**103**				
	Through-Right		0							0				0					
	Right	42	1	42	0	42	42	18	63	1	63	0	63	1	63				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		396	*North-South:*		408	*North-South:*			551	*North-South:*			563	*North-South:*			
		East-West:		72	*East-West:*		73	*East-West:*			103	*East-West:*			103	*East-West:*			
		SUM:		468	*SUM:*		481	*SUM:*			654	*SUM:*			666	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.312			0.321				0.436				0.444				
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.212			0.221				0.336				0.344				
LEVEL OF SERVICE (LOS):				A			A				A				A				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.008 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Workheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
5	East-West Street:	11TH ST	Projection Year:	2026	Peak Hour:	PM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases				2				2				2				2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--		SB--				
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--		WB--				
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2							
Override Capacity				0				0				0				0							

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	45	1	**45**	3	48	**48**	52	100	1	**100**	3	103	1	**103**				
	Left-Through		0							0				0					
	Through	893	2	447	2	895	448	380	1337	2	669	2	1339	2	670				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through		0							0				0					
	Through	464	1	**464**	5	469	**469**	156	653	1	**653**	5	658	1	**658**				
	Through-Right		0							0				0					
	Right	93	1	93	8	101	101	129	229	1	229	8	237	1	237				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	53	0	53	2	55	55	32	89	0	89	2	91	0	91				
	Left-Through		1							1				1					
	Through	236	1	**145**	4	240	**148**	61	314	1	**202**	4	318	1	**205**				
	Through-Right		0							0				0					
	Right	37	1	37	0	37	37	6	46	1	46	0	46	1	46				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		509	*North-South:*		517	*North-South:*			753	*North-South:*			761	*North-South:*			
		East-West:		145	*East-West:*		148	*East-West:*			202	*East-West:*			205	*East-West:*			
		SUM:		654	*SUM:*		665	*SUM:*			955	*SUM:*			966	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.436			0.443				0.637				0.644				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.336**			**0.343**				**0.537**				**0.544**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project:	0.007	Δ*v/c* after mitigation:	
Significant impacted?	NO	Fully mitigated?	

Level of Service Workheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
6	East-West Street:	12TH ST	Projection Year:	2026	Peak Hour:	AM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases				2				2				2				2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0				0				0				0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--	0	SB--	0	NB--		SB--				
	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--	0	WB--	0	EB--		WB--				
ATSAC-1 or ATSAC+ATCS-2?				2				2				2				2							
Override Capacity				0				0				0				0							

MOVEMENT		EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through		0							0				0					
	Through	777	2	**389**	1	778	**389**	176	1009	2	**505**	1	1010	2	**505**				
	Through-Right		0							0				0					
	Right	54	1	54	0	54	54	19	77	1	77	0	77	1	77				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	15	1	**15**	4	19	**19**	2	18	1	**18**	4	22	1	**22**				
	Left-Through		0							0				0					
	Through	265	1	265	6	271	271	165	449	1	449	6	455	1	455				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	54	1	54	1	55	55	90	148	1	148	1	149	1	149				
	Left-Through		0							0				0					
	Through	253	1	**136**	7	260	**144**	65	336	1	**188**	7	343	1	**197**				
	Through-Right		1							1				1					
	Right	18	0	18	10	28	28	21	40	0	40	10	50	0	50				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		404	*North-South:*		408	*North-South:*			523	*North-South:*			527	*North-South:*			
		East-West:		136	*East-West:*		144	*East-West:*			188	*East-West:*			197	*East-West:*			
		SUM:		540	*SUM:*		552	*SUM:*			711	*SUM:*			724	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.360			0.368				0.474				0.483				
V/C LESS ATSAC/ATCS ADJUSTMENT:				0.260			0.268				0.374				0.383				
LEVEL OF SERVICE (LOS):				A			A				A				A				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.009 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Workheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
6	East-West Street:	12TH ST	Projection Year:	2026	Peak Hour:	PM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases			2			2			2			2							
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0							
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--		SB--	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--		WB--	
ATSAC-1 or ATSAC+ATCS-2?			2			2			2			2							
Override Capacity			0			0			0			0							

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	0	0	**0**	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Left-Through		0							0				0					
	Through	792	2	396	7	799	400	274	1123	2	562	7	1130	2	565				
	Through-Right		0							0				0					
	Right	64	1	64	0	64	64	22	91	1	91	0	91	1	91				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	14	1	14	0	14	14	11	26	1	26	0	26	1	26				
	Left-Through		0							0				0					
	Through	488	1	**488**	1	489	**489**	177	700	1	**700**	1	701	1	**701**				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	136	1	136	7	143	**142**	161	307	1	**307**	7	314	1	**314**				
	Left-Through		0							0				0					
	Through	227	1	**140**	0	227	141	62	305	1	201	0	305	1	202				
	Through-Right		1							1				1					
	Right	53	0	53	1	54	54	40	97	0	97	1	98	0	98				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	0	0	**0**	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through		0							0				0					
	Through	0	0	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**				
	Through-Right		0							0				0					
	Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
CRITICAL VOLUMES		*North-South:*		488	*North-South:*		489	*North-South:*			700	*North-South:*			701	*North-South:*			
		East-West:		140	*East-West:*		142	*East-West:*			307	*East-West:*			314	*East-West:*			
		SUM:		628	*SUM:*		631	*SUM:*			1007	*SUM:*			1015	*SUM:*			
VOLUME/CAPACITY *(V/C)* RATIO:				0.419			0.421				0.671				0.677				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.319**			**0.321**				**0.571**				**0.577**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.006 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Worksheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
7	East-West Street:	PICO BLVD	Projection Year:	2026	Peak Hour:	AM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases			2			2			2			2			2				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--		SB--	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--		WB--	
ATSAC-1 or ATSAC+ATCS-2?			1			1			1			1			1				
Override Capacity			0			0			0			0			0				

	MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
		Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND	Left	47	1	47	0	47	47	0	50	1	50	0	50	1	50				
	Left-Through		0							0				0					
	Through	811	2	**406**	1	812	**406**	142	1012	2	**506**	1	1013	2	**507**				
	Through-Right		0							0				0					
	Right	40	1	40	0	40	40	0	43	1	43	0	43	1	43				
	Left-Through-Right		0							0				0					
	Left-Right																		
SOUTHBOUND	Left	12	1	**12**	0	12	**12**	6	19	1	**19**	0	19	1	**19**				
	Left-Through		0							0				0					
	Through	235	1	235	12	247	247	144	396	1	396	12	408	1	408				
	Through-Right		0							0				0					
	Right	32	1	3	4	36	7	36	70	1	26	4	74	1	30				
	Left-Through-Right		0							0				0					
	Left-Right																		
EASTBOUND	Left	58	1	**58**	0	58	**58**	27	89	1	**89**	0	89	1	**89**				
	Left-Through		0							0				0					
	Through	227	0	263	0	227	263	66	309	0	348	0	309	0	348				
	Through-Right		1							1				1					
	Right	36	0	0	0	36	0	0	39	0	0	0	39	0	0				
	Left-Through-Right		0							0				0					
	Left-Right																		
WESTBOUND	Left	12	0	12	0	12	12	0	13	0	13	0	13	0	13				
	Left-Through		0							0				0					
	Through	200	0	**231**	0	200	**231**	30	244	0	**302**	0	244	0	**302**				
	Through-Right		0							0				0					
	Right	19	0	0	0	19	0	25	45	0	0	0	45	0	0				
	Left-Through-Right		1							1				1					
	Left-Right																		
CRITICAL VOLUMES		North-South:		418	North-South:		418	North-South:			525	North-South:			526	North-South:			
		East-West:		289	East-West:		289	East-West:			391	East-West:			391	East-West:			
		SUM:		707	SUM:		707	SUM:			916	SUM:			917	SUM:			
VOLUME/CAPACITY (V/C) RATIO:				0.471			0.471				0.611				0.611				
V/C LESS ATSAC/ATCS ADJUSTMENT:				**0.401**			**0.401**				**0.541**				**0.541**				
LEVEL OF SERVICE (LOS):				**A**			**A**				**A**				**A**				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.000 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

Level of Service Workheet
(Circular 212 Method)

I/S #:	North-South Street:	MAIN ST	Year of Count:	2019	Ambient Growth: (%):	1	Conducted by:	DH	Date:	4/16/2019
7	East-West Street:	PICO BLVD	Projection Year:	2026	Peak Hour:	PM	Reviewed by:	RK	Project:	Main Street Tower

No. of Phases			2			2			2			2			2				
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?			0			0			0			0			0				
Right Turns: FREE-1, NRTOR-2 or OLA-3?	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--	0	SB-- 0	NB--		SB--	
	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--	0	WB-- 0	EB--		WB--	
ATSAC-1 or ATSAC+ATCS-2?			1			1			1			1			1				
Override Capacity			0			0			0			0			0				

MOVEMENT	EXISTING CONDITION			EXISTING PLUS PROJECT			FUTURE CONDITION W/O PROJECT				FUTURE CONDITION W/ PROJECT				FUTURE W/ PROJECT W/ MITIGATION			
	Volume	No. of Lanes	Lane Volume	Project Traffic	Total Volume	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume	Added Volume	Total Volume	No. of Lanes	Lane Volume
NORTHBOUND																		
Left	36	1	**36**	0	36	**36**	0	39	1	**39**	0	39	1	**39**				
Left-Through		0							0				0					
Through	665	2	333	7	672	336	221	934	2	467	7	941	2	471				
Through-Right		0							0				0					
Right	59	1	59	0	59	59	0	63	1	63	0	63	1	63				
Left-Through-Right		0							0				0					
Left-Right																		
SOUTHBOUND																		
Left	14	1	14	0	14	14	22	37	1	37	0	37	1	37				
Left-Through		0							0				0					
Through	475	1	**475**	2	477	**477**	160	669	1	**669**	2	671	1	**671**				
Through-Right		0							0				0					
Right	51	1	0	-1	50	0	37	92	1	0	-1	91	1	0				
Left-Through-Right		0							0				0					
Left-Right																		
EASTBOUND																		
Left	157	1	**157**	1	158	**158**	50	218	1	**218**	1	219	1	**219**				
Left-Through		0							0				0					
Through	256	0	304	0	256	304	55	329	0	380	0	329	0	380				
Through-Right		1							1				1					
Right	48	0	0	0	48	0	0	51	0	0	0	51	0	0				
Left-Through-Right		0							0				0					
Left-Right																		
WESTBOUND																		
Left	5	0	5	0	5	5	0	5	0	5	0	5	0	5				
Left-Through		0							0				0					
Through	223	0	**273**	0	223	**273**	80	319	0	**396**	0	319	0	**396**				
Through-Right		0							0				0					
Right	45	0	0	0	45	0	24	72	0	0	0	72	0	0				
Left-Through-Right		1							1				1					
Left-Right																		
CRITICAL VOLUMES	North-South:		511	North-South:		513	North-South:			708	North-South:			710	North-South:			
	East-West:		430	East-West:		431	East-West:			614	East-West:			615	East-West:			
	SUM:		941	SUM:		944	SUM:			1322	SUM:			1325	SUM:			
VOLUME/CAPACITY (V/C) RATIO:			0.627			0.629				0.881				0.883				
V/C LESS ATSAC/ATCS ADJUSTMENT:			0.557			0.559				0.811				0.813				
LEVEL OF SERVICE (LOS):			A			A				D				D				

REMARKS:

Version: 1i Beta; 8/4/2011

PROJECT IMPACT

Change in *v/c* due to project: 0.002 — Δ*v/c* after mitigation:

Significant impacted? NO — Fully mitigated?

APPENDIX E

TRAFFIC STUDY MEMORANDUM OF UNDERSTANDING (DATED MARCH 20, 2019 AND SIGNED ON MARCH 21, 2019)

LADOT

Transportation Impact Study Memorandum of Understanding (MOU)

This MOU acknowledges that the Transportation Impact Study for the following Project will be prepared in accordance with the latest version of LADOT's Transportation Impact Study Guidelines:

I. PROJECT INFORMATION

Project Name: Main Street Tower

Project Address: 1123-1161 S. Main Street, Los Angeles, CA 90015

Project Description: The proposed project consists of the construction of a 30-story high-rise residential mixed-use building, with up to 363 residential dwelling units and 12,500 square feet of ground-floor commercial uses, and the removal of all existing uses, including approximately 26,710 square feet of active retail uses. Primary access for the residential and commercial uses will be provided via driveways intersecting the north-south alley between Broadway and Main Street. Secondary access will be provided for the residential uses via a full-access driveway intersecting Main Street.

LADOT Project Case Number: _____ Project Site Plan attached? *(Required)* ■ Yes ☐ No

II. TRIP GENERATION

Geographic Distribution (Residential): N 40.00% S 15.00% E 20.00% W 20.00%

Geographic Distribution: N 30.00 % S 22.00 % E 18.00 % W 30.00 % (Commercial)

Illustration of Project trip distribution percentages at Study intersections attached? *(Required)* ■ Yes ☐ No

Trip Generation Adjustments *(Exact amount of credit subject to approval by LADOT)*

	Yes	No
Transit Usage	■	☐
Transportation Demand Management	☐	■
Existing Active Land Use	■	☐
Previous Land Use	☐	■
Internal Trip	■	☐
Pass-By Trip	■	☐

Source of Trip Generation Rate(s)? ☐ ITE 9th Edition ■ Other: ITE Trip Generation Manual (10th Edition, 2017)

Trip generation table including a description of the proposed land uses, ITE rates, estimated morning and afternoon peak hour volumes (ins/outs/totals), proposed trip credits, etc. attached? *(Required)* ■ Yes ☐ No

	IN	OUT	TOTAL
AM Trips	5	64	69
PM Trips	34	6	40

III. STUDY AREA AND ASSUMPTIONS

Project Buildout Year: 2026 Ambient or CMP Growth Rate: 1.00 % Per Yr.

Related Projects List, researched by the consultant and approved by LADOT, attached? *(Required)* ☐ Yes ■ No

Related project list will be requested from LADOT at time of MOU submittal.

Subject to Freeway Impact Analysis, in addition to CMP Analysis? *(Freeway analysis screening filter must be included in this MOU; selecting "yes" implies that at least one criteria was satisfied)* ☐ Yes ■ No

Map of Study Intersections attached? *(May be subject to LADOT revision after initial impact analysis)* ■ Yes ☐ No

Is this Project located on a street within the High Injury Network? ☐ Yes ■ No

IV. CONTACT INFORMATION

	CONSULTANT	DEVELOPER
Name:	Crain & Associates	Frontier Holdings West, LLC; Regal Group, LLC; Main Fund Associates, LLC
Address:	300 Corporate Pointe, Suite 470, Culver City, CA 90230	888 S. Figueroa Street, Suite 1900, Los Angeles, CA 90017
Phone Number:	(310) 473-6508	(213) 745-5191
E-Mail:	rkelly@crainandassociates.com	daniel@jadeent.com

Approved by:

	Consultant's Representative	Date	LADOT Representative	Date
x	Ryan J. Kelly (Digitally signed by Ryan J. Kelly DN: cn=Ryan J. Kelly, o=Crain & Associates, ou=Senior Transportation Engineer, email=rkelly@crainandassociates.com, c=US Date: 2018.12.07 12:54:50 -08'00')	3/20/2019	x Eileen Hunt (Digitally signed by Eileen Hunt Date: 2019.03.21 09:39:48 -07'00')	

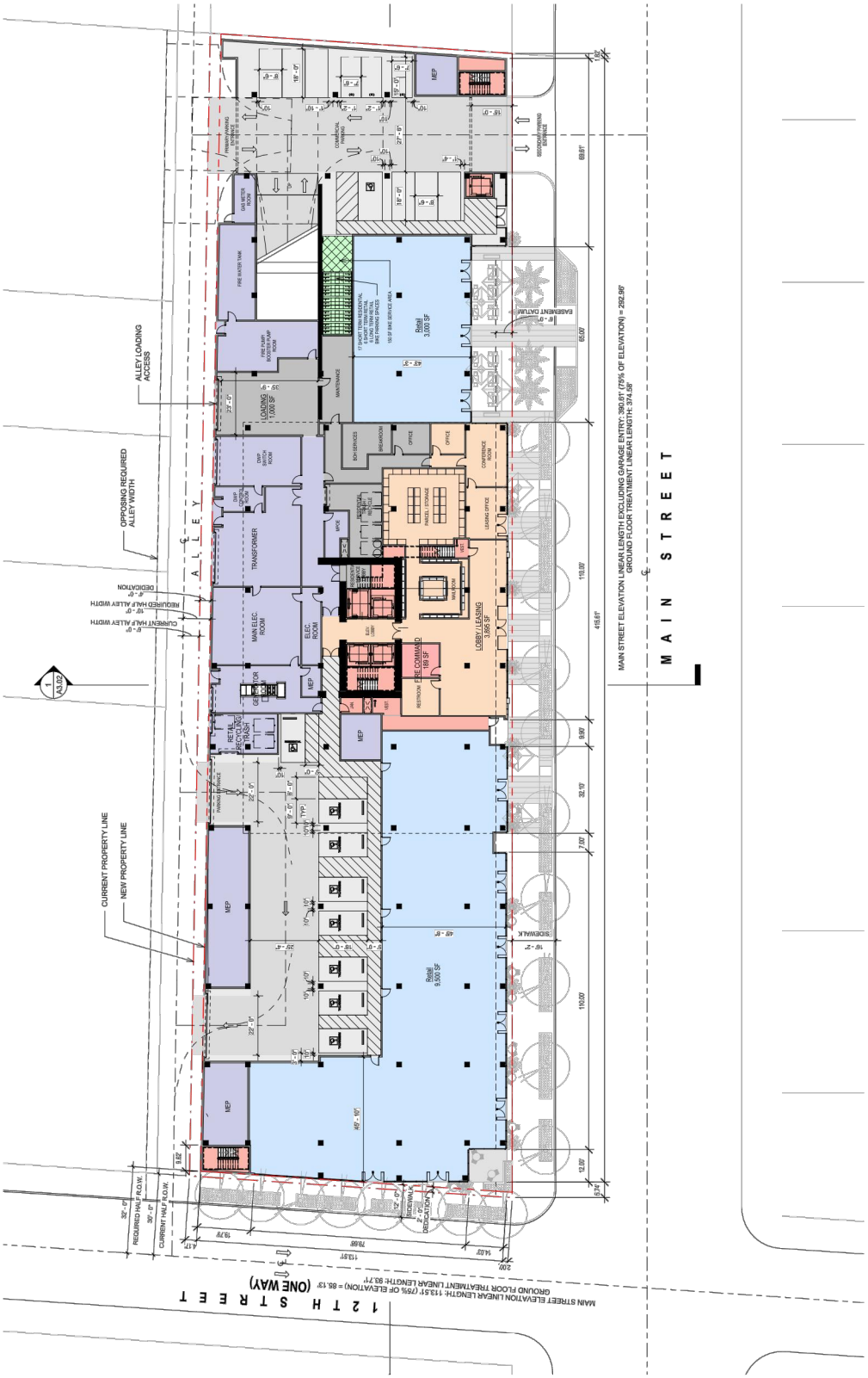
STUDY INTERSECTIONS

1. BROADWAY/OLYMPIC
2. BROADWAY/11TH
3. MAIN/9TH
4. MAIN/OLYMPIC
5. MAIN/11TH
6. MAIN/12TH
7. MAIN/PICO

LADOT Case No. CEN18-47813

ATTACHMENT 1

CONCEPTUAL PROJECT SITE PLAN



ATTACHMENT 1

3/14/2019

MainStreetTower\SITE PLAN

CONCEPTUAL PROJECT SITE PLAN

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
300 Corporate Pointe, Suite 470
Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
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ATTACHMENT 2

