Inglewood High School Reconstruction Project

Initial Study

Prepared for
Inglewood Unified School District

July 2025

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Acronyms and Other Abbreviations

ADA	Americans with Disabilities Act
ALUCP	Airport Land Use Compatibility Plan
BMPs	Best Management Practices
CalEEMod	California Emissions Estimator Model
CAL FIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
Cal/OSHA	California Division of Occupational Safety and Health
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBC	California Building Code
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CH_4	Methane
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CRHR	California Register of Historic Resources
DTSC	Department of Toxic Substances Control
EIR	Environmental Impact Report
EO	Executive Order
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
GHG	greenhouse gases
GWh	Gigawatt hours
HRA	Health Risk Assessment
HVAC	Heating/Ventilating/Air Conditioning
I	Interstate
IS	Initial Study
LUST	Leaking Underground Storage Tank
MBTA	Migratory Bird Treaty Act

MTCO2E	metric tons of carbon dioxide equivalent
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
NAHC	Native American Heritage Commission
N_2O	Nitrous Oxide
O_3	ozone
PM	Particulate Matter
PM_{10}	particulate matter with an aerodynamic diameter of 10 micrometers or less
$PM_{2.5}$	particulate matter with an aerodynamic diameter of 2.5 micrometers or less
PRC	Public Resources Code
RAQS	Regional Air Quality Strategies
SCAG	Southern California Association of Governments
SCIC	South Coastal Information Center
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SLF	Sacred Lands File
SR	State Route
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
VHFHSZ	Very High Fire Hazard Severity Zones
VMT	Vehicle Miles Traveled

CHAPTER 1
Introduction

1.1 Overview

The Inglewood Unified School District (District), as the lead agency under the California Environmental Quality Act (CEQA), has prepared this Initial Study (IS) to evaluate the potential environmental impacts associated with the Inglewood High School Reconstruction Project (Project). The Project involves the demolition of the existing Administration Building, the existing Music Building, the existing Performing Arts Building, and numerous existing classroom buildings. In addition, the existing Auditorium and Gymnasium would be partially renovated. Six new buildings would be constructed, including a two-story Administration and General Classroom building; a one-story Multi-Purpose Room (MPR) and Food Services building; a one- to two-story Science Labs and General Classrooms building; a one-story Student Life building; a two-story Career and Technical Education (CTE) and General Classroom building; and a one-story CTE and Music building. Recreational components include the demolition and reconstruction of the basketball and tennis courts, installation of a combination softball/football/soccer artificial turf field at the western edge of campus, and installation of lights to illuminate the courts and fields. The Project would result in the removal of the existing asphalt areas, and landscaping improvements would be included throughout the Inglewood High School campus (Project Site).

1.2 CEQA Requirements

Approval of the Proposed Project is a discretionary action and is therefore subject to the requirements of CEQA (Public Resources Code [PRC], Division 13, Sections 21000–21177) and the State CEQA Guidelines (California Code of Regulations [CCR], Title 14, Sections 15000–15387). Initial Studies/Environmental Checklist Forms such as this document are typically used as a basis for deciding whether to prepare an environmental impact report (EIR), a mitigated negative declaration (MND), or a negative declaration (ND) for a project, pursuant to CEQA.

An Initial Study/Environmental Checklist Form is intended to satisfy the requirements of CEQA (PRC Division 13, Sections 21000-21177) and the State CEQA Guidelines (14 CCR 15000-15387). CEQA encourages lead agencies and applicants to modify their projects to avoid significant adverse impacts. Per CEQA (14 CCR 15063), if the agency determines that there is substantial evidence that any aspect of the project, either individually or cumulatively, may cause a significant effect on the environment, the Lead Agency shall prepare an EIR (or tier from a previously prepared EIR document). Based on the findings of this Initial Study, the District has determined that preparation of a focused EIR is the appropriate method to present environmental review of the Project in compliance with CEQA.

1.3 Terminology

The following terms are used to describe the level of significance of impacts.

- A finding of *no impact* is used if the analysis concludes that a project would not affect the particular topic area in any way.
- An impact is considered *less than significant* if the analysis concludes that a project would cause no substantial adverse change to the environment and requires no mitigation.
- An impact is considered *less than significant with mitigation incorporated* if the analysis concludes that a project would cause no substantial adverse change to the environment provided that environmental commitments or other enforceable measures are included as part of the Proposed Project.
- An impact is considered *potentially significant* if the analysis concludes that a project could have a substantial adverse effect on the environment.

1.4 Initial Study Organization

The content and format of this report are designed to meet the requirements of CEQA. This Initial Study identifies the potential environmental impacts of the Proposed Project to determine potential impacts and scope out topics that do not have the potential to cause a significant impact. The report contains the following sections.

- **Chapter 1, Introduction,** identifies the purpose and scope of the Initial Study.
- **Chapter 2, Project Description,** identifies the location and environmental setting of the Project Site and describes the proposed Project in detail.
- **Chapter 3, Environmental Checklist,** presents the checklist responses for each resource topic. This section identifies the potential impacts of implementing the proposed Project, and identifies references cited in this Initial Study.

1.5 Incorporation By Reference

This IS relies on previously adopted regional and statewide plans and programs, agency standards, and background studies in its analyses, such as the South Coast Air Quality Management District's (SCAQMD) air quality management plan. Chapter 3, Environmental Checklist, provides a complete list of references used in preparing this IS.

CHAPTER 2
Project Description

2.1 Project Overview

This chapter provides a description of the proposed Inglewood High School Reconstruction Project (Project), which provides a basis for the environmental analysis contained in this Initial Study. The Project involves the demolition of the existing Administration Building, Music Building, Performing Arts Building, and numerous existing (temporary and permanent) classroom buildings. In addition, the existing Auditorium and Gymnasium would be internally renovated. Six new buildings would be constructed, including a two-story Administration and General Classroom building; a one-story Food Services and Multi-Purpose Room building; a one- to two-story Science Labs and General Classrooms building; a one-story Student Life building; a two-story Career and Technical Education building; and a one-story CTE and Music classrooms building. Recreational components include the demolition and reconstruction of the basketball and tennis courts, installation of a combination softball/football/soccer artificial turf field at the western edge of campus, and installation of lights to illuminate the courts and fields. The Project would remove existing asphalt areas, and landscaping improvements would be included throughout the Inglewood High School campus.