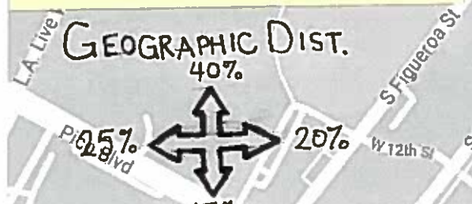
PROJECT TRIP DISTRIBUTION PERCENTAGES

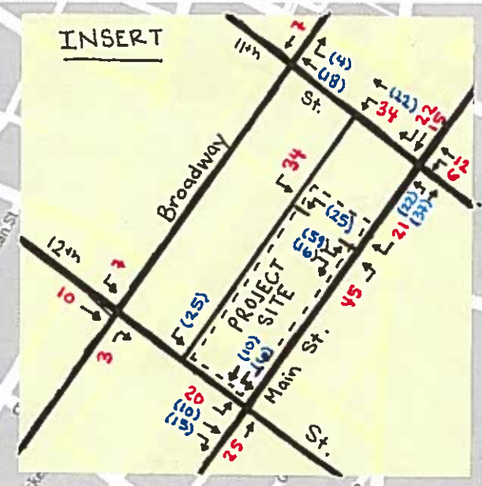
(Residential and Commercial Land Use Trip Distribution Percentages)

Main Street Tower
Residential Trip Distribution

Legend:

(*) : Project Site
xx : Inbound Percentage
(xx) : Outbound Percentage





SEE INSERT

Map data ©2018 Google Terms 500 ft

MAIN STREET TOWER
COMMERCIAL TRIP DISTRIBUTION

Legend:

- ⊛ : Project Site
- XX : Inbound Percentage
- (XX) : Outbound Percentage

GEOGRAPHIC DIST.

30%

30%

18%

22%

SEE INSERT

INSERT

Broadway

12th St

11th St

Main St.

PROJECT SITE

S Alameda St

Map data ©2018 Google Terms 500 ft

ATTACHMENT 3

PROJECT WEEKDAY TRIP GENERATION RATES AND SUMMARY

ATTACHMENT 3

MAIN STREET TOWER PROJECT
WEEKDAY TRIP GENERATION RATES AND SUMMARY[1]

Land Use	ITE Code	Intensity[2]	Average Weekday	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Trip Generation Rates									
Multifamily Housing (High-Rise)	222	1 du	2.07	12%	88%	0.21	70%	30%	0.19
Shopping Center	820	1 ksf	37.75	62%	38%	0.94	48%	52%	3.81
Trip Generation Summary									
Description		**Size**	**Average Weekday**	**AM Peak Hour**			**PM Peak Hour**		
				In	**Out**	**Total**	**In**	**Out**	**Total**
PROPOSED USES									
Residential									
Multifamily Housing		363 du	751	9	67	76	48	21	69
10% Internal Capture Adjustment[3]			(40)	0	(1)	(1)	(2)	(2)	(4)
Multifamily Housing Total			711	9	66	75	46	19	65
Commercial									
Shopping Center		12.500 ksf	472	7	5	12	23	25	48
15% Transit/Walk Adjustment[4]			(71)	(1)	(1)	(2)	(3)	(4)	(7)
Shopping Center With Transit/Walk Adjustment Subtotal			401	6	4	10	20	21	41
10% Internal Capture Adjustment[3]			(40)	(1)	0	(1)	(2)	(2)	(4)
Shopping Center With Internal Capture Adjustment Subtotal			361	5	4	9	18	19	37
50% Pass-By Adjustment[5]			(180)	(2)	(2)	(4)	(9)	(9)	(18)
Shopping Center Total			181	3	2	5	9	10	19
Proposed Project Driveway Trips (including Pass-By Trips)			**1,072**	**14**	**70**	**84**	**64**	**38**	**102**
Proposed Project Trips			**892**	**12**	**68**	**80**	**55**	**29**	**84**
EXISTING USE									
Commercial									
Shopping Center		26.710 ksf	1,008	16	9	25	49	53	102
15% Transit/Walk Adjustment[4]			(151)	(3)	(1)	(4)	(7)	(8)	(15)
Shopping Center With Transit/Walk Adjustment Subtotal			857	13	8	21	42	45	87
50% Pass-By Adjustment[5]			(428)	(6)	(4)	(10)	(21)	(22)	(43)
Shopping Center Total			429	7	4	11	21	23	44
Existing Project Driveway Trips (including Pass-By Trips)			**857**	**13**	**8**	**21**	**42**	**45**	**87**
Existing Project Trips			**429**	**7**	**4**	**11**	**21**	**23**	**44**
Net Project Driveway Trips (including Pass-By Trips)			**215**	**1**	**62**	**63**	**22**	**-7**	**15**
Net Project Trips			**463**	**5**	**64**	**69**	**34**	**6**	**40**

Notes:

1) ITE *Trip Generation Manual* (10th Edition, 2017) trip generation rates and equations applied. For Land Use Code 222 (Multifamily Housing [High-Rise]), rates for the Dense Multi-Use Urban setting were used, as this setting is more applicable to the Project site than the General Urban/Suburban setting and there is an adequate number of studies in the peak-hour time period datasets. For Land Use Code 820 (Shopping Center), rates for the General Urban/Suburban setting were used, as no daily rate is provided for the Dense Multi-Use Urban setting and the peak-hour rates are based on very limited data. Transit/walk adjustments were, therefore, only applied to the Shopping Center land use.
2) du = Dwelling Units; ksf = Thousands of Square Feet of Gross Leasable Floor Area.
3) 10 percent internal capture adjustment assumed. The internal capture adjustment is applied to the lower peak-hour trip-generating component of the uses sharing trips with each other (Shopping Center use). The internal trips for the higher trip-generating component (Multifamily Housing use) are then balanced with the internal trips to/from the lower trip-generating component.
4) Consistent with current LADOT *Transportation Impact Study Guidelines* , a 15 percent transit/walk adjustment has been assumed for the Shopping Center use (given that the Project is located within an approximately one-quarter mile walking distance of Metro rapid bus and rail service, and such an adjustment is not already accounted for in the General Urban/Suburban setting baseline trip rates).
5) Based on Attachment D of the current LADOT *Transportation Impact Study Guidelines* , appropriate pass-by trip adjustments have been applied to the Shopping Center land use category.

ATTACHMENT 4

RELATED PROJECTS LIST

(The related projects list will be requested from LADOT when we submit the MOU package for review.)

ATTACHMENT 5

FREEWAY IMPACT ANALYSIS SCREENING

MAIN STREET TOWER PROJECT
FREEWAY IMPACT ANALYSIS SCREENING

The following State of California Department of Transportation ("Caltrans") freeway impact analysis screening has been performed for the Main Street Tower project (the "Project") as part of the Transportation Impact Study Memorandum of Understanding (MOU), per the criteria set forth in the October 2013 *Agreement Between City of Los Angeles and Caltrans District 7 on Freeway Impact Analysis Procedures* (the "Agreement") and the December 2015 *First Amendment to the Agreement between LADOT and Caltrans District 7 on Freeway Impact Analysis Procedures* (the "Amendment").

Agreement and Amendment Freeway Impact Analysis Screening Criteria

Per Section 3 of the Agreement and the Amendment, the "City will require Project applicants to work with Caltrans and prepare a Freeway Impact Analysis, utilizing Caltrans' "Guide for the Preparation of Traffic Impact Studies" ("TIS Guide"), for land use proposals that meet any of the following criteria:

- The project's peak hour trips would result in a 1-percent or more increase to the freeway mainline capacity of a freeway segment operating at level-of-service (LOS) E or F (based on an assumed capacity of 2,000 vehicles per hour per lane); or
- The project's peak hour trips would result in a 2-percent or more increase to the freeway mainline capacity of a freeway segment operating at LOS D (based on an assumed capacity of 2,000 vehicles per hour per lane); or
- The project's peak hour trips would result in a 1-percent or more increase to the capacity of a freeway off-ramp operating at LOS E or F (based on an assumed ramp capacity of 850 vehicles per hour per lane); or
- The project's peak hour trips would result in a 2-percent or more increase to the capacity of a freeway off-ramp operating at LOS D (based on an assumed ramp capacity of 850 vehicles per hour per lane)."

Project Traffic Volume Contributions to State Facilities

In order to estimate the Project's traffic volume contributions to the freeway mainline and off-ramp locations most likely to be impacted by Project-related traffic, the Project's trip generation was first determined. In order to develop the traffic characteristics of the Project, the latest and most up-to-date version of the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (10th Edition, 2017) was used. The trip generation rates in the ITE manual are nationally recognized and are used as the basis for most traffic studies conducted in the City of Los Angeles and surrounding region. Attachment 3 of this Transportation Impact Study MOU presents the trip generation rates and summary for the Project's weekday daily, AM peak-hour,

and PM peak-hour traffic volumes. As shown, appropriate trip credits were applied to the baseline trip generation estimates to account for internally captured trips, use of public transportation, walk-trip potential, and pass-by trip activity.

Estimation of the geographic distribution of Project trips was the next step in the analytical process. Project trip distribution patterns were developed based on the Project uses, existing traffic patterns, characteristics of the surrounding roadway system, the geographic location of the Project site and its proximity to freeways and major travel routes, employment centers to which residents would likely be attracted, residential areas from which employees would likely be drawn, and the various regions generating visitors and patrons. Based on the abovementioned factors, the overall Project trip distribution percentages were determined and are summarized in Attachment 2 of this Transportation Impact Study MOU.

The Project trip generation and trip distribution patterns were then used to determine the Project traffic volume contributions to State facilities in the vicinity of the Project site. Table 1 summarizes the anticipated Project traffic volume contributions to the freeway mainline and off-ramp locations most likely to be impacted by Project traffic.

Freeway Mainline Segment Impact Analysis Screening

In order to perform the freeway mainline segment impact analysis screening, an initial check was performed to see if the directional mainline segments most likely to be impacted by Project traffic would meet the trigger Project traffic volume contributions assuming the most constrained operations on each segment. This initial freeway mainline segment impact screening analysis is shown in Table 2. Per the Agreement, the trigger percentage is a 2 percent or more increase in traffic volumes for a mainline segment at LOS D or a 1 percent or more increase for a segment at LOS E/F. The volume increases are relative to an assumed mainline segment capacity of 2,000 vehicles per hour per lane, per the Agreement. Therefore, the 1 percent trigger percentage was applied assuming LOS E/F freeway mainline operations.

Comparing the traffic volume contributions required to trigger a freeway segment impact analysis at LOS E/F with the anticipated Project volume contributions at each location, the thresholds would not be triggered at either of the two (2) directional segment locations. Therefore, a freeway mainline segment impact analysis is not required.

Freeway Off-Ramp Impact Analysis Screening

In order to perform the freeway off-ramp impact analysis screening, an initial check was performed to see if the off-ramp location most likely to be impacted by Project traffic would meet the trigger traffic volume contributions assuming the most constrained operations for the off-ramp. This initial freeway off-ramp screening analysis is shown in Table 2. Per the Agreement, the trigger percentage is a 2 percent or more increase in traffic volumes for a freeway off-ramp operating at LOS D or a 1 percent or more increase for an off-ramp at LOS E/F. These volume

increases are relative to the assumed capacity of 850 vehicles per hour per lane, per the Agreement and Amendment. Therefore, the 1 percent trigger percentage was applied assuming LOS E/F freeway off-ramp operations.

Comparing the traffic volume contributions required to trigger a freeway off-ramp impact analysis at LOS E/F with the anticipated Project volume contributions at the location, the thresholds would not be triggered at the one (1) freeway off-ramp location. Therefore, a freeway off-ramp impact analysis is not required.

TABLES

Table 1

Main Street Tower
Traffic Volume Contributions to State Freeway Mainline and Off-Ramp Facilities

PROJECT TRIP GENERATION

		Residential		Commercial	
	Direction	AM	PM	AM	PM
	Inbound	9	46	-4	-12
	Outbound	66	19	-2	-13

FREEWAY MAINLINE VOLUME CALCULATIONS

		Proj. Trip	Residential			Commercial			Project Total	
Mainline Segment Location	Direction	Direction	Percentage	AM	PM	Percentage	AM	PM	AM	PM
I-10 Fwy, w/o SR-110 Fwy	Eastbound	Inbound	9%	0.8	4.1	9%	-0.4	-1.1	0.5	3.1
	Westbound	Outbound	9%	5.9	1.7	9%	-0.2	-1.2	5.8	0.5
US-101 Fwy, w/o SR-110 Fwy	Southbound	Inbound	5%	0.5	2.3	3%	-0.1	-0.4	0.3	1.9
	Northbound	Outbound	5%	3.3	1.0	3%	-0.1	-0.4	3.2	0.6

FREEWAY OFF-RAMP VOLUME CALCULATIONS

Off-Ramp Location										
I-10 Fwy EB Off-Ramp to Grand Ave	Eastbound	Inbound	8%	0.7	3.7	9%	-0.4	-1.1	0.4	2.6

Table 2

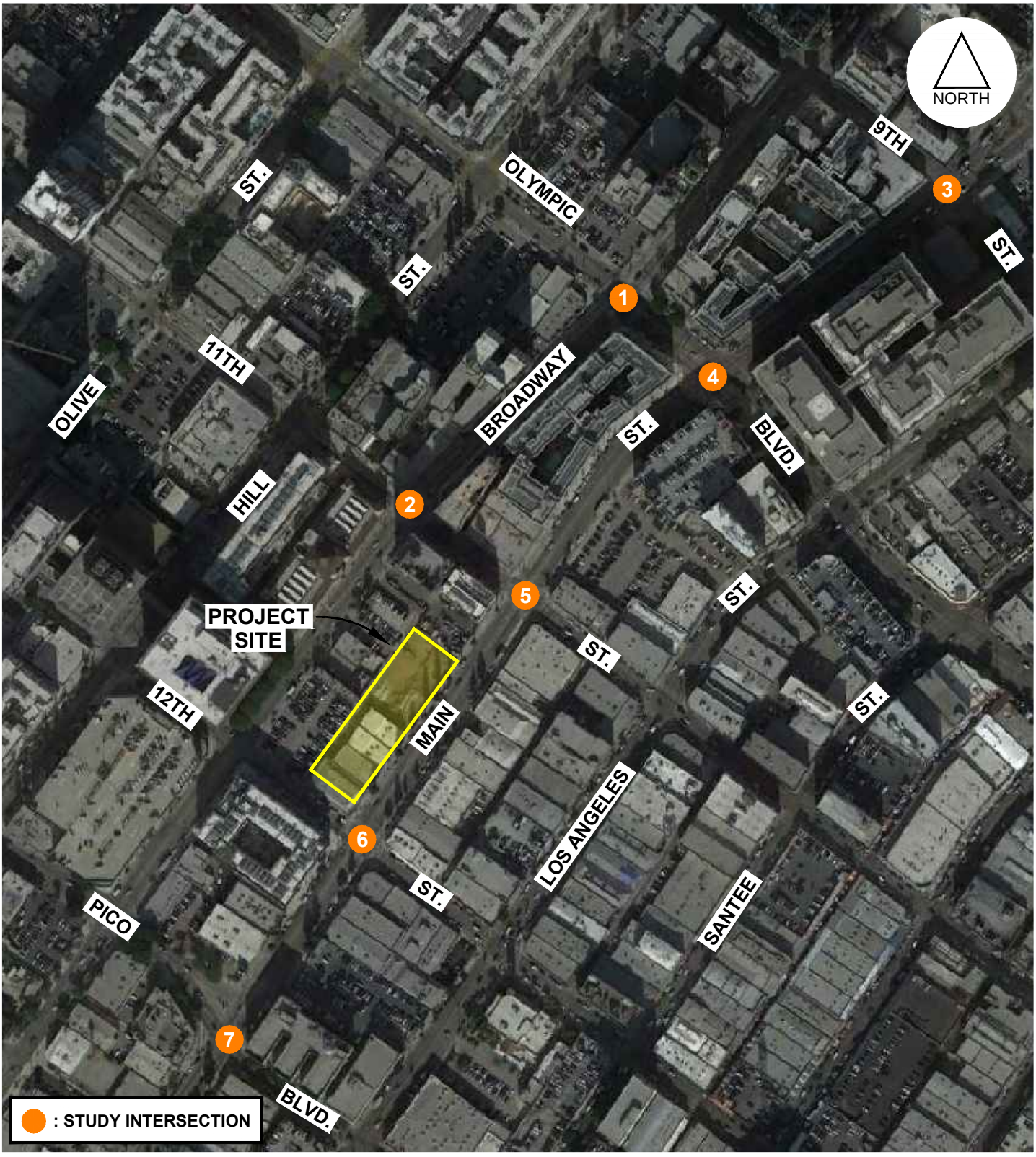
Main Street Tower
State Freeway Mainline and Off-Ramp Facilities Screening Analysis

FREEWAY MAINLINE VOLUME CALCULATIONS		Proj. Trip	Project Trips		Number	Capacity	Total	Percentage Added by Project		Threshold Percentage	Exceeds Threshold at LOS E/F?	Exceeds Threshold at LOS E/F?
Mainline Segment Location	Direction	Direction	AM	PM	of Lanes	per Lane*	Capacity	AM	PM	For Screening*	(AM Peak)	(PM Peak)
I-10 Fwy, w/o SR-110 Fwy	Eastbound	Inbound	0.5	3.1	4	2000	8000	0.01%	-0.03%	1.00%	No	No
	Westbound	Outbound	5.8	0.5	4	2000	8000	0.07%	0.01%	1.00%	No	No
US-101 Fwy, w/o SR-110 Fwy	Southbound	Inbound	0.3	1.9	4	2000	8000	0.00%	0.02%	1.00%	No	No
	Northbound	Outbound	3.2	0.6	4	2000	8000	0.04%	0.01%	1.00%	No	No
Mainline Segment Location												
FREEWAY OFF-RAMP VOLUME CALCULATIONS												
Off-Ramp Location												
I-10 Fwy EB Off-Ramp to Grand Ave	Eastbound	Inbound	0.4	2.6	1	850	850	0.04%	0.31%	1.00%	No	No

* Criteria for freeway mainline segments and off-ramps operating at LOS E or F per *Agreement Between City of Los Angeles and Caltrans District 7 On Freeway Impact Analysis Procedures, October 2013* and *First Amendment to the Agreement between LADOT and Caltrans District 7 on Freeway Impact Analysis Procedures, December 2015* .