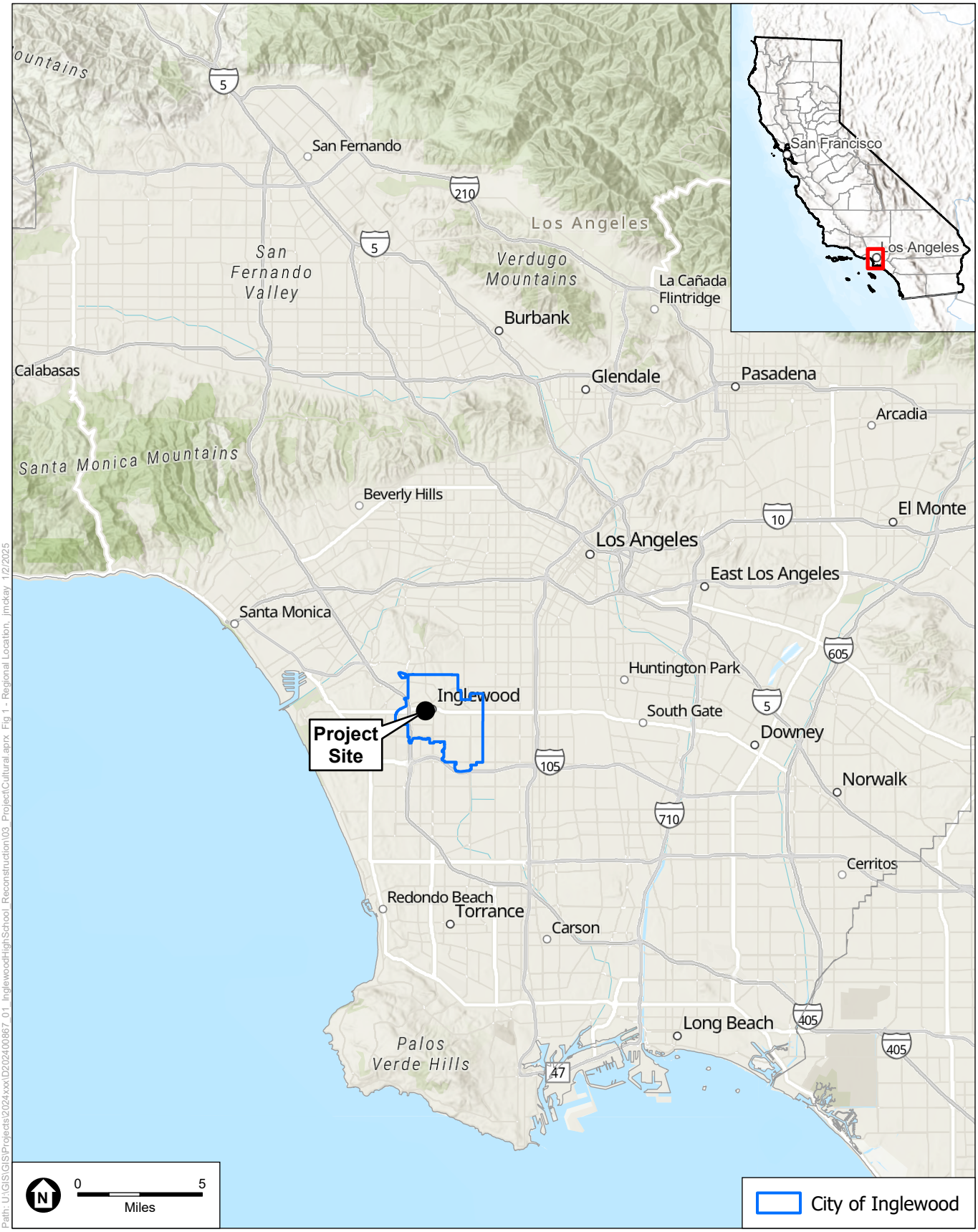
2.2 Environmental Setting

2.2.1 Project Location and Surrounding Uses

Inglewood High School is located at 231 South Grevillea Avenue in the western central portion of the City of Inglewood within Los Angeles County, California. As shown in **Figure 1, Regional Location Map**, the Project Site is located approximately 0.6 miles east of Interstate 405 (I-405), approximately 1.8 miles north of I-105, and approximately 4.2 miles west of I-110. The Project Site is approximately 18 acres in size and is comprised of four Assessor Parcel Numbers (APNs): 4020-017-900, 4020-016-900, 4020-025-900, and 4020-026-900.

As shown in **Figure 2, Project Location,** the Project Site is bounded to the north by West Manchester Boulevard, commercial uses, Inglewood City Hall and the Inglewood Public Library. Residential homes and a retirement community are located to the west of the Project Site, with residential homes and West Kelso Street to the south. Additionally, South Grevillea Avenue and a multi-family apartment building are located to the east of the Project Site.

The Project Site is located within a residential neighborhood comprised primarily of single-family (one- and two-story) homes, along with some commercial uses and government facilities, including Inglewood City Hall and the Public Library. The SoFi Stadium is located approximately 0.7 miles to the southeast of the Project Site, which is within the Hollywood Park Specific Plan. The Project Site is located approximately 1.8 miles northeast of the Los Angeles International Airport (LAX) and approximately 2.8 miles northwest of the Hawthorne Municipal Airport.

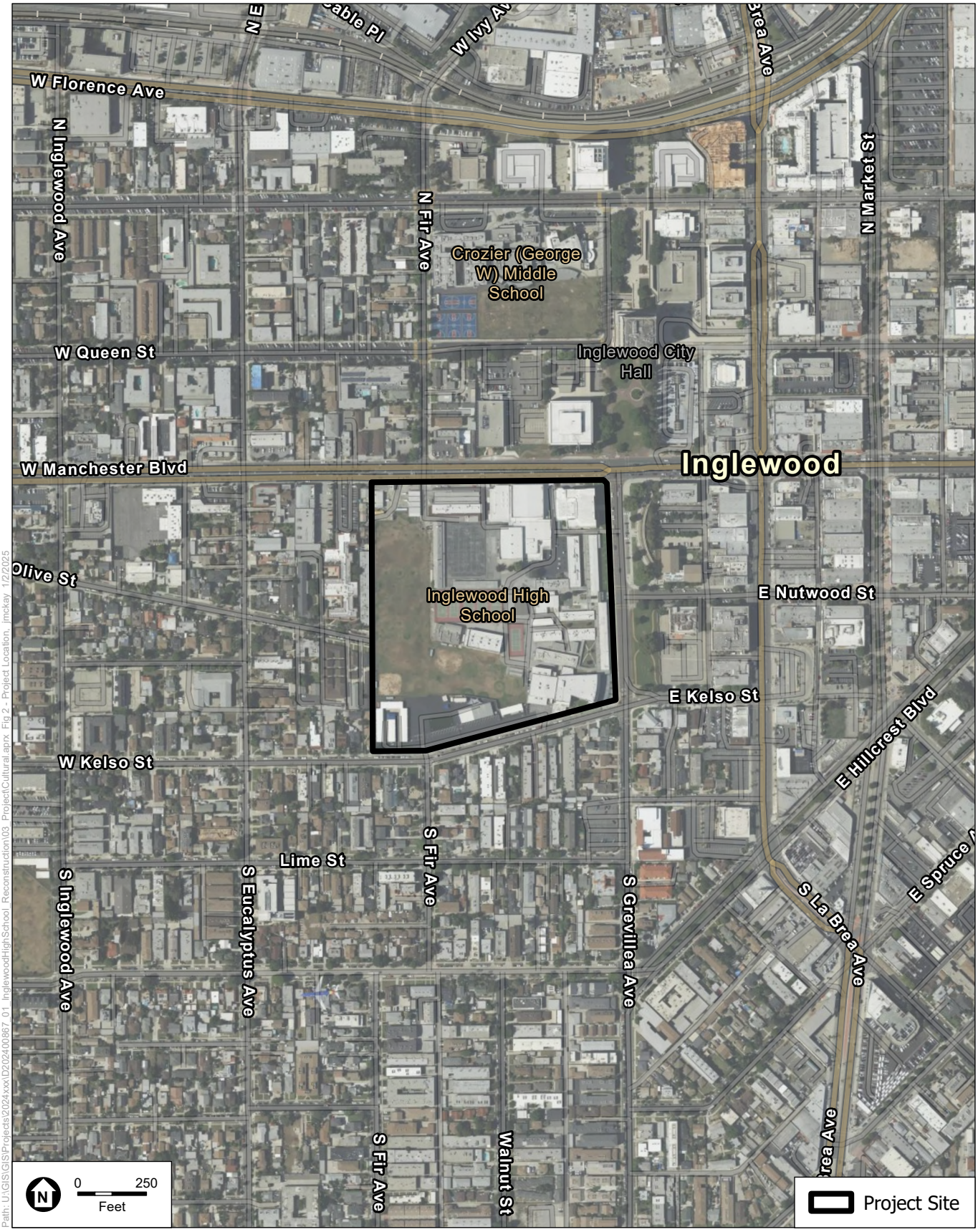


SOURCE: ESA, 2024

Inglewood High School Reconstruction

Figure 1
Regional Location Map

ESA



SOURCE: ESA, 2024

Inglewood High School Reconstruction

Figure 2
Project Location

ESA

2.2.2 Existing Conditions

As shown in **Figure 2**, the Project Site is occupied by Inglewood High School. The primary campus development is situated in the eastern portion of campus and consists of classroom and administrative buildings. Athletic courts and fields are located on the western portion of the campus. The Project Site is essentially flat with a grade difference of about 6 feet from the northeast corner of the property to the southwest corner. (Geolabs-Westlake Village [GWV] 2024).