ATTACHMENT 6

PROPOSED STUDY INTERSECTIONS



ATTACHMENT 6

11/19/2018

MainStreetTower\STUDY-INTS

PROPOSED STUDY INTERSECTIONS

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
300 Corporate Pointe, Suite 470
Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
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LADOT

Transportation Impact Study Memorandum of Understanding (MOU)

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LADOT Project Case Number: CEN18-47813 Project Site Plan attached? *(Required)* ■ Yes ☐ No

II. TRIP GENERATION

Geographic Distribution (Residential): N 40.00% S 15.00% E 20.00% W 20.00%

Geographic Distribution (Commercial): N 30.00 % S 22.00 % E 18.00 % W 30.00 %

Illustration of Project trip distribution percentages at Study intersections attached? *(Required)* ■ Yes ☐ No

Trip Generation Adjustments *(Exact amount of credit subject to approval by LADOT)*

	Yes	No
Transit Usage	■	☐
Transportation Demand Management	☐	■
Existing Active Land Use	■	☐
Previous Land Use	☐	■
Internal Trip	■	☐
Pass-By Trip	■	☐

Source of Trip Generation Rate(s)? ☐ ITE 9th Edition ■ Other: ITE Trip Generation Manual (10th Edition, 2017)

Trip generation table including a description of the proposed land uses, ITE rates, estimated morning and afternoon peak hour volumes (ins/outs/totals), proposed trip credits, etc. attached? *(Required)* ■ Yes ☐ No

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Subject to Freeway Impact Analysis, in addition to CMP Analysis? *(Freeway analysis screening filter must be included in this MOU; selecting "yes" implies that at least one criteria was satisfied)* ☐ Yes ■ No

Map of Study Intersections attached? *(May be subject to LADOT revision after initial impact analysis)* ■ Yes ☐ No

Is this Project located on a street within the High Injury Network? ☐ Yes ■ No

IV. CONTACT INFORMATION

	CONSULTANT	DEVELOPER
Name:	Crain & Associates	Frontier Holdings West, LLC; Regal Group, LLC; Main Fund Associates, LLC
Address:	300 Corporate Pointe, Suite 470, Culver City, CA 90230	888 S. Figueroa Street, Suite 1900, Los Angeles, CA 90017
Phone Number:	(310) 473-6508	(213) 745-5191
E-Mail:	rkelly@crainandassociates.com	daniel@jadeent.com

Approved by:	x Ryan J. Kelly (Digitally signed by Ryan J. Kelly DN: cn=Ryan J. Kelly, o=Crain & Associates, ou=Senior Transportation Engineer, email=rkelly@crainandassociates.com, c=US Date: 2018.12.07 12:54:50 -08'00')	12/7/2018	x Eileen Hunt (Digitally signed by Eileen Hunt Date: 2018.12.13 08:47:27 -08'00')	12/12/18
	Consultant's Representative	Date	LADOT Representative	Date

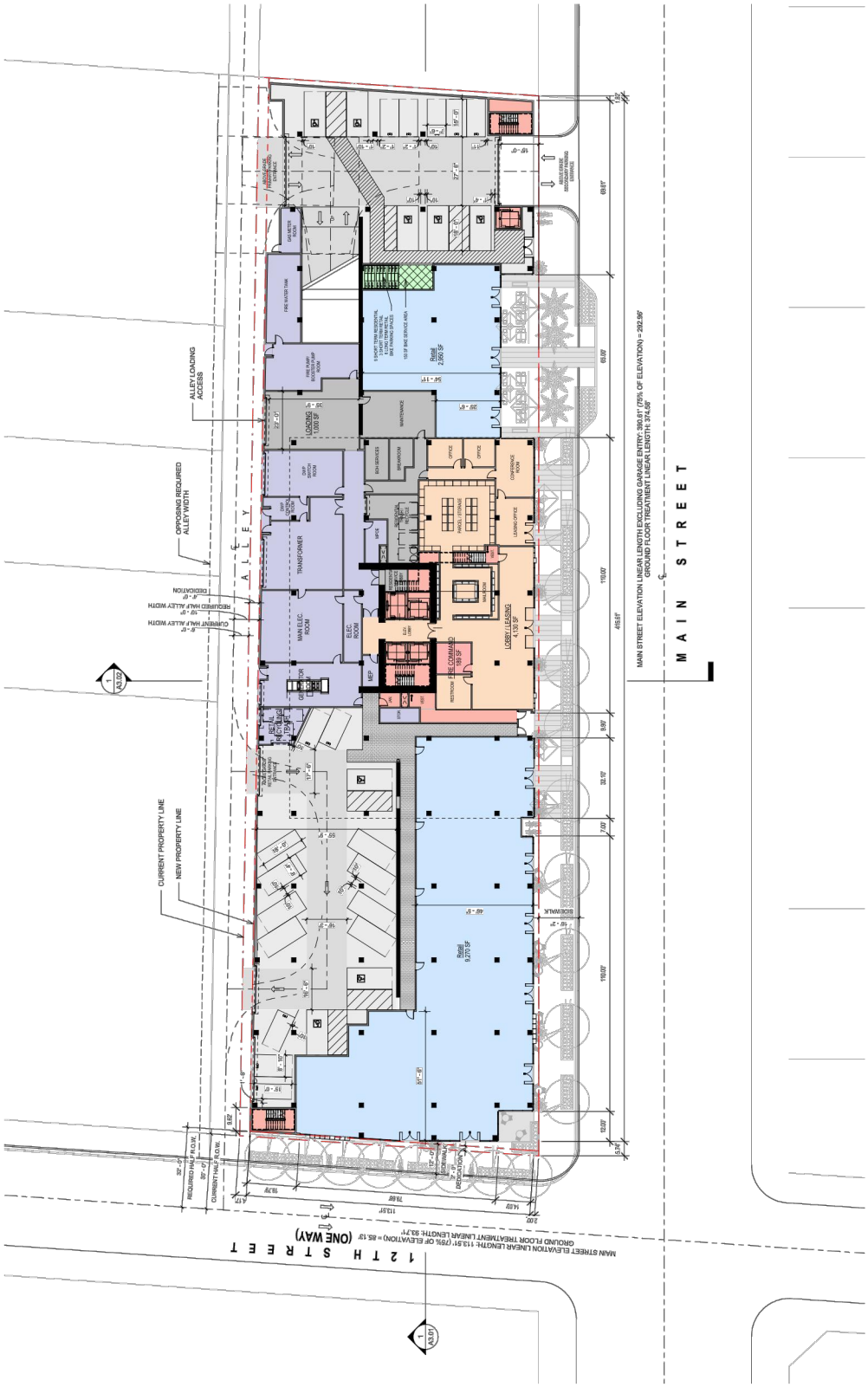
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LADOT Case No. CEN18-47813

ATTACHMENT 1

CONCEPTUAL PROJECT SITE PLAN



ATTACHMENT 1

12/6/2018

MainStreetTower\SITE PLAN

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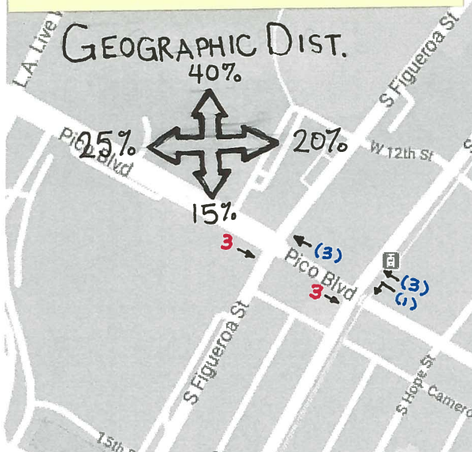
PROJECT TRIP DISTRIBUTION PERCENTAGES

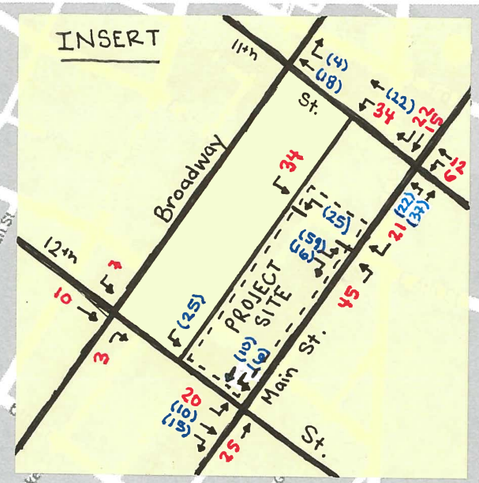
(Residential and Commercial Land Use Trip Distribution Percentages)

Main Street Tower
Residential Trip Distribution

Legend:

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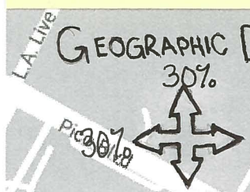
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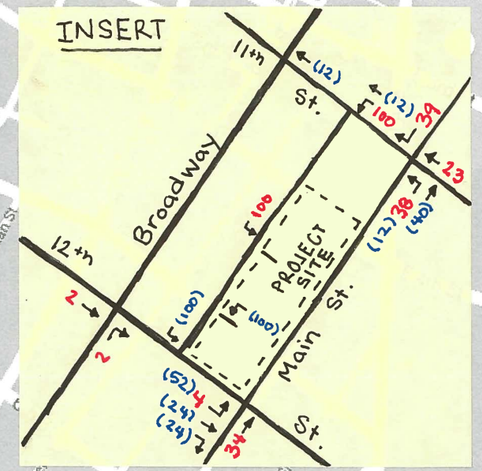
Map data ©2018 Google Terms 500 ft

MAIN STREET TOWER
COMMERCIAL TRIP DISTRIBUTION

Legend:

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(xx) : Outbound Percentage





SEE INSERT

Map data ©2018 Google Terms 500 ft

ATTACHMENT 3

PROJECT WEEKDAY TRIP GENERATION RATES AND SUMMARY

ATTACHMENT 3

MAIN STREET TOWER PROJECT
WEEKDAY TRIP GENERATION RATES AND SUMMARY[1]

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Multifamily Housing Total			711	9	66	75	46	19	65
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Shopping Center		12.500 ksf	472	7	5	12	23	25	48
15% Transit/Walk Adjustment[4]			(71)	(1)	(1)	(2)	(3)	(4)	(7)
Shopping Center With Transit/Walk Adjustment Subtotal			401	6	4	10	20	21	41
10% Internal Capture Adjustment[3]			(40)	(1)	0	(1)	(2)	(2)	(4)
Shopping Center With Internal Capture Adjustment Subtotal			361	5	4	9	18	19	37
50% Pass-By Adjustment[5]			(180)	(2)	(2)	(4)	(9)	(9)	(18)
Shopping Center Total			181	3	2	5	9	10	19
Proposed Project Driveway Trips (including Pass-By Trips)			**1,072**	**14**	**70**	**84**	**64**	**38**	**102**
Proposed Project Trips			**892**	**12**	**68**	**80**	**55**	**29**	**84**
EXISTING USE									
Commercial									
Shopping Center		26.710 ksf	1,008	16	9	25	49	53	102
15% Transit/Walk Adjustment[4]			(151)	(3)	(1)	(4)	(7)	(8)	(15)
Shopping Center With Transit/Walk Adjustment Subtotal			857	13	8	21	42	45	87
50% Pass-By Adjustment[5]			(428)	(6)	(4)	(10)	(21)	(22)	(43)
Shopping Center Total			429	7	4	11	21	23	44
Existing Project Driveway Trips (including Pass-By Trips)			**857**	**13**	**8**	**21**	**42**	**45**	**87**
Existing Project Trips			**429**	**7**	**4**	**11**	**21**	**23**	**44**
Net Project Driveway Trips (including Pass-By Trips)			**215**	**1**	**62**	**63**	**22**	**-7**	**15**
Net Project Trips			**463**	**5**	**64**	**69**	**34**	**6**	**40**

Notes:

1) ITE *Trip Generation Manual* (10th Edition, 2017) trip generation rates and equations applied. For Land Use Code 222 (Multifamily Housing [High-Rise]), rates for the Dense Multi-Use Urban setting were used, as this setting is more applicable to the Project site than the General Urban/Suburban setting and there is an adequate number of studies in the peak-hour time period datasets. For Land Use Code 820 (Shopping Center), rates for the General Urban/Suburban setting were used, as no daily rate is provided for the Dense Multi-Use Urban setting and the peak-hour rates are based on very limited data. Transit/walk adjustments were, therefore, only applied to the Shopping Center land use.
2) du = Dwelling Units; ksf = Thousands of Square Feet of Gross Leasable Floor Area.
3) 10 percent internal capture adjustment assumed. The internal capture adjustment is applied to the lower peak-hour trip-generating component of the uses sharing trips with each other (Shopping Center use). The internal trips for the higher trip-generating component (Multifamily Housing use) are then balanced with the internal trips to/from the lower trip-generating component.
4) Consistent with current LADOT *Transportation Impact Study Guidelines* , a 15 percent transit/walk adjustment has been assumed for the Shopping Center use (given that the Project is located within an approximately one-quarter mile walking distance of Metro rapid bus and rail service, and such an adjustment is not already accounted for in the General Urban/Suburban setting baseline trip rates).
5) Based on Attachment D of the current LADOT *Transportation Impact Study Guidelines* , appropriate pass-by trip adjustments have been applied to the Shopping Center land use category.

ATTACHMENT 4

RELATED PROJECTS LIST

(The related projects list will be requested from LADOT when we submit the MOU package for review.)

ATTACHMENT 5

FREEWAY IMPACT ANALYSIS SCREENING

MAIN STREET TOWER PROJECT
FREEWAY IMPACT ANALYSIS SCREENING

The following State of California Department of Transportation ("Caltrans") freeway impact analysis screening has been performed for the Main Street Tower project (the "Project") as part of the Transportation Impact Study Memorandum of Understanding (MOU), per the criteria set forth in the October 2013 *Agreement Between City of Los Angeles and Caltrans District 7 on Freeway Impact Analysis Procedures* (the "Agreement") and the December 2015 *First Amendment to the Agreement between LADOT and Caltrans District 7 on Freeway Impact Analysis Procedures* (the "Amendment").

Agreement and Amendment Freeway Impact Analysis Screening Criteria

Per Section 3 of the Agreement and the Amendment, the "City will require Project applicants to work with Caltrans and prepare a Freeway Impact Analysis, utilizing Caltrans' "Guide for the Preparation of Traffic Impact Studies" ("TIS Guide"), for land use proposals that meet any of the following criteria:

- The project's peak hour trips would result in a 1-percent or more increase to the freeway mainline capacity of a freeway segment operating at level-of-service (LOS) E or F (based on an assumed capacity of 2,000 vehicles per hour per lane); or
- The project's peak hour trips would result in a 2-percent or more increase to the freeway mainline capacity of a freeway segment operating at LOS D (based on an assumed capacity of 2,000 vehicles per hour per lane); or
- The project's peak hour trips would result in a 1-percent or more increase to the capacity of a freeway off-ramp operating at LOS E or F (based on an assumed ramp capacity of 850 vehicles per hour per lane); or
- The project's peak hour trips would result in a 2-percent or more increase to the capacity of a freeway off-ramp operating at LOS D (based on an assumed ramp capacity of 850 vehicles per hour per lane)."

Project Traffic Volume Contributions to State Facilities

In order to estimate the Project's traffic volume contributions to the freeway mainline and off-ramp locations most likely to be impacted by Project-related traffic, the Project's trip generation was first determined. In order to develop the traffic characteristics of the Project, the latest and most up-to-date version of the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (10th Edition, 2017) was used. The trip generation rates in the ITE manual are nationally recognized and are used as the basis for most traffic studies conducted in the City of Los Angeles and surrounding region. Attachment 3 of this Transportation Impact Study MOU presents the trip generation rates and summary for the Project's weekday daily, AM peak-hour,

and PM peak-hour traffic volumes. As shown, appropriate trip credits were applied to the baseline trip generation estimates to account for internally captured trips, use of public transportation, walk-trip potential, and pass-by trip activity.

Estimation of the geographic distribution of Project trips was the next step in the analytical process. Project trip distribution patterns were developed based on the Project uses, existing traffic patterns, characteristics of the surrounding roadway system, the geographic location of the Project site and its proximity to freeways and major travel routes, employment centers to which residents would likely be attracted, residential areas from which employees would likely be drawn, and the various regions generating visitors and patrons. Based on the abovementioned factors, the overall Project trip distribution percentages were determined and are summarized in Attachment 2 of this Transportation Impact Study MOU.