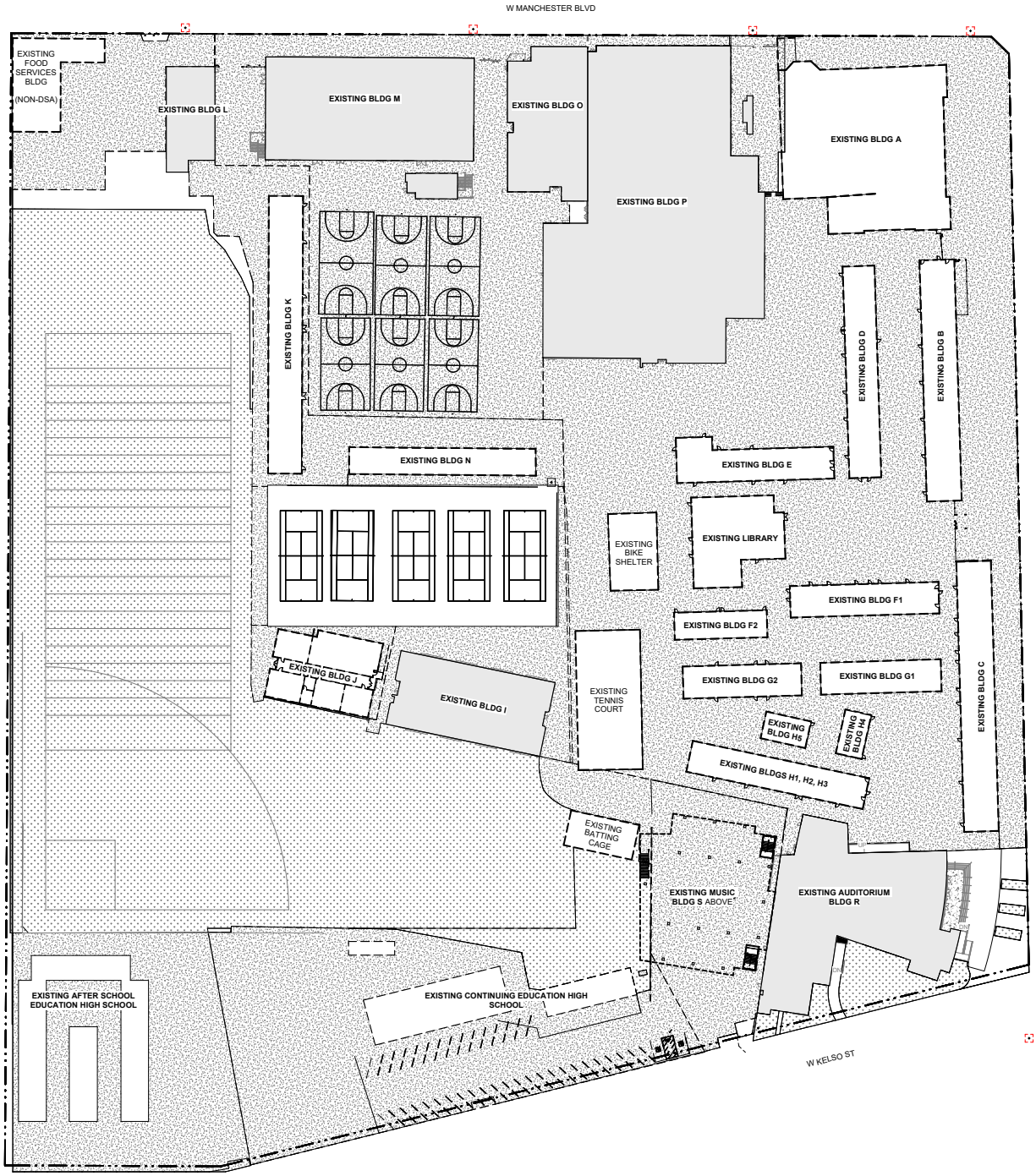
The Inglewood High School campus currently includes 18 classroom buildings (including permanent classroom buildings and portable classroom buildings). In addition to classroom buildings, the Inglewood High School campus includes a fine arts and administration building, an auditorium, locker rooms, library, performing arts building, adult education building, continuing education high school, and home economics building. The existing campus buildings are labeled Buildings A through X as shown on **Figure 3, Existing Campus**.