The Project trip generation and trip distribution patterns were then used to determine the Project traffic volume contributions to State facilities in the vicinity of the Project site. Table 1 summarizes the anticipated Project traffic volume contributions to the freeway mainline and off-ramp locations most likely to be impacted by Project traffic.

Freeway Mainline Segment Impact Analysis Screening

In order to perform the freeway mainline segment impact analysis screening, an initial check was performed to see if the directional mainline segments most likely to be impacted by Project traffic would meet the trigger Project traffic volume contributions assuming the most constrained operations on each segment. This initial freeway mainline segment impact screening analysis is shown in Table 2. Per the Agreement, the trigger percentage is a 2 percent or more increase in traffic volumes for a mainline segment at LOS D or a 1 percent or more increase for a segment at LOS E/F. The volume increases are relative to an assumed mainline segment capacity of 2,000 vehicles per hour per lane, per the Agreement. Therefore, the 1 percent trigger percentage was applied assuming LOS E/F freeway mainline operations.

Comparing the traffic volume contributions required to trigger a freeway segment impact analysis at LOS E/F with the anticipated Project volume contributions at each location, the thresholds would not be triggered at either of the two (2) directional segment locations. Therefore, a freeway mainline segment impact analysis is not required.

Freeway Off-Ramp Impact Analysis Screening

In order to perform the freeway off-ramp impact analysis screening, an initial check was performed to see if the off-ramp location most likely to be impacted by Project traffic would meet the trigger traffic volume contributions assuming the most constrained operations for the off-ramp. This initial freeway off-ramp screening analysis is shown in Table 2. Per the Agreement, the trigger percentage is a 2 percent or more increase in traffic volumes for a freeway off-ramp operating at LOS D or a 1 percent or more increase for an off-ramp at LOS E/F. These volume

increases are relative to the assumed capacity of 850 vehicles per hour per lane, per the Agreement and Amendment. Therefore, the 1 percent trigger percentage was applied assuming LOS E/F freeway off-ramp operations.

Comparing the traffic volume contributions required to trigger a freeway off-ramp impact analysis at LOS E/F with the anticipated Project volume contributions at the location, the thresholds would not be triggered at the one (1) freeway off-ramp location. Therefore, a freeway off-ramp impact analysis is not required.

TABLES

Table 1

Main Street Tower
Traffic Volume Contributions to State Freeway Mainline and Off-Ramp Facilities

PROJECT TRIP GENERATION

		Residential		Commercial	
	Direction	AM	PM	AM	PM
	Inbound	9	46	-4	-12
	Outbound	66	19	-2	-13

FREEWAY MAINLINE VOLUME CALCULATIONS

		Proj. Trip	Residential			Commercial			Project Total	
Mainline Segment Location	Direction	Direction	Percentage	AM	PM	Percentage	AM	PM	AM	PM
I-10 Fwy, w/o SR-110 Fwy	Eastbound	Inbound	9%	0.8	4.1	9%	-0.4	-1.1	0.5	3.1
	Westbound	Outbound	9%	5.9	1.7	9%	-0.2	-1.2	5.8	0.5
US-101 Fwy, w/o SR-110 Fwy	Southbound	Inbound	5%	0.5	2.3	3%	-0.1	-0.4	0.3	1.9
	Northbound	Outbound	5%	3.3	1.0	3%	-0.1	-0.4	3.2	0.6

FREEWAY OFF-RAMP VOLUME CALCULATIONS

Off-Ramp Location										
I-10 Fwy EB Off-Ramp to Grand Ave	Eastbound	Inbound	8%	0.7	3.7	9%	-0.4	-1.1	0.4	2.6

Table 2

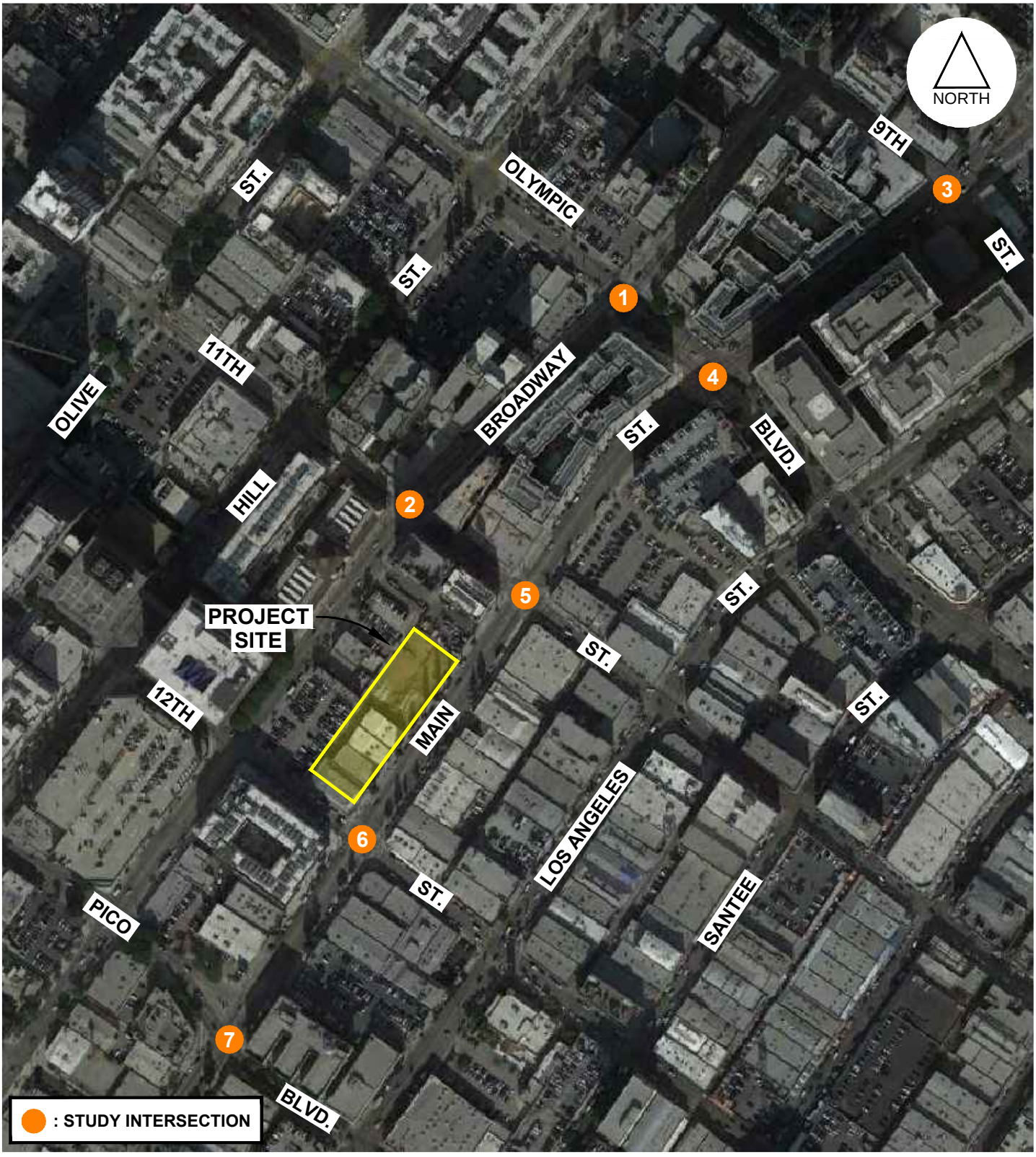
Main Street Tower
State Freeway Mainline and Off-Ramp Facilities Screening Analysis

FREEWAY MAINLINE VOLUME CALCULATIONS		Proj. Trip	Project Trips		Number	Capacity	Total	Percentage Added by Project		Threshold Percentage	Exceeds Threshold at LOS E/F?	Exceeds Threshold at LOS E/F?
Mainline Segment Location	Direction	Direction	AM	PM	of Lanes	per Lane*	Capacity	AM	PM	For Screening*	(AM Peak)	(PM Peak)
I-10 Fwy, w/o SR-110 Fwy	Eastbound	Inbound	0.5	3.1	4	2000	8000	0.01%	-0.03%	1.00%	No	No
	Westbound	Outbound	5.8	0.5	4	2000	8000	0.07%	0.01%	1.00%	No	No
US-101 Fwy, w/o SR-110 Fwy	Southbound	Inbound	0.3	1.9	4	2000	8000	0.00%	0.02%	1.00%	No	No
	Northbound	Outbound	3.2	0.6	4	2000	8000	0.04%	0.01%	1.00%	No	No
Mainline Segment Location												
FREEWAY OFF-RAMP VOLUME CALCULATIONS												
Off-Ramp Location												
I-10 Fwy EB Off-Ramp to Grand Ave	Eastbound	Inbound	0.4	2.6	1	850	850	0.04%	0.31%	1.00%	No	No

* Criteria for freeway mainline segments and off-ramps operating at LOS E or F per *Agreement Between City of Los Angeles and Caltrans District 7 On Freeway Impact Analysis Procedures, October 2013* and *First Amendment to the Agreement between LADOT and Caltrans District 7 on Freeway Impact Analysis Procedures, December 2015* .

ATTACHMENT 6

PROPOSED STUDY INTERSECTIONS



ATTACHMENT 6

11/19/2018

MainStreetTower\STUDY-INTS

PROPOSED STUDY INTERSECTIONS

CRAIN & ASSOCIATES
Transportation Planning
Traffic Engineering
300 Corporate Pointe, Suite 470
Culver City, California 90230
PH (310) 473 6508 F (310) 444 9771
www.crainandassociates.com

APPENDIX K:

TRIBAL CULTURAL RECORDS SEARCH

Dudek,
Tribal Cultural Resources Report
For The Main Street Tower Project
City of Los Angeles, Los Angeles County,
California,

September, 2021

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TRIBAL CULTURAL RESOURCES REPORT FOR THE MAIN STREET TOWER PROJECT

CITY OF LOS ANGELES, LOS ANGELES COUNTY, CALIFORNIA

PREPARED FOR:

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SEPTEMBER 2021

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EXECUTIVE SUMMARY

JADE Enterprises retained Dudek to conduct a Tribal Cultural Resources (TCRs) study for the Main Street Tower Project (project) for compliance with the California Environmental Quality Act (CEQA). The project site is located in the Central City North Community Plan Area of the City of Los Angeles, approximately 14 miles east of the Pacific Ocean. The project site is located within a heavily populated area at 1123-1165 South Main Street. The project is bound by East 12th Street to the southwest, commercial properties and associated parking lots to the northwest, two apartment buildings to the northeast, and South Main Street to the southeast. The project falls on public land survey system (PLSS) Township 1 South, Range 13 West, within an unsectioned portion of the *Hollywood*, CA 7.5-minute USGS Quadrangle

The present study documents the results of a California Historical Resources Information Systems (CHRIS) records search conducted at the South Central Coastal Information Center (SCCIC), and a search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF). This report further includes a cultural context and in-depth review of archival, academic, and ethnographic information. No Native American resources were identified within the project site or the surrounding area through the SCCIC records search (completed January 31, 2019) or through a search of the NAHC SLF (completed January 31, 2019). The project site has been substantially disturbed by previous construction, and is largely unsuited to support the presence of significant buried cultural resources or TCRs.

Given that no TCR has been identified that could be affected, no mitigation relating to TCRs is necessary. Should consultation result in the identification of a TCR that may be impacted by the project, appropriate measures must be included in the environmental document. The City is likely to adopt a standard condition of approval for unanticipated tribal cultural resources which is sufficient to avoid significant impacts. Based on current information, impacts to TCRs would be less than significant

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1 INTRODUCTION

JADE Enterprises, LLC retained Dudek to conduct a Tribal Cultural Resources (TCRs) study for the Main Street Towers Project (project) for compliance with the California Environmental Quality Act (CEQA). The present study documents the results of a California Historical Resources Information Systems (CHRIS) records search conducted at the South Central Coastal Information Center (SCCIC), and a search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF). This report further includes a cultural context and in-depth review of archival, academic, and ethnographic information.

1.1 Project Personnel

Adam Giacinto, MA, RPA, acted as principal archaeological and ethnographic investigator, Erica Nicolay, MA, drafted the present report, completed the SCCIC records search, and contacted the NAHC. Linda Kry, BA, provided management oversight and contributed to the present report. Micah Hale, PhD, RPA, reviewed recommendations for regulatory compliance.

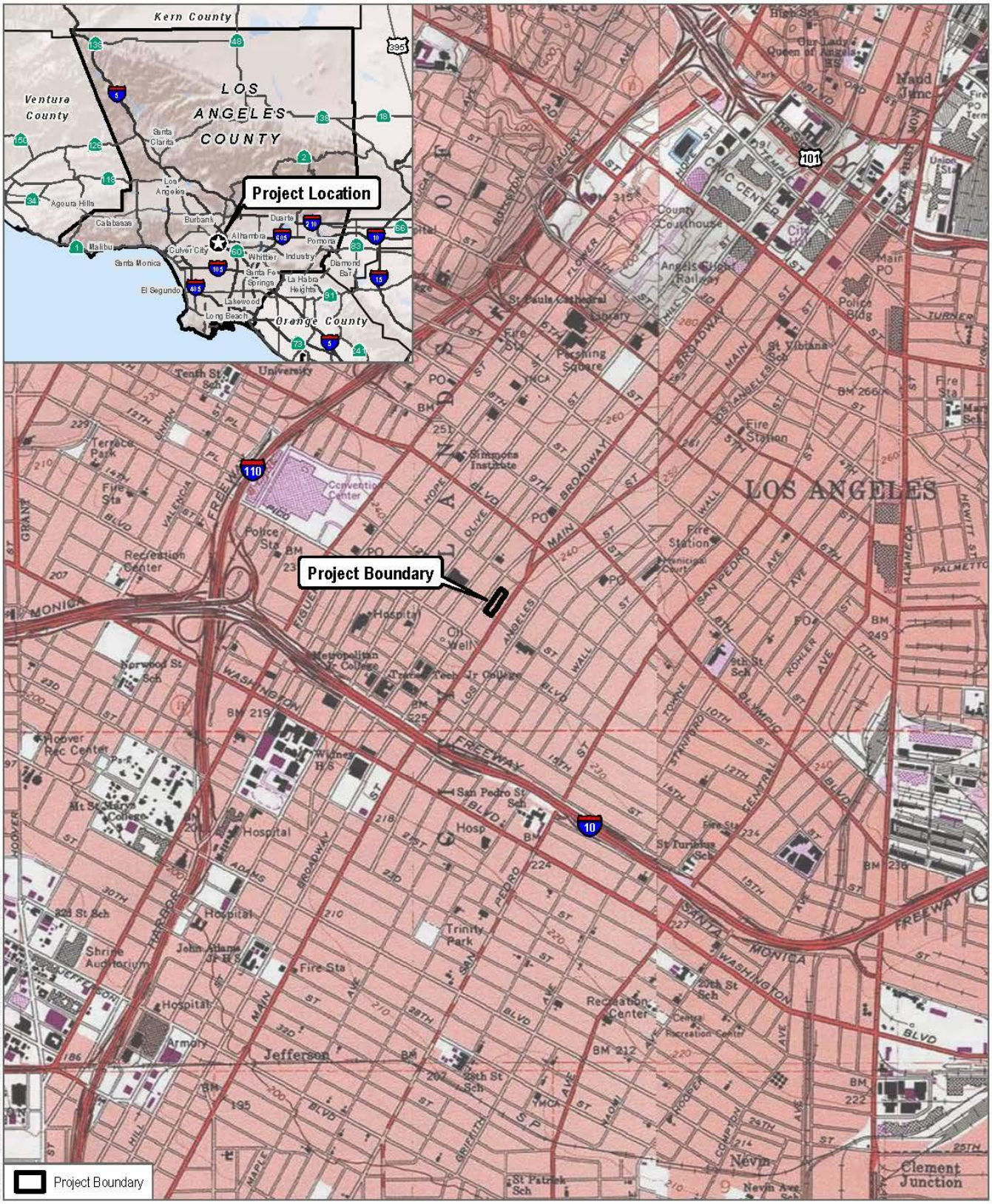
1.2 Project Location

The project site is located in the Central City North Community Plan Area of the City of Los Angeles, approximately 13 miles east of the Pacific Ocean. The 48,906-square-foot site (project) is located within a heavily populated area at 1123-1165 South Main Street and encompasses five parcels including Assessor Parcel Numbers (APNs) 5139-015, -016, -017-018, and -029. The project falls on public land survey system (PLSS) Township 1 South, Range 13 West, within an unsectioned portion of the *Hollywood*, CA 7.5-minute USGS Quadrangle (Figure 1). Currently the project site contains a parking lot encompassing addresses 1123-1137 South Main Street and are collectively listed under address 1127, and four commercial retail buildings at 1147, 1151, 1155, and 1165 South Main Street. The project is bound by East 12th Street to the southwest, commercial properties and associated parking lots to the northwest, two commercial lots to the northeast, and South Main Street to the southeast (Figure 2).

1.3 Project Description

The project proposes a new mixed-use development on a site located in the Central City North Community Plan area of the City of Los Angeles. The project would include a 30-story development, with 363 apartments, above a four-story podium with 12,500 square feet of retail. The apartments would include 122 studio units, 133 one-bedroom units, 96 two-bedroom units, and 12 three bedroom units. There would be approximately 35,216 square-feet of outdoor common open space, made up of two roof decks. The project would also include approximately 8,804 square feet of landscaped area. Additionally, the project would include parking for 373 cars and 195 bicycles. All parking for the development would be locating above ground. All existing commercial retail building within the project site would be demolished.

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SOURCE: USGS 7.5-Minute Series Hollywood Quadrangle
Township 1S / Range 13W / Section 32

DUDEK

0 1,000 2,000 Feet
0 250 500 Meters

FIGURE 1
Project Location
Main Street Project - Tribal Cultural Resources Report

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SOURCE: Bing Maps 2019; Los Angeles County 2017

DUDEK

0 50 100 Feet
0 12.5 25 Meters
1:1,200

FIGURE 2

Project Aerial

Main Street Project - Tribal Cultural Resources Report

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2 REGULATORY SETTING

This section includes a discussion of the applicable state laws, ordinances, regulations, and standards governing cultural resources, which must be adhered to before and during construction of the proposed project.