Tennis courts, basketball courts, a batting cage, and athletic fields are located west of the majority of the classroom buildings, and extend to the western Project Site boundary. In addition, there are existing tennis courts north of Building I as well as existing basketball courts. Competition sports events occur at other District locations. Covered and uncovered walkways and student seating areas are located between the campus buildings. Landscaping is limited to trees and pockets of grass located around campus.

The Continuing Education High School and After School Education High School buildings are separated from the main campus by fences. These two buildings are located in the southwestern portion of the site along West Kelso Street and have their own parking lot and driveway. While they provide support to the high school they operate separately.

The majority of the Project Site consists of buildings, walkways, and sports fields. The western portion of the Project Site is mostly pervious and contains grasses and vegetation. There is minimal landscaping on the campus. There are 29 trees currently on the campus, which is the primary form of landscaping within the Project Site. The quantity and species of trees that exist on the campus provide limited canopy coverage. The outdoor open space and circulation areas are in some instances cracked and provide accessibility issues. Turf is present throughout several areas on campus, including at the front of the school and at the athletic field. Automatic irrigation is not currently available throughout the site. There are some benches and picnic tables and walls that provide outdoor seating. Monument signs and murals are in various locations throughout the campus.

The Inglewood High School campus currently includes a surface parking lot located west of the Auditorium along the southern edge of the campus along West Kelso Street. Access to the parking lot is via three entrances along West Kelso Street. The parking lot provides 63 total parking spaces, with 61 standard vehicle spaces and 2 ADA-accessible spaces. This parking area is currently used by faculty and staff. In addition, there is an existing parking lot south of the Music Building (Building S), which includes 30 total parking spaces. There is no visitor or student parking available on the campus. Bicycle parking is provided in a shelter between the tennis courts and the library.



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SOURCE: P2S Engineering, 2024

Inglewood High School Reconstruction

Figure 3
Existing Campus

ESA

Students arrive at school by car, walk, bike, or use public transportation. School bus service is not provided except for special education students. There is currently no formal loading zone (i.e., curb markings or posted signage) designated; drop-off/pick-up loading activities occur generally along South Grevillea Avenue and West Kelso Street.

After completion of the Project, students from Morningside High School will be transferred to Inglewood High School. With the Morningside High School students being transferred to Inglewood High School, the 1,200 student capacity, for which the school is currently designed, will not be exceeded. The school year runs from late August through early June; summer school sessions also occur on campus. School hours and the associated bell schedule generally is between 8:30 a.m. to 3:15 p.m. Monday through Friday, with the exception that Tuesday end time is 2:20 p.m. In addition, several after-school clubs and organizations have activities on the campus. The campus does not include competition fields for football, softball, baseball or soccer, and these events occur at other District locations.

Based on the Inglewood Zoning Map, the Project Site is located within the Downtown Transit Oriented District of the City (City of Inglewood, 2023). More specifically, based on the Downtown Transit Oriented District Development Plan and Design Guidelines, the Project Site is located within the Civic Center District, and is zoned and designated as Civic Center (C-C). The C-C district allows government offices, schools and other public facilities, as well as limited private office and retail (City of Inglewood, 2016). The Project would be consistent with the land use designation and the zoning.

2.3 Project Characteristics

The proposed improvements would occur throughout the Inglewood High School campus. The Project would result in the demolition of the majority of the buildings located on the Project Site, the modernization of some of the existing buildings, and the construction of six new buildings. The Project would also include updated sports fields, courts, and lighting. Students and faculty at the Inglewood High School would be relocated to the Morningside High School, which is located approximately 1.8 miles southeast of the Project Site at 10500 Yukon Avenue during the renovation of the Inglewood High School campus. The Continuing Education High School and After School Education High School buildings that are located in the southwestern portion of the site along West Kelso Street would be relocated to another campus