2.1 State

2.1.1 The California Register of Historical Resources (CRHR)

In California, the term "historical resource" includes, but is not limited to, "any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California" (California Public Resources Code (PRC), Section 5020.1(j)). In 1992, the California legislature established the California Register of Historical Resources (CRHR) "to be used by state and local agencies, private groups, and citizens to identify the state's historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from substantial adverse change" (PRC Section 5024.1(a)). The criteria for listing resources on the CRHR were expressly developed to be in accordance with previously established criteria developed for listing in the National Register of Historic Places (NRHP), enumerated below. According to PRC Section 5024.1(c)(1–4), a resource is considered historically significant if it (i) retains "substantial integrity," and (ii) meets at least one of the following criteria:

(1) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.

(2) Is associated with the lives of persons important in our past.

(3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.

(4) Has yielded, or may be likely to yield, information important in prehistory or history.

In order to understand the historic importance of a resource, sufficient time must have passed to obtain a scholarly perspective on the events or individuals associated with the resource. A resource less than 50 years old may be considered for listing in the CRHR if it can be demonstrated that sufficient time has passed to understand its historical importance (see 14 California Code of Regulations [CCR] 4852(d)(2)).

The CRHR protects cultural resources by requiring evaluations of the significance of prehistoric and historic resources. The criteria for the CRHR are nearly identical to those for the NRHP, and properties listed or formally designated as eligible for listing in the NRHP are automatically listed in the CRHR, as are the state landmarks and points of interest. The CRHR also includes properties designated under local ordinances or identified through local historical resource surveys.

2.1.2 California Environmental Quality Act

As described further, the following CEQA statutes (PRC Section 21000 et seq.) and CEQA Guidelines (14 CCR 15000 et seq.) are of relevance to the analysis of archaeological, historic, and tribal cultural resources:

- PRC Section 21083.2(g) defines "unique archaeological resource."
- PRC Section 21084.1 and CEQA Guidelines Section 15064.5(a) defines "historical resources." In addition, CEQA Guidelines Section 15064.5(b) defines the phrase "substantial adverse change in the significance of an historical resource"; it also defines the circumstances when a project would materially impair the significance of a historical resource.
- PRC Section 21074(a) defines "tribal cultural resources."
- PRC Section 5097.98 and CEQA Guidelines Section 15064.5(e) set forth standards and steps to be employed following the accidental discovery of human remains in any location other than a dedicated ceremony.
- PRC Sections 21083.2(b) and 21083.2(c) and CEQA Guidelines Section 15126.4 provide information regarding the mitigation framework for archaeological and historic resources, including examples of preservation-in-place mitigation measures. Preservation in place is the preferred manner of mitigating impacts to significant archaeological sites because it maintains the relationship between artifacts and the archaeological context, and may also help avoid conflict with religious or cultural values of groups associated with the archaeological site(s).

More specifically, under CEQA, a project may have a significant effect on the environment if it may cause "a substantial adverse change in the significance of an historical resource" (PRC Section 21084.1; CEQA Guidelines Section 15064.5(b)). If a site is listed or eligible for listing in the CRHR, or included in a local register of historic resources, or identified as significant in a historical resources survey (meeting the requirements of PRC Section 5024.1(q)), it is an "historical resource" and is presumed to be historically or culturally significant for purposes of CEQA (PRC Section 21084.1; CEQA Guidelines Section 15064.5(a)). The lead agency is not precluded from determining that a resource is a historical resource even if it does not fall within this presumption (PRC Section 21084.1; CEQA Guidelines Section 15064.5(a)).

A "substantial adverse change in the significance of an historical resource" reflecting a significant effect under CEQA means "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired" (CEQA Guidelines Section 15064.5(b)(1); PRC Section 5020.1(q)). In turn, the significance of a historical resource is materially impaired when a project does any of the following:

(1) Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register; or

(2) Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to Section 5020.1(k) of the PRC or its identification in an historical resources survey meeting the requirements of Section 5024.1(g) of the PRC, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

(3) Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register as determined by a lead agency for purposes of CEQA (CEQA Guidelines Section 15064.5(b)(2)).

Pursuant to these sections, the CEQA inquiry begins with evaluating whether a project site contains any "historical resources," then evaluates whether that project will cause a substantial adverse change in the significance of a historical resource such that the resource's historical significance is materially impaired.

If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that they cannot be left undisturbed, mitigation measures are required (PRC Sections 21083.2(a)–(c)).

Section 21083.2(g) defines a unique archaeological resource as an archaeological artifact, object, or site about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

(1) Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.

(2) Has a special and particular quality such as being the oldest of its type or the best available example of its type.

(3) Is directly associated with a scientifically recognized important prehistoric or historic event or person (PRC Section 21083.2(g)).

Impacts on non-unique archaeological resources are generally not considered a significant environmental impact (PRC Section 21083.2(a); CEQA Guidelines Section 15064.5(c)(4)). However, if a non-unique archaeological resource qualifies as a TCR (PRC Sections 21074(c) and 21083.2(h)), further consideration of significant impacts is required.

CEQA Guidelines Section 15064.5 assigns special importance to human remains and specifies procedures to be used when Native American remains are discovered. As described below, these procedures are detailed in PRC Section 5097.98.

2.1.3 California Health and Safety Code Section 7050.5

California law protects Native American burials, skeletal remains, and associated grave goods, regardless of their antiquity, and provides for the sensitive treatment and disposition of those remains. California Health and Safety Code Section 7050.5 requires that if human remains are discovered in any place other than a dedicated cemetery, no further disturbance or excavation of the site or nearby area reasonably suspected to contain human remains shall occur until the county coroner has examined the remains (Section 7050.5(b)). PRC Section 5097.98 also outlines the process to be followed in the event that remains are discovered. If the coroner determines or has reason to believe the remains are those of a Native American, the coroner must contact NAHC within 24 hours (Section 7050.5(c)). NAHC will notify the "most likely descendant." With the permission of the landowner, the most likely descendant may inspect the site of discovery. The inspection must be completed within 48 hours of notification of the most likely descendant by NAHC. The most likely descendant may recommend means of treating or disposing of, with appropriate dignity, the human remains and items associated with Native Americans.

2.2 Local Regulations

2.2.1 Los Angeles Historic-Cultural Monuments

Local landmarks in the City of Los Angeles are known as Historic-Cultural Monument (HCMs) and are under the aegis of the Planning Department, Office of Historic Resources. They are defined in the Cultural Heritage Ordinance as follows (Los Angeles Municipal Code Section 22.171.7, added by Ordinance No. 178,402, effective April 2, 2007):

> Historic-Cultural Monument (Monument) is any site (including significant trees or other plant life located on the site), building or structure of particular historic or cultural significance to the City of Los Angeles, including historic structures or sites in which the broad cultural, economic or social history of the nation, State or community is reflected or exemplified; or which is identified with historic personages or with important events in the main currents of national, State or local history; or which embodies the distinguishing characteristics of an architectural type specimen, inherently valuable for a study of a period, style or method of construction; or a notable work of a master builder, designer, or architect whose individual genius influenced his or her age.

This definition has been broken down into four HCM designation criteria that closely parallel the existing NRHP and CRHR criteria – the HCM:

1. Is identified with important events in the main currents of national, State or local history, or exemplifies significant contributions to the broad cultural, political, economic or social history of the nation, state, city, or community; or

2. Is associated with the lives of Historic Personages important to national, state, city, or local history; or

3. Embodies the distinctive characteristics of a style, type, period, or method of construction; or represents a notable work of a master designer, builder or architect whose genius influenced his or her age; or possesses high artistic values; or

4. Has yielded, or has the potential to yield, information important to the pre-history or history of the nation, state, city or community.

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3 ENVIRONMENTAL SETTING

3.1 Environmental Setting and Current Conditions

The northern half of the project site was recently razed and converted into a parking lot, while the southern half of the project site is currently developed with four commercial buildings. The project site is located within a highly urbanized area, surrounded by existing and planned development. Surrounding uses in the immediate vicinity of the project site include commercial, office and residential uses to the east and west; residential uses to the north; commercial and office uses to the west; and commercial and residential uses to the south. One residential building to the northeast of the project site at the corner of South Broadway and West 11th Street, is currently under renovation.

The project site is situated in the valley representing Downtown Los Angeles, approximately 13 miles northeast of the Pacific Ocean and approximately 1.2 miles west of the Los Angeles River. Existing development is underlain by Quaternary alluvium and marine deposits, generally dating between the Pliocene and the Holocene. Soils are dominated by the Urban land, commercial, complex, associated with low-slope alluvial conditions (USDA 2019). Due the size and nature of past development associated with the surroundings structures and existing paved area native subsurface soils with potential to support the presence of cultural deposits have likely been disturbed.

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4 CULTURAL SETTING

4.1 Prehistoric Overview

Evidence for continuous human occupation in Southern California spans the last 10,000 years. Various attempts to parse out variability in archaeological assemblages over this broad period have led to the development of several cultural chronologies; some of these are based on geologic time, most are based on temporal trends in archaeological assemblages, and others are interpretive reconstructions. To be more inclusive, this research employs a common set of generalized terms used to describe chronological trends in assemblage composition: Paleoindian (pre-5500 BC), Archaic (8000 BC–AD 500), Late Prehistoric (AD 500–1769), and Ethnohistoric (post-AD 1769).

4.1.1 Paleoindian Period (pre-5500 BC)

Evidence for Paleoindian occupation in the region is tenuous. Our knowledge of associated cultural pattern(s) is informed by a relatively sparse body of data that has been collected from within an area extending from coastal San Diego, through the Mojave Desert, and beyond. One of the earliest dated archaeological assemblages in the region is located in coastal Southern California (though contemporaneous sites are present in the Channel Islands) derives from SDI-4669/W-12 in La Jolla. A human burial from SDI-4669 was radiocarbon dated to 9,590–9,920 years before present (95.4% probability) (Hector 2006). The burial is part of a larger site complex that contained more than 29 human burials associated with an assemblage that fits the Archaic profile (i.e., large amounts of ground stone, battered cobbles, and expedient flake tools). In contrast, typical Paleoindian assemblages include large stemmed projectile points, high proportions of formal lithic tools, bifacial lithic reduction strategies, and relatively small proportions of ground stone tools. Prime examples of this pattern are sites that were studied by Emma Lou Davis (1978) on Naval Air Weapons Station China Lake near Ridgecrest, California. These sites contained fluted and unfluted stemmed points and large numbers of formal flake tools (e.g., shaped scrapers, blades). Other typical Paleoindian sites include the Komodo site (MNO-679)—a multi-component fluted point site, and MNO-680—a single component Great Basined Stemmed point site (see Basgall et al. 2002). At MNO-679 and -680, ground stone tools were rare while finely made projectile points were common.

Warren et al. (2004) claimed that a biface (prehistoric stone tool that has been flaked on both faces), manufacturing tradition present at the Harris site complex (SDI-149) is representative of typical Paleoindian occupation in the region that possibly dates between 10,365 and 8,200 BC (Warren et al. 2004). Termed San Dieguito (see also Rogers 1945), assemblages at the Harris site are qualitatively distinct from most others in region because the site has large numbers of finely made bifaces (including projectile points), formal flake tools, a biface reduction trajectory, and relatively small amounts of processing tools (see also Warren 1968). Despite the unique assemblage composition, the definition of San Dieguito as a separate cultural tradition is hotly debated. Gallegos (1987) suggested that the San Dieguito pattern is simply an inland manifestation of a broader economic pattern. Gallegos's interpretation of San Dieguito has been widely accepted in recent years, in part

because of the difficulty in distinguishing San Dieguito components from other assemblage constituents. In other words, it is easier to ignore San Dieguito as a distinct socioeconomic pattern than it is to draw it out of mixed assemblages.

The large number of finished bifaces (i.e., projectile points and non-projectile blades), along with large numbers of formal flake tools at the Harris site complex, is very different than nearly all other assemblages throughout the region, regardless of age. Warren et al. (2004) made this point, tabulating basic assemblage constituents for key early Holocene sites. Producing finely made bifaces and formal flake tools implies that relatively large amounts of time were spent for tool manufacture. Such a strategy contrasts with the expedient flake-based tools and cobble-core reduction strategy that typifies non-San Dieguito Archaic sites. It can be inferred from the uniquely high degree of San Dieguito assemblage formality that the Harris site complex represents a distinct economic strategy from non-San Dieguito assemblages.

San Dieguito sites are rare in the inland valleys, with one possible candidate, RIV-2798/H, located on the shore of Lake Elsinore. Excavations at Locus B at RIV-2798/H produced a toolkit consisting predominately of flaked stone tools, including crescents, points, and bifaces, and lesser amounts of groundstone tools, among other items (Grenda 1997). A calibrated and reservoir-corrected radiocarbon date from a shell produced a date of 6630 BC. Grenda (1997) suggested this site represents seasonal exploitation of lacustrine resources and small game and resembles coastal San Dieguito assemblages and spatial patterning.

If San Dieguito truly represents a distinct socioeconomic strategy from the non-San Dieguito Archaic processing regime, its rarity implies that it was not only short-lived, but that it was not as economically successful as the Archaic strategy. Such a conclusion would fit with other trends in Southern California deserts, where hunting-related tools were replaced by processing tools during the early Holocene (see Basgall and Hall 1990).

4.1.2 Archaic Period (8000 BC – AD 500)

The more than 2,500-year overlap between the presumed age of Paleoindian occupations and the Archaic period highlights the difficulty in defining a cultural chronology in Southern California. If San Dieguito is the only recognized Paleoindian component in the coastal Southern California, then the dominance of hunting tools implies that it derives from Great Basin adaptive strategies and is not necessarily a local adaptation. Warren et al. (2004) admitted as much, citing strong desert connections with San Dieguito. Thus, the Archaic pattern is the earliest local socioeconomic adaptation in the region (see Hale 2001, 2009).

The Archaic pattern, which has also been termed the Millingstone Horizon (among others), is relatively easy to define with assemblages that consist primarily of processing tools, such as millingstones, handstones, battered cobbles, heavy crude scrapers, incipient flake-based tools, and cobble-core reduction. These assemblages occur in all environments across the region with little variability in tool composition. Low assemblage variability over time and space among Archaic sites has been equated with cultural conservatism (see Basgall and Hall 1990; Byrd and Reddy 2002; Warren 1968; Warren et al. 2004). Despite enormous

amounts of archaeological work at Archaic sites, little change in assemblage composition occurred until the bow and arrow was adopted around AD 500, as well as ceramics at approximately the same time (Griset 1996; Hale 2009). Even then, assemblage formality remained low. After the bow was adopted, small arrow points appear in large quantities and already low amounts of formal flake tools are replaced by increasing amounts of expedient flake tools. Similarly, shaped millingstones and handstones decreased in proportion relative to expedient, unshaped ground stone tools (Hale 2009). Thus, the terminus of the Archaic period is equally as hard to define as its beginning because basic assemblage constituents and patterns of manufacturing investment remain stable, complemented only by the addition of the bow and ceramics.

4.1.3 Late Prehistoric Period (AD 500–1769)

The period of time following the Archaic and before Ethnohistoric times (AD 1769) is commonly referred to as the Late Prehistoric (Rogers 1945; Wallace 1955; Warren et al. 2004); however, several other subdivisions continue to be used to describe various shifts in assemblage composition. In general, this period is defined by the addition of arrow points and ceramics, as well as the widespread use of bedrock mortars. The fundamental Late Prehistoric assemblage is very similar to the Archaic pattern, but includes arrow points and large quantities of fine debitage from producing arrow points, ceramics, and cremations. The appearance of mortars and pestles is difficult to place in time because most mortars are on bedrock surfaces. Some argue that the Ethnohistoric intensive acorn economy extends as far back as AD 500 (Bean and Shipek 1978). However, there is no substantial evidence that reliance on acorns, and the accompanying use of mortars and pestles, occurred before AD 1400. Millingstones and handstones persisted in higher frequencies than mortars and pestles until the last 500 years (Basgall and Hall 1990); even then, weighing the economic significance of millingstone-handstone versus mortar-pestle technology is tenuous due to incomplete information on archaeological assemblages.

4.2 Ethnographic Overview

The history of the Native American communities prior to the mid-1700s has largely been reconstructed through later mission-period and early ethnographic accounts. The first records of the Native American inhabitants of the region come predominantly from European merchants, missionaries, military personnel, and explorers. These brief, and generally peripheral, accounts were prepared with the intent of furthering respective colonial and economic aims and were combined with observations of the landscape. They were not intended to be unbiased accounts regarding the cultural structures and community practices of the newly encountered cultural groups. The establishment of the missions in the region brought more extensive documentation of Native American communities, though these groups did not become the focus of formal and in-depth ethnographic study until the early twentieth century (Bean and Shipek 1978; Boscana 1846; Geiger and Meighan 1976; Harrington 1934; Laylander 2000; Sparkman 1908; White 1963). The principal intent of these researchers was to record the precontact, culturally specific practices, ideologies, and languages that had survived the destabilizing effects of missionization and colonialism. This research, often understood as "salvage ethnography," was driven by the understanding that traditional knowledge was being lost due to the impacts of modernization and cultural

assimilation. Alfred Kroeber applied his "memory culture" approach (Lightfoot 2005, p. 32) by recording languages and oral histories within the region. Ethnographic research by Dubois, Kroeber, Harrington, Spier, and others during the early twentieth century seemed to indicate that traditional cultural practices and beliefs survived among local Native American communities.

It is important to note that even though there were many informants for these early ethnographies who were able to provide information from personal experiences about native life before the Europeans, a significantly large proportion of these informants were born after 1850 (Heizer and Nissen 1973); therefore, the documentation of pre-contact, aboriginal culture was being increasingly supplied by individuals born in California after considerable contact with Europeans. As Robert F. Heizer (1978) stated, this is an important issue to note when examining these ethnographies, since considerable culture change had undoubtedly occurred by 1850 among the Native American survivors of California. This is also a particularly important consideration for studies focused on TCRs; where concepts of "cultural resource" and the importance of traditional cultural places are intended to be interpreted based on the values expressed by present-day Native American representatives and may vary from archaeological values (Giacinto 2012).

Based on ethnographic information, it is believed that at least 88 different languages were spoken from Baja California Sur to the southern Oregon state border at the time of Spanish contact (Johnson and Lorenz 2006, p. 34). The distribution of recorded Native American languages has been dispersed as a geographic mosaic across California through six primary language families (Golla 2007).

Victor Golla has contended that one can interpret the amount of variability within specific language groups as being associated with the relative "time depth" of the speaking populations (Golla 2007, p. 80) A large amount of variation within the language of a group represents a greater time depth then a group's language with less internal diversity. One method that he has employed is by drawing comparisons with historically documented changes in Germanic and Romantic language groups. Golla has observed that the "absolute chronology of the internal diversification within a language family" can be correlated with archaeological dates (2007, p. 71). This type of interpretation is modeled on concepts of genetic drift and gene flows that are associated with migration and population isolation in the biological sciences.

The tribes of this area have traditionally spoken Takic languages that may be assigned to the larger Uto–Aztecan family (Golla 2007, p. 74). These groups include the Gabrielino, Cahuilla, and Serrano. Golla has interpreted the amount of internal diversity within these language-speaking communities to reflect a time depth of approximately 2,000 years. Other researchers have contended that Takic may have diverged from Uto–Aztecan ca. 2600 BC–AD 1, which was later followed by the diversification within the Takic speaking tribes, occurring approximately 1500 BC–AD 1000 (Laylander 2010).

4.2.1 Gabrielino/Tongva

Based on evidence presented through past archaeological investigations, the Gabrielino appear to have arrived in the Los Angeles Basin around 500 B.C. Surrounding native groups included the Chumash and Tataviam to the northwest, the Serrano and Cahuilla to the northeast, and the Juaneño and Luiseño to the southeast.

The names by which Native Americans identified themselves have, for the most part, been lost and replaced by those derived by the Spanish people administering the local Missions. These names were not necessarily representative of a specific ethnic or tribal group, and traditional tribal names are unknown in the post-Contact period. The name "Gabrielino" was first established by the Spanish from the San Gabriel Mission and included people from the established Gabrielino area as well as other social groups (Bean and Smith 1978; Kroeber 1925). Many modern Native Americans commonly referred to as Gabrielino identify themselves as descendants of the indigenous people living across the plains of the Los Angeles Basin and refer to themselves as the Tongva (King 1994). This term is used here in reference to the pre-Contact inhabitants of the Los Angeles Basin and their descendants.

The Tongva established large, permanent villages along rivers and streams, and lived in sheltered areas along the coast. Tongva lands included the greater Los Angeles Basin and three Channel Islands, San Clemente, San Nicolas, and Santa Catalina and stretched from the foothills of the San Gabriel Mountains to the Pacific Ocean. Tribal population has been estimated to be at least 5,000 (Bean and Smith 1978), but recent ethnohistoric work suggests a much larger population, approaching 10,000 (O'Neil 2002). Archaeological sites composed of villages with various sized structures have been identified through the Los Angeles Basin. Within the permanent village sites, the Tongva constructed large, circular, domed houses made of willow poles thatched with tule, each of which could hold upwards of 50 people (Bean and Smith 1978). Other structures constructed throughout the villages probably served as sweathouses, menstrual huts, ceremonial enclosures, and communal granaries. Cleared fields for races and games, such as lacrosse and pole throwing, were created adjacent to Tongva villages (McCawley 1996).

The largest, and best documented, ethnographic Tongva village in the vicinity was that of *Yanga* (also known as *Yaangna*, *Janga*, and *Yabit*), which was in the vicinity of the downtown Los Angeles. It is important to note that the village was reported to have been identified multiple times throughout the 19th century within the area located north of present day Temple Street as far as Union Station. This falls approximately 1.2 miles to 2 miles north of the Project site, as will be discussed in greater detail in following sections (McCawley 1996:56-57; NEA and King 2004). This village was reportedly first encountered by the Portola expedition in 1769. In 1771, Mission San Gabriel was established. Yanga provided a large number of the recruitments to this mission; however, following the founding of the Pueblo of Los Angeles in 1781, opportunities for local paid work became increasingly common, which had the result of reducing the number of Native American neophytes from the immediately surrounding area (NEA and King 2004). Mission records indicate that 179 Gabrieleno inhabitants of Yanga were recruited to San Gabriel Mission (NEA and King 2004: 104). Based on this

information, Yanga may have been the most populated village in the Western Gabrieleno territory. Second in size, and less thoroughly documented, the village of Cahuenga was located slightly closer, just north of the Cahuenga Pass

Father Juan Crespi passed through the area near this village on August 2-3, 1769. The pertinent sections from his translated diary are provided here:

> Sage for refreshment is very plentiful at all three rivers and very good here at the Porciúncula [the Los Angeles River]. At once on our reaching here, eight heathens came over from a good sized village encamped at this pleasing spot among some trees. They came bringing two or three large bowls or baskets half-full of very good sage with other sorts of grass seeds that they consume; all brought their bows and arrows but with the strings removed from the bows. In his hands the chief bore strings of shell beads of the sort that they use, and on reaching the camp they threw the handfuls of these beads at each of us. Some of the heathens came up smoking on pipes made of baked clay, and they blew three mouthfuls of smoke into the air toward each one of us. The Captain and myself gave them tobacco, and he gave them our own kind of beads, and accepted the sage from them and gave us a share of it for refreshment; and very delicious sage it is for that purpose.

We set out at a half past six in the morning from this pleasing, lush river and valley of Our Lady of Angeles of La Porciúncula. We crossed the river here where it is carrying a good deal of water almost at ground level, and on crossing it, came into a great vineyard of grapevines and countless rose bushes having a great many open blossoms, all of it very dark friable soil. Keeping upon a westerly course over very grass-grown, entirely level soils with grand grasses, on going about half a league we came upon the village belonging to this place, where they came out to meet and see us, and men, women, and children in good numbers, on approaching they commenced howling at us though they had been wolves, just as before back at the spot called San Francisco Solano. We greeted them and they wished to give us seeds. As we had nothing at hand to carry them in, we refused [Brown 2002:339-341, 343].The environment surrounding the Tongva included mountains, foothills, valleys, deserts, riparian, estuarine, and open and rocky coastal eco-niches. Like most native Californians, acorns (the processing of which was established by the early Intermediate Period) were the staple food source. Acorns were supplemented by the roots, leaves, seeds, and fruits of a wide variety of flora (e.g., islay, cactus, yucca, sages, and agave). Fresh water and saltwater fish, shellfish, birds, reptiles, and insects, as well as large and small mammals, were also consumed (Bean and Smith 1978:546; Kroeber 1925; McCawley 1996).

Tools and implements used by the Tongva to gather and collect food resources included the bow and arrow, traps, nets, blinds, throwing sticks and slings, spears, harpoons, and hooks. Trade between the mainland and the Channel Islands Groups was conducted using plank canoes as well as tule balsa canoes. These canoes were also used for general fishing and travel (McCawley 1996).

The collected food resources were processed food with hammerstones and anvils, mortars and pestles, manos and metates, strainers, leaching baskets and bowls, knives, bone saws, and wooden drying racks. Catalina Island steatite was used to make ollas and cooking vessels (Blackburn 1963; Kroeber 1925; McCawley 1996).

The Chinigchinich cult, centered on the last of a series of heroic mythological figures, was the basis of religious life at the time of Spanish contact. The Chinigchinich cult not only provided laws and institutions, but it also taught people how to dance, which was the primary religious act for this society. The Chinigchinich religion seems to have been relatively new when the Spanish arrived. It was spreading south into the Southern Takic groups even as Christian missions were being built. This cult may be the result of a mixture of native and Christian belief systems and practices (McCawley 1996).

Inhumation of deceased Tongva was the more common method of burial on the Channel Islands while neighboring mainland coast people performed cremation (Harrington 1942; McCawley 1996). Cremation ashes have been found buried within stone bowls and in shell dishes (Ashby and Winterbourne 1966), as well as scattered among broken ground stone implements (Cleland et al. 2007). Supporting this finding in the archaeological record, ethnographic descriptions have provided an elaborate mourning ceremony. Offerings varied with the sex and status of the deceased (Johnston 1962; McCawley 1996; Reid 1926). At the behest of the Spanish missionaries, cremation essentially ceased during the post-Contact period (McCawley 1996).

4.3 Historic-Period Overview

Post-Contact history for the State of California is generally divided into three periods: the Spanish Period (1769–1821), Mexican Period (1821–1848), and American Period (1846–present). Although Spanish, Russian, and British explorers visited the area for brief periods between 1529 and 1769, the Spanish Period in California begins with the establishment in 1769 of a settlement at San Diego and the founding of Mission San Diego de Alcalá, the first of 21 missions constructed between 1769 and 1823. Independence from Spain in 1821 marks the beginning of the Mexican Period, and the signing of the Treaty of Guadalupe Hidalgo in 1848, ending the Mexican–American War, signals the beginning of the American Period when California became a territory of the United States.

4.3.1 Spanish Period (1769–1821)

Spanish explorers made sailing expeditions along the coast of southern California between the mid-1500s and mid-1700s. In search of the legendary Northwest Passage, Juan Rodríquez Cabrillo stopped in 1542 at present-day San Diego Bay. With his crew, Cabrillo explored the shorelines of present Catalina Island as well as San Pedro and Santa Monica Bays. Much of the present California and Oregon coastline was mapped and recorded in the next half-century by Spanish naval officer Sebastián Vizcaíno. Vizcaíno's crew also landed on Santa Catalina Island and at San Pedro and Santa Monica Bays, giving each location its long-standing name. The Spanish crown laid claim to California based on the surveys conducted by Cabrillo and Vizcaíno (Bancroft 1885; Gumprecht 1999).

More than 200 years passed before Spain began the colonization and inland exploration of Alta California. The 1769 overland expedition by Captain Gaspar de Portolá marks the beginning of California's Historic period, occurring just after the King of Spain installed the Franciscan Order to direct religious and colonization matters in assigned territories of the Americas. With a band of 64 soldiers, missionaries, Baja (lower) California Native Americans, and Mexican civilians, Portolá established the Presidio of San Diego, a fortified military outpost, as the first Spanish settlement in Alta California. In July of 1769, while Portolá was exploring southern California, Franciscan Fr. Junípero Serra founded Mission San Diego de Alcalá at Presidio Hill, the first of the 21 missions that would be established in Alta California by the Spanish and the Franciscan Order between 1769 and 1823.

The Portolá expedition first reached the present-day boundaries of Los Angeles in August 1769, thereby becoming the first Europeans to visit the area. Father Crespi named "the campsite by the river Nuestra Señora la Reina de los Angeles de la Porciúncula" or "Our Lady the Queen of the Angels of the Porciúncula." Two years later, Friar Junípero Serra returned to the valley to establish a Catholic mission, the Mission San Gabriel Arcángel, on September 8, 1771 (Kyle 2002). Mission San Fernando Rey de España was established nearly 30 years later on September 8, 1797.

4.3.2 Mexican Period (1821–1846)

A major emphasis during the Spanish Period in California was the construction of missions and associated presidios to integrate the Native American population into Christianity and communal enterprise. Incentives were also provided to bring settlers to pueblos or towns, but just three pueblos were established during the Spanish Period, only two of which were successful and remain as California cities (San José and Los Angeles). Several factors kept growth within Alta California to a minimum, including the threat of foreign invasion, political dissatisfaction, and unrest among the indigenous population. After more than a decade of intermittent rebellion and warfare, New Spain (Mexico and the California territory) won independence from Spain in 1821. In 1822, the Mexican legislative body in California ended isolationist policies designed to protect the Spanish monopoly on trade, and decreed California ports open to foreign merchants (Dallas 1955).

Extensive land grants were established in the interior during the Mexican Period, in part to increase the population inland from the more settled coastal areas where the Spanish had first concentrated their colonization efforts. Nine ranchos were granted between 1837 and 1846 in the future Orange County (Middlebrook 2005). Among the first ranchos deeded within the future Orange County were Manuel Nieto's Rancho Las Bolsas (partially in future Los Angeles County), granted by Spanish Governor Pedro Fages in 1784, and the Rancho Santiago de Santa Ana, granted by Governor José Joaquín Arrillaga to José Antonio Yorba and Juan Pablo Peralta in 1810 (Hallan-Gibson 1986). The secularization of the missions (enacted 1833) following Mexico's independence from Spain resulted in the subdivision of former mission lands and establishment of many additional ranchos.

During the supremacy of the ranchos (1834–1848), landowners largely focused on the cattle industry and devoted large tracts to grazing. Cattle hides became a primary southern California export, providing a

commodity to trade for goods from the east and other areas in the United States and Mexico. The number of nonnative inhabitants increased during this period because of the influx of explorers, trappers, and ranchers associated with the land grants. The rising California population contributed to the introduction and rise of diseases foreign to the Native American population, who had no associated immunities.

4.3.3 American Period (1846–Present)

War in 1846 between Mexico and the United States precipitated the Battle of Chino, a clash between resident Californios and Americans in the San Bernardino area. The Mexican-American War ended with the Treaty of Guadalupe Hidalgo in 1848, ushering California into its American Period.

California officially became a state with the Compromise of 1850, which also designated Utah and New Mexico (with present-day Arizona) as U.S. Territories (Waugh 2003). Horticulture and livestock, based primarily on cattle as the currency and staple of the rancho system, continued to dominate the southern California economy through 1850s. The Gold Rush began in 1848, and with the influx of people seeking gold, cattle were no longer desired mainly for their hides but also as a source of meat and other goods. During the 1850s cattle boom, rancho vaqueros drove large herds from southern to northern California to feed that region's burgeoning mining and commercial boom. Cattle were at first driven along major trails or roads such as the Gila Trail or Southern Overland Trail, then were transported by trains when available. The cattle boom ended for southern California as neighbor states and territories drove herds to northern California at reduced prices. Operation of the huge ranchos became increasingly difficult, and droughts severely reduced their productivity (Cleland 2005).

4.4 Project Site Historic Context

4.4.1 City of Los Angeles

In 1781, a group of 11 Mexican families traveled from Mission San Gabriel Arcángel to establish a new pueblo called El Pueblo de la Reyna de Los Angeles (The Pueblo of the Queen of the Angels). This settlement consisted of a small group of adobe-brick houses and streets and would eventually be known as the Ciudad de Los Angeles (City of Angels), which incorporated on April 4, 1850, only two years after the Mexican-American War and five months prior to California achieving statehood. Settlement of the Los Angeles region continued in the early American Period. The County of Los Angeles was established on February 18, 1850, one of 27 counties established in the months prior to California acquiring official statehood in the United States. Many of the ranchos in the area now known as Los Angeles County remained intact after the United States took possession of California; however, a severe drought in the 1860s resulted in many of the ranchos being sold or otherwise acquired by Americans. Most of these ranchos were subdivided into agricultural parcels or towns (Dumke 1944). Nonetheless, ranching retained its importance, and by the late 1860s, Los Angeles was one of the top dairy production centers in the country (Rolle 2003). By 1876, Los Angeles County reportedly had a population of 30,000 persons (Dumke 1944).

Los Angeles maintained its role as a regional business center and the development of citriculture in the late 1800s and early 1900s further strengthened this status (Caughey and Caughey 1977). These factors, combined with the expansion of port facilities and railroads throughout the region, contributed to the impact of the real estate boom of the 1880s on Los Angeles (Caughey and Caughey 1977; Dumke 1944).

By the late 1800s, government leaders recognized the need for water to sustain the growing population in the Los Angeles area. Irish immigrant William Mulholland personified the city's efforts for a stable water supply (Dumke 1944; Nadeau 1997). By 1913, the City of Los Angeles had purchased large tracts of land in the Owens Valley and Mulholland planned and completed the construction of the 240-mile aqueduct that brought the valley's water to the city (Nadeau 1997).

Los Angeles continued to grow in the twentieth century, in part due to the discovery of oil in the area and its strategic location as a wartime port. The county's mild climate and successful economy continued to draw new residents in the late 1900s, with much of the county transformed from ranches and farms into residential subdivisions surrounding commercial and industrial centers. Hollywood's development into the entertainment capital of the world and southern California's booming aerospace industry were key factors in the county's growth in the twentieth century.

5 BACKGROUND RESEARCH

5.1 SCCIC Records Search

On January 31, 2019, Dudek completed a search of the CHRIS at the SCCIC, located on the campus of California State University, Fullerton of the project site and a 0.5 mile record search area. This search included mapped prehistoric, historical, and built-environment resources; Department of Parks and Recreation (DPR) site records; technical reports; archival resources; and ethnographic references. The confidential records search results are also provided in Appendix A.

5.1.1 Previously Conducted Cultural Resource Studies

Results of the cultural resources records search indicated that 38 previous cultural resource studies have been conducted within the records search area between 1978 and 2017. None of the studies identified overlap the project site. Table 1, below, summarizes all 38 previously conducted cultural resource studies within the 0.5-mile record search area.

Table 1. Previous Technical Studies Within 0.5-Mile of the Project Site

SCCIC Report No.	Authors	Date	Title	Within or Outside Project Site
LA-00483	R. Wlodarski and R. Greenwood	1978	Archaeological Resources Survey; The Proposed Downtown People Mover Project Corridor Area	Outside
LA-04097	Myra L. Frank & Associates, Inc.	1995	Council District nine Revitalization/Recovery Program Final Environmental Impact Report SCH# 94081017	Outside
LA-04464	Lerch, Michael K.	1998	(Voided) Cultural Resources Inventory and Evaluation of the Ixc Carrier, Inc. Fiberoptic Longhaul Project From Henderson, Nevada to Los Angeles, California	Outside
LA-04559	Duke, Curt	1999	Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 625-07, in the County of Los Angeles, California	Outside
LA-04836	Science Applications International Corporation	2000	Phase 1 Archaeological Survey Along Onshore Portions of the Global West Fiber Optic Cable Project	Outside
LA-04901	Duke, Curt	2000	Cultural Resource Assessment for AT&T Wireless Services Facility Number, R281.1, County of Los Angeles, California	Outside
LA-05077	Duke, Curt	2000	Cultural Resource Assessment for Sprint Pcs Facility La35xc768c (desmond Building), Located in the County of Los Angeles, Ca	Outside
LA-06394	Milosfsky, Michali	1990	California Theater, Historic Structures Report	Outside
LA-06410	Juliet L. Christy	2001	Archaeological Survey, South Central Los Angeles High School No. 3, Los Angeles, California.	Outside

Table 1. Previous Technical Studies Within 0.5-Mile of the Project Site

SCCIC Report No.	Authors	Date	Title	Within or Outside Project Site
LA-06438	Duke, Curt	2000	Cultural Resource Assessment for AT&T Wireless Services Facility Number, R280.2, County of Los Angeles, California	Outside
LA-06451	Duke, Curt	2000	Cultural Resource Assessment for Pacific Bell Wireless Facility Sm 006-02, County of Los Angeles, California	Outside
LA-06453	Duke, Curt	2002	Cultural Resource Assessment Cingular Wireless Facility No. Sm 139-02 Los Angeles County, California	Outside
LA-06460	Duke, Curt and Judith Marvin	2002	Cultural Resource Assessment Cingular Wireless Facility No. Sm204-02, Los Angeles County, California	Outside
LA-08013	Jeanette A. McKenna	2006	Cultural Resources Investigations for the Proposed City House Los Angeles (LLC), and the Olympic on Grand (LLC) Properties in the City of Los Angeles, Los Angeles County, California.	Outside
LA-08019	Galvin, Andrea	2004	Historic Architectural Survey and Section 106 Compliance for a Proposed Wireless Telecommunications Service Facility Located on a Commercial Building at 1147 Julian Street in the City of Los Angeles, (Los Angeles County), California	Outside
LA-08263	Catherine M. Wood	2007	Archaeological Survey Report for the New carver Apartments Project Located at 325 W. 17th Street. Los Angeles, California.	Outside
LA-08753	Bonner, Wayne H.	2006	Cultural Resources Records Search Results and Site Visit for T-Mobile Candidate La03101d (1240 Main Street), 1240 South Main Street, Los Angeles, Los Angeles County, California	Outside
LA-08760	Wayne H. Bonner	2006	Cultural resources records Search and Site Visit Results for T-Mobile Candidate SV11002H (Cameron), 1349 South Flower Street, Los Angeles County, California.	Outside
LA-09154	Wayne H. Bonner	2007	Direct APE Historic Architectural Assessment for T-Mobile Candidate SV11002F (Pico/Flower), 1315 South Flower Street, Los Angeles, Los Angeles County, California.	Outside
LA-09539	Wayne H. Bonner	2008	Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate SV11003K (Telacu Plaza), 1033 South Hope Street, Los Angeles, Los Angeles County, California	Outside
LA-09544	Wayne H. Bonner	2008	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate SV11002I (Edwards Building), 1200 South Hope Street, Los Angeles, Los Angeles County, California.	Outside
LA-10127	Robert Chattel	1996	California Lutheran Hospital (California Hospital Medical Center) Los Angeles, California. Historic and Contemporary Photographs.	Outside

Table 1. Previous Technical Studies Within 0.5-Mile of the Project Site

SCCIC Report No.	Authors	Date	Title	Within or Outside Project Site
LA-10262	Wayne H. Bonner	2010	Cultural Resources Records Search and Site Visit Results for Clearwire Candidate CA-LOS5988A/CA5629 (Basement Clothing), 1200 South Hope Street, Los Angeles County, California.	Outside
LA-10542	Teresa Grimes	1998	Historic Architectural Survey and Evaluation Report and Finding of No Adverse Effect	Outside
LA-10772	Roger Hatheway	1979	Historic Eligibility Determination Letter	Outside
LA-10816	Mark Robinson	2006	Archaeological Survey Report for the YWCA Job Corps Urban Campus Project, 1016-1038 Olive Avenue, Los Angeles, California.	Outside
LA-10860	Mark Robinson	2007	Exposition Corridor, Light Rail Transit Project; Construction Phase Cultural Resources Monitoring and Treatment Plan	Outside
LA-10981	Hatoff, Brian	2010	Verizon Cellular Communications Tower Site - AEG Petroleum Building, 714 West Olympic Boulevard, Los Angeles, CA 90015 - Results of Architectural History Survey for Verizon Cellular Communications Tower Site	Outside
LA-10982	Brian Hatoff	2010	Verizon Cellular Communications Tower Site - ABM Industries IBR, 1150 South Olive Street (APN: 5139-019-038), Los Angeles, CA 90015.	Outside
LA-11495	Shannon Loftus	2011	Cultural Resource Records Search and Site Survey	Outside
LA-11649	Kaplan, David and O'Connor, Pam	2004	Evaluation of Proposed Demolition of Stationers Building, 525 South Spring Street, Stationers Annex, 523 South Spring Street on the Spring Street Financial Historic District	Outside
LA-12045	Bonner, Wayne	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate LA02204A (SM204 816 South Grand), 816 South Grand Avenue, #818 Los Angeles, Los Angeles County, California	Outside
LA-12172	Bonner, Wayne and Crawford, Kathleen	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate LA03619A (SC619 Emil Brown Building), 300 East 9th Street, Los Angeles, Los Angeles, County, California	Outside
LA-12174	Wayne H. Bonner	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate SV11002I (Edwards Building), 1200 South Hope Street, Los Angeles, Los Angeles County, California.	Outside
LA-12177	Wayne H. Bonner	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate SV11003K (Telacu Plaza), 1033 South Hope Street, Los Angeles, Los Angeles County, California.	Outside

Table 1. Previous Technical Studies Within 0.5-Mile of the Project Site

SCCIC Report No.	Authors	Date	Title	Within or Outside Project Site
LA-12179	Bonner, Wayne and Crawford, Kathleen	2012	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate LA02139A (SM139 1601 Los Angeles St) 1601 Los Angeles Street, Los Angeles, Los Angeles County, California	Outside
LA-12584	Leslie Rogers	2013	Initiation of Section 106 Consultation for the Restoration of Historic Streetcar Service in Downtown Los Angeles.	Outside
LA-13239	Gust, Sherri	2017	Extent of Zanja Madre	Outside

One report, LA-13239 prepared by Cogstone Environmental, identifies the extent of the Zanja Madre (Gust 2017). The Zanja Madre network and subsequent additional zanja segments were Los Angeles' original irrigation system, and the network is thought to have run throughout the city in various branches, predominantly along major roads. The location of many of the segments are unconfirmed; however, the believed route has been mapped by Gumprecht (2001) who incorporated information from multiple historical works, particularly a report on irrigation by State Engineer William Hamilton Hall (Hall 1888). Using Gumprecht's 2001 work, Cogstone Environmental prepared a series of maps for the Downtown Los Angeles area, which show two unconfirmed sections of a historical-era water conveyance system. One segment is mapped as running south along or near Los Angeles Street to the east and the second segment is mapped as running south along or near Olive Street to the west, approximately 0.19 east and 0.25 miles west of the project site, respectively.

5.1.2 Previously Recorded Cultural Resources

SCCIC records indicate that a total of 47 previously recorded cultural resources fall within the records search area, none of which are within the project site. Of these, 46 are historic-era buildings or structures. The remaining resource consists of a historic-era trash deposit (P-19-002454). Table 2 summarizes all previously recorded resources identified during the CHRIS record search. Confidential Appendix A includes the complete SCCIC records search results, including information related to historical buildings. No prehistoric sites or resources documented to be of specific Native American origin have been previously recorded within a half-mile of the project site. No resources identified within this records search area are documented in association with historic-era zanja features, which has been represented on historical maps to have run 0.25 miles west of the project site. No physical evidence of the zanja system has been documented to date in the vicinity. A brief history and explanation of the zanja system is provided below.

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
002545	Historic	Site	Historic Trash deposit	2012 (S. Underbrink, TRC Solutions, Inc.)	Outside
166884	Historic	Building	710-714 S Broadway Los Angeles; 710-712 S Broadway Los Angeles (APN 5144-015-036)	1977; 1983 (Starzak, Richard, Roger G. Hatheway & Assoc.)	Outside
166885	Historic	Building	F.W. Woolworth Building; 719 S Broadway Los Angeles; HRI 020806 7727 S Broadway Los Angeles	1977; 1983 (Richard Starzak, Louis Joyner, Roger G. Hatheway & Associates); 1983 (Starzak, Richard and Louis Joyner, Roger G. Hathaway & Associates)	Outside
166886	Historic	Building	Isaacs Building; 737-747 S Broadway Los Angeles; HRI 020807 737 S Broadway Los Angeles	1977 (Unknown)	Outside
166887	Historic	Building	Morosco Theater/Garland Theater/ Globe Theater; 744 S Broadway Los Angeles; 020808	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166888	Historic	Building	Los Angeles Investment Co, Champan Building; 756 S Broadway Los Angeles; HRI 020809 750 S Broadway Los Angeles	1976 (D. Smith & T. Sitton, Natural History Museum)	Outside
166889	Historic	Building	Singer Building; 806 S Broadway Los Angeles; HRI 020810	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166890	Historic	Building	Rialto Theater; 812 S Broadway Los Angeles; HRI 020811 810-812 S Broadway Los Angeles (APN 5144-016-041)	1976; 1983 (Starzak, Richard, Roger G. Hatheway & Associates)	Outside
166891	Historic	Building	Apparel Center Building/ Wurlitzer Building; 814 S Broadway Los Angeles; HRI 020812	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166892	Historic	Building	Braun Building; 820-822 S Broadway Los Angeles; ; HRI 020813 820 S Broadway Los Angeles	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166893	Historic	Building	Orpheum Theater Building; 842 S Broadway Los Angeles; HRI 020814	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166894	Historic	Building	Eastern-Columbia Building; HRI #020815	Dennis Smith-Tom Sitton (1976); Christy J. McAvoy (1992)	Outside

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
166895	Historic	Building	Ninth and Broadway Building; 850 S Broadway Los Angeles; HRI 020816	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166898	Historic	Building	Tower Theater; 800-802 S Broadway Los Angeles; ; HRI 020819 802 S Broadway Los Angeles	(Christy Johnson, Historic Resources Group); 1976 (Tom Sitton, Natural History Museum)	Outside
166907	Historic	Building	Anjac Fashion Building/ Platt Music Co. Building; 830 S Broadway Los Angeles; HRI 020828	1976 (T. Sitton & D. Smith, Natural History Museum)	Outside
166910	Historic	Building	Newmark Building; Pavmalee Buildings; 714-720 S Broadway Los Angeles (APN 5144-015-035); HRI 020832	1983 (Starzak, Richard, Loius Joyner, Roger G. Hatheway & Associates)	Outside
166911	Historic	Building	Barker Brothers Building; 722-728 S Broadway Los Angeles (APN 5144-015-034);	1983 (Starzak, Richard, Roger G. Hatheway & Associates)	Outside
166919	Historic	Building	Cheney Block; 731-733 S Broadway Los Angeles (APN 5144-014-032); HRI 020841	1983 (Starzak, Richard, Roger Hatheway & Associates)	Outside
166921	Historic	Building	Broadway Theater and Commercial District; 300-849 S Broadway Los Angeles	1977 (Tom Sitton, Natural History Museum); 1977 (Tom Sitton, Los Angeles County Museum of Natural History); 1998 (Christy Johnson, Historic Resources Group)	Outside
166923	Historic	Building	Wurlitzer Building; Broadway Leasehold Co. Building; HRI #020846	Richard Starzak (1983)	Outside
166924	Historic	Building	United Artists Theatre; California Petroleum Building; Texas Co. Building; HRI #020847	Richard Starzak and Leslie Heumann (1983)	Outside
166929	Historic	Building	The Friday Morning Club; Variety Arts Center; NRHP Nomination Form	Marvin A. Brown/ Los Angeles Conservancy (1983)	Outside
166943	Historic	Building	Lyons Apartments	Tom Sitton (1976)	Outside
166981	Historic	Building	Spring Street Financial District; 354-704 South Spring Street	1977 (T. Sitton, Natural History Museum); 2005 (David Greenwood)	Outside

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
166999	Historic	Building	Los Angeles Herald Examiner Building; NRHP Nomination/Registration Form & inclusion into NR	Jennifer Schroder and Teresa Grimes/Los Angeles Conservancy (1991)	Outside
167275	Historic	Building	Garfield Building; 403 W 8th St Los Angeles; HRI 021232	1982 (M. Weil, Charles Kober Associates)	Outside
167316	Historic	Building	Federal Reserve Bank of San Francisco, Los Angeles Branch; HRI #021282	Hatheway & Associates (1983); Marvin A. Brown (1984)	Outside
167509	Historic	Building	Southern California Flower Market; 755 S Wall St Los Angeles 90014	1980 (Michael Tanji, Ethnic Minority Cultural)	Outside
172148	Historic	Building	Bristol Hotel/Woodward Hotel; 423 W 8th St Los Angeles	1976 (Sitton, Tom, Natural History Museum)	Outside
173054	Historic	Building	Security Pacific National Bank; Petroleum Building/Petroleum Securities Building; includes DOE Form; Eligible for NR inclusion	Roger G. Hatheway (1979); URS Corp. (2010)	Outside
173111	Historic	Building	Figueroa Hotel; Hotel Figueroa	Roger Hatheway and John Chase (1978); Richard Starzak and Leslie Heumann (1983)	Outside
173112	Historic	Building	Blow-up Boutique - Vacant	Roger Hatheway and John Chase (1978)	Outside
173175	Historic	Building	United States Post Office, Metropolitan Station; Blackstone's Dept. Store; Famous Dept. Store; HRI #027243	Richard Starzak and Leslie Heumann (1983)	Outside
173176	Historic	Building	Anjac Fashion Building; Western Costume Building; 939 S. Broadway Building; HRI #027244	Richard Starzak and Leslie Heumann (1983)	Outside
173178	Historic	Building	Los Angeles Transit Building; Los Angeles Railway Corp. Building	Richard Starzak and Leslie Heumann (1983)	Outside
173179	Historic	Building	Job Corps Center Y.[M].C.A.; Commercial Club; HRI #027247	Richard Starzak and Leslie Heumann (1983)	Outside
173204	Historic	Building	Gerry Building; 910 S Los Angeles St Los Angeles 90015	2002 (T. Grimes)	Outside
173227	Historic	Building	National City Bank Building; 810 S Spring St Los Angeles; HRI 027295	1983 (R. Starzak & L. Heumann, Hatheway & Associates)	Outside

Table 2. Previously Recorded Archaeological Resources Within 0.5-Mile of the Project Site

Primary Number (P-19-)	Age	Resource Type	Description	Recorded By and Year	Proximity to Project Site
173243	Historic	Building	Commercial Exchange Building; 416-436 W 8th St Los Angeles 90014	1983 (Richard Starzak, Leslie Heuman, Hatheway & Associates)	Outside
186735	Historic	Building	1601-1613 S. Los Angeles Street; 3-story commercial building; APN 5133—014-012; HRI #131315	Judith Marvin and Jay and Jay Michalsky (2002)	Outside
187003	Historic	Building	816 S Grand Ave Los Angeles	1998 (C. McAvoy, HRG); 2004 (W. Hills, Architectural Resources Groups)	Outside
187460	Historic	Building	4000 S San Pedro St Los Angeles 90011 (APN 5113-002-021); HRI 151960, 020962	Galvin, Andrea (2004)	Outside
187866	Historic	Building	Grand Avenue Club	Jeanette A. McKenna (2006)	Outside
188478	Historic	Building	Edwards Building; 1200 S. Hope Street; APN 5139*-022-001; 3+ commercial building	K. A. Crawford (2008)	Outside
188904	Historic	Building	Y[M]CA Job Corps Urban Campus; 1016-1038 S. Olive Street	Christopher J. Hetzel (2006)	Outside
189239	Historic	Building	ABM Industries Building; APN 5139-0038	URS Corp. (2010)	Outside
189864	Historic	Building	White Building; 1600-1616 S. Broadway; Multi-family property	Shannon L. Loftus (2011)	Outside

The Zanja System

As previously mentioned, Report LA-13229 has mapped segments of the Zanja Madre running approximately 0.25 miles northwest and 0.19 miles to the southeast of the project area (Gust 2012). This report uses historic and ethnographic evidence to map the zanja network, and no physical evidence of the zanja system has been identified or otherwise confirmed along this mapped segment nearest the project site. The closest physically confirmed segment of the zanja network has been unearthed approximately 2 miles to the northeast of the project site, the most recent being at Blossom Plaza on North Broadway (2.2 miles northeast) in 2014.

The Zanja Madre network and subsequent additional zanja segments were Los Angeles' original irrigation system, and the network is thought to have run throughout the city in various branches, predominantly along major roads. The water conveyance system consisted of interconnected ditches known as "zanjas" and was established in 1781 at the same time that El Pueblo de la Reyna de Los Angeles (The Town of Los Angeles) was founded. The first segment of the system was known as the Zanja Madre, and is thought to have run

from a point on the Los Angeles River north of the city, south near present-day Main Street terminating near the Plaza, present-day Union Station (Gumprecht 2001: 58). Though researchers and the public often use the term "Zanja Madre" to refer to the larger water conveyance network, this term more accurately describes just the initial component established during the Spanish Period. The segments that were added on later were numbered and grouped based on what part of the city they reached and where on the Los Angeles River they drew water. The size of Los Angeles did not necessitate an expansive system for the first half of the nineteenth century, and there were only three additional segments by 1849. As the city rapidly grew, water become a growing concern particularly because much of the land was agricultural and irrigation was crucial to farmers' success. As a result, several new zanja segments were constructed post-1855 (Gumprecht 2001: 58-61).

By 1870, the Zanja Madre, being the most important canal in the system, was maintained at a width of ten feet along its entire length, and eight other zanja segments had also been built within the city (Gumprecht 2001: 61). By the late nineteenth century, there were a total of 19 zanja segments. The segments had been lined with concrete or cement piping, which was more efficient and safer than open ditches (Gumprecht 2001: 72, 88). The Zanja system largely faded into disuse by the early twentieth century as the system began to face increased criticism for its inefficiency and imprecision (Gumprecht 2001: 89).

The zanja segments that are mapped nearest to the project site have been identified in Gumprecht 2001 and Hall 1888 as Zanja No. 8 (0.25 miles west of the project site) and Zanja No. 5 (0.19 miles to the east). Zanja No. 8 has been described as including 8,300 feet, all of which was cement pipe or open concrete conduit by 1888, which ran from the end of the Zanja Madre, at the intersection of South Main Street and East 1st Street, south down South Main Street until East 8th Street where it turned roughly west until reaching South Olive Street. There it turned and ran generally southwest until eventually meeting another zanja segment, Zanja No. 8-R, at the intersection of West 18th Street and South Figueroa Street (Gumprecht 2001: 76-77; Hall 1888: 543-551). Zanja No. 5 also runs from the end of the Zanja Madre, and runs in a generally southern route, meandering between Wall Street and South Main Street until reaching West Washington Boulevard, at which point Zanja No. 5 runs directly in line with South Main Street. At East Adams Boulevard, an offshoot of Zanja No. 5 runs directly west along East Adams Boulevard before turning due south along South Grand Avenue. Both segments of Zanja No. 5 terminate at West Exposition Boulevard.

5.1.3 Review of Historic Aerials and Maps

Dudek consulted historic maps and aerial photographs to understand development of the project site and surrounding properties. Topographic maps are available from 1894 to the present and aerial images are available from 1952 to the present (NETR 2018).

Topographic maps indicate that the project site and vicinity had already begun to be developed by the late nineteenth century. Over the first three decades of the twentieth century the project site and vicinity experienced an increase in development, though topographic maps are generally inadequate in capturing the minute changes within the project site and surrounding blocks to acquire an in depth understanding of

development over time. By the 1930s topographic maps show the project site and vicinity as completely developed.

The first historic aerial from 1948 shows that the project site and immediate vicinity were completely developed by this time. The area is characterized mainly by medium sized developments, possibly apartment complexes, with associated parking lots in some cases. The project site itself appears to be developed with five buildings and two parking lots. The lots directly to the west of the project site were developed with parking lots and two buildings, which may be the extant structures. There are no obvious changes to the project site vicinity between 1948 and 1972, though there were several buildings that had been demolished in the immediate vicinity during this time. Between 1964 and 1972, historic aerials indicate that two new buildings had been built in the northern half of the project site. Between 1980 and 1989, the project site had been completely built out and several other developments had been completed in the nearby vicinity. There were no changes to the project site between 1989 and 2014, though the immediate vicinity experienced various developments and redevelopments during this time. Between 2014 and 2017, the three northern buildings in the project site were demolished and a parking lot was developed in their place.

5.2 Native American Correspondence

5.2.1 NAHC Sacred Lands File Search

As part of the process of identifying cultural resources within or near the project, Dudek contacted the NAHC to request a review of the SLF on January 29, 2019. The NAHC emailed a response on January 31, 2019, which indicated that the SLF search was completed with negative results. Because the SLF search does not include an exhaustive list of Native American cultural resources, the NAHC suggested contacting Native American individuals and/or tribal organizations who may have direct knowledge of cultural resources in or near the Project. The NAHC provided the contact information of ten individuals and/or tribal organizations with whom to contact along with the SLF search results. No additional tribal outreach was conducted by Dudek. Documents related to the NAHC SLF search are included in Appendix B.

5.3 Ethnographic Research and Review of Academic Literature

Dudek cultural resources specialists reviewed pertinent academic and ethnographic literature for information pertaining to past Native American use of the project site. This review included consideration of sources commonly identified though consultation, notably the 1938 Kirkman-Harriman Historical Map often referenced by the Gabrieleño Band of Mission Indians-Kizh Nation (Figure 3). Based on this map, the project site is located directly north of a road labeled "Old Salt Road," which ran from roughly the location of present day Union Station southwest until reaching South La Cienega where it turns south, running until hitting the hills of Palos Verdes. At this point the road runs at the base of the hills until terminating at San Pedro Bay. The project site is approximately 2.5 miles southwest of the intersection of multiple roads and trails. The nearest Native American settlement, identified by a red Native American structure on the map, is located approximately 6 miles southwest, south of Baldwin hills. It should be noted that this map is highly generalized

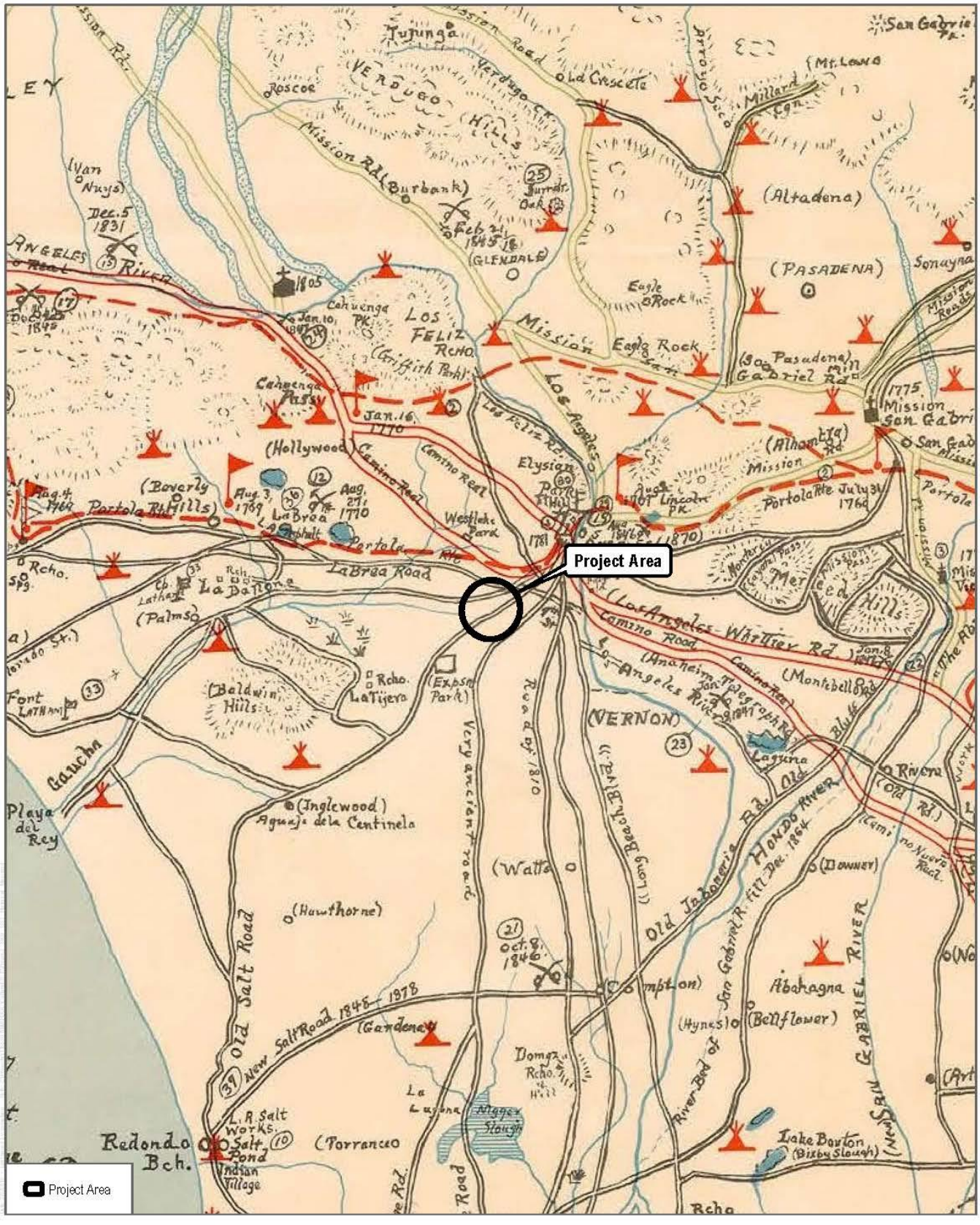
due to scale and age, and may be somewhat inaccurate with regard to distance and location of mapped features. Additionally, this map was prepared based on review of historic documents and notes more than 100 years following secularization of the missions (in 1833). Although the map contains no specific primary references, it matches with the details documented by the Portola expedition (circa 1769-1770). While the map is a valuable representation of post-mission history, substantiation of the specific location and uses of the represented individual features would require review of archaeological or other primary documentation on a case-by-case basis.

At the time of Portola's expedition, and through the subsequent mission period, the area surrounding the project site would have been occupied by Western Gabrieleno/Tongva inhabitants (Figure 4 and Figure 5). Use of Gabrielino as a language has not been documented since the 1930s (Golla 2011). One study made an effort to map the traditional Gabrieleno/Tongva cultural use area through documented family kinships included in mission records (NEA and King 2004). This process allowed for the identification of clusters of tribal villages (settlements) with greater relative frequencies of related or married individuals than surrounding areas (Figure 6). Traditional cultural use area boundaries, as informed by other ethnographic and archaeological evidence, were then drawn around these clusters. The relative sizes of these villages were also inferred from their relative number of mission-period recruits. The nearest village site to the project site was *Yaanga* (also called *Yabit* in NEA and King 2004), located in roughly the area of the present Los Angeles Plaza Church just west of Union Station, approximately 2.6 miles northeast of the project site. *Yaanga*, though not depicted on the Kirkman-Harriman map, is referenced in several archaeological and ethnographic works including Dakin 1978, Johnston 1962, McCawley 1996, and Morris et al. 2016. *Yaanga* is described as being the "Indian precursor of modern Los Angeles" as the city was originally established within its boundaries (McCawley 1996: 57). Mission records indicate that 179 Gabrieleño inhabitants of *Yaanga* were recruited to San Gabriel Mission, indicating that it may have been the most populated village in the Western Gabrieleño territory (NEA and King 2004: 104).

In general, the mapped position of *Yaanga* has been substantiated through archaeological evidence, although the archaeological record has been substantially compromised by rapid and early urbanization throughout much of the region. Ethnographic research indicates that after the founding of Los Angeles, the Native American settlement of *Yaanga* was forcibly moved, and by 1813 Native Americans in the area had regrouped to the south. This new village, known as *Rancheria de los Poblanos,* was located near the northwest corner of Los Angeles and First Street, approximately 1.3 miles north of the project site (Morris et al 201: 94). This second village site was only occupied until about 1836, after which Native American communities in Los Angeles were relocated gain east of the Los Angeles River. After 1836, Native Americans were forcibly relocated another three times, in 1845, 1846, and 1847 (Morris et al. 2016: 94).

No archaeological evidence of the nearest village depicted on the 1938 Kirkman-Harriman map was provided in the SCCIC records search results or review of other archaeological information, however these fell outside of the archaeological records search area. Based on review of pertinent academic and ethnographic information, the project falls within the boundaries of the Gabrieleño/Tongva traditional territory, however,

no Native American TCRs have been previously documented in areas that may be impacted by the project. However, though the project site is not documented within the noted boundaries of any mapped villages, it is located near several natural resources that may have been utilized by prehistoric and protohistoric peoples, particularly the Los Angeles River, which ran directly to the east of the project site.



SOURCE: Kirkman - Harriman 1937 Pictorial and Historical Map of Los Angeles County: 1860-1937 AD

DUDEK

0 1.5 3 Miles
0 2.5 5 Kilometers
1:200,000

FIGURE 3

1938 Kirkman-Harriman Map

Main Street Project - Tribal Cultural Resources Report

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SOURCE: Golla 2011 California Indian Languages - Map 36

DUDEK

0 7.5 15 Miles
0 12.5 25 Kilometers
1: 1,000,000

FIGURE 4

Traditional Linguistic and Cultural Boundaries Map - Golla

Main Street Project - Tribal Cultural Resources Report

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SOURCE: Kroeber, A.L. 1925 (1976) Handbook of Indians of California

DUDEK

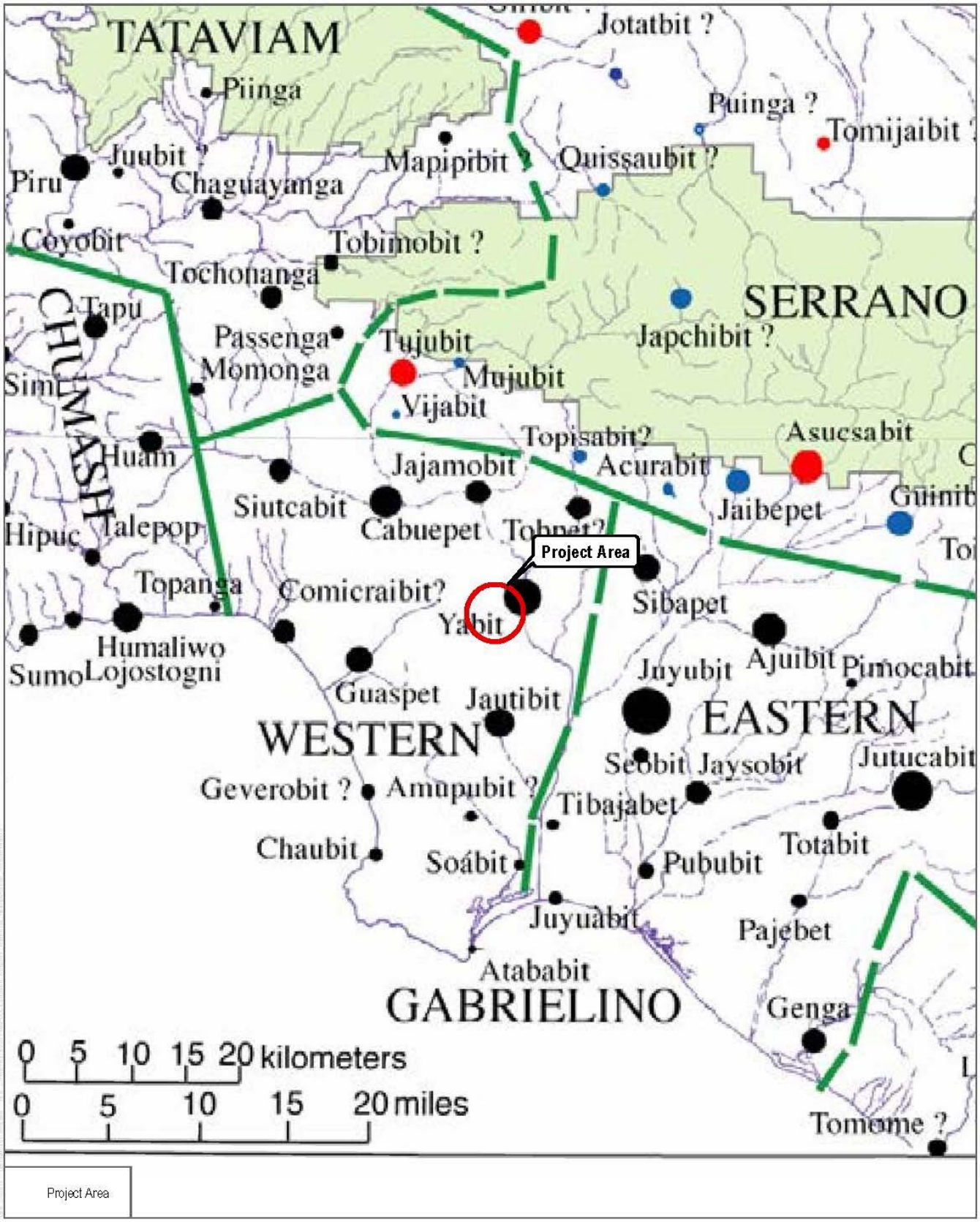
0 2.5 5 Miles
0 4 8 Kilometers
1:300,000

FIGURE 5

Traditional Linguistic and Cultural Boundaries Map - Kroeber

Main Street Project - Tribal Cultural Resources Report

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SOURCE: NEA and King 2004 Ethnographic Overview of the Angeles National Park - Figure 2

DUDEK

0 4 8 Miles
0 5 10 Kilometers
1:528,000

FIGURE 6

Mission-Era Native American Recruitment Map

Main Street Project - Tribal Cultural Resources Report

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6 FINDINGS AND RECOMMENDATIONS

6.1 Summary of Impacts to Tribal Cultural Resources

A project with an effect that may cause a substantial adverse change in the significance of a TCR is a project that may have a significant effect on the environment (PRC Section 21084.2.). No Native American resources have been identified within the project site or the surrounding search radius through the records search at the SCCIC (completed January 31, 2019) or through a search of the NAHC SLF (completed January 31, 2019). Ethnographic research indicates that, the Project site is located approximately 2.6 miles south of the location of a Native American village, known as *Yaanga*, and near natural resources which would have been important to Native Americans in prehistoric and protohistoric times. However, the Project site and surrounding neighborhoods have been extensively developed throughout the twentieth century. Based on current information, if the following recommendations are followed, impacts to TCRs would be less than significant.

6.2 Recommendations

An appropriate approach to potential impacts to TCRs is developed in response to the identified presence of a TCR by California Native American Tribes through the process of consultation.

While no TCRs are anticipated to be affected by the project, the City has established a standard condition of approval to address inadvertent discovery of TCRs. Should TCRs be inadvertently encountered, this condition of approval provides for temporarily halting construction activities near the encounter and notifying the City and Native American tribes that have informed the City they are traditionally and culturally affiliated with the geographic area of the proposed project. If the City determines that a potential resource appears to be a TCR (as defined by PRC Section 21074), the City would provide any affected tribe a reasonable period of time to conduct a site visit and make recommendations regarding the monitoring of future ground disturbance activities, as well as the treatment and disposition of any discovered TCRs. The Applicant would then implement the tribe's recommendations if a qualified archaeologist reasonably concludes that the tribe's recommendations are reasonable and feasible. The recommendations would then be incorporated into a TCR monitoring plan and once the plan is approved by the City, ground disturbance activities could recommence. In accordance with the condition of approval, all activities would be conducted in accordance with regulatory requirements. As a result, potential impacts to TCRs would continue to be less than significant.

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APPENDIX A (CONFIDENTIAL)

SCCIC Records Search Results

APPENDIX B (CONFIDENTIAL)

NAHC SLF Search