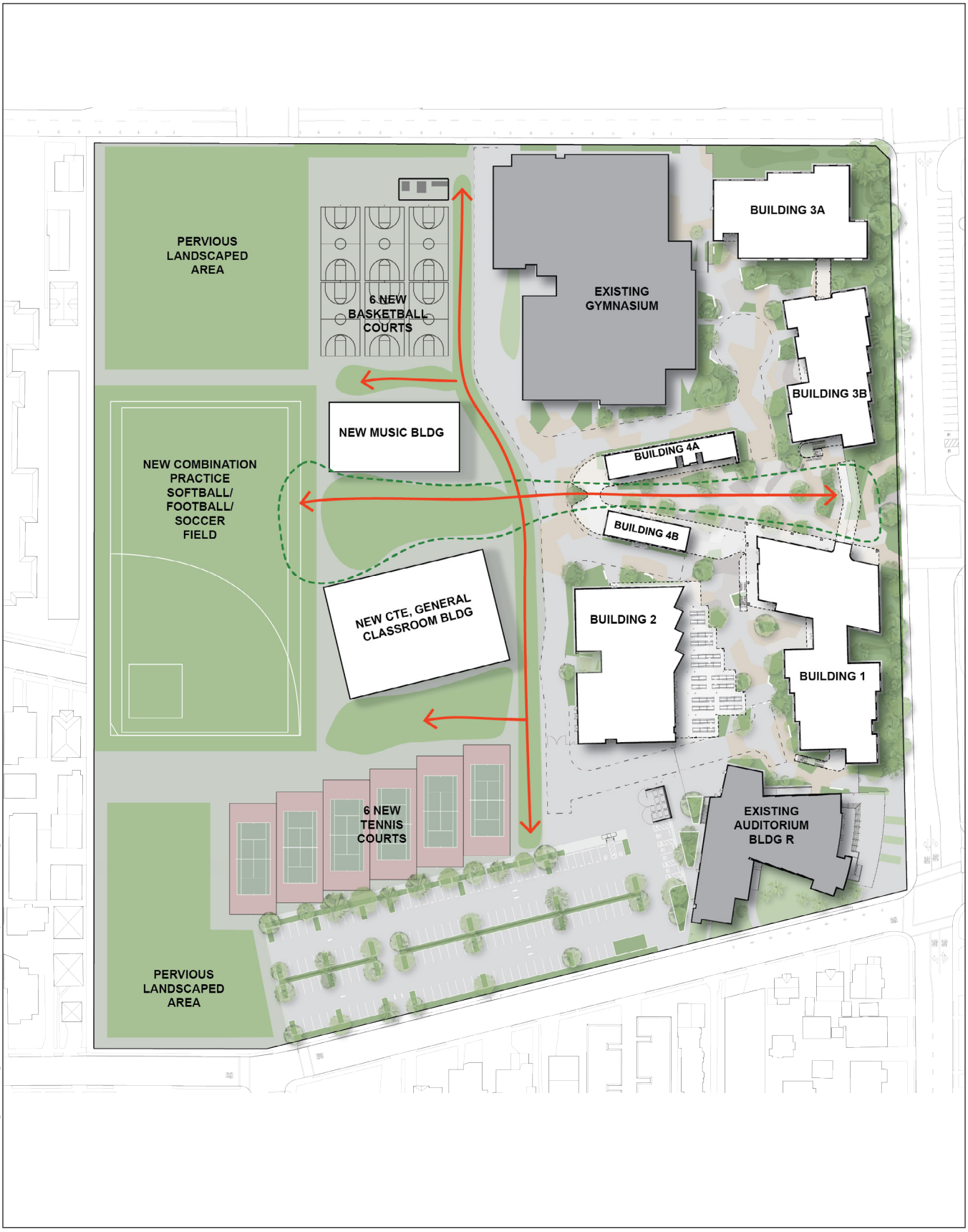
The existing Inglewood High School campus layout and proposed demolition activities are shown on **Figure 3, Existing Campus,** and the Inglewood High School proposed components are shown on **Figure 4, Conceptual Site Plan**. As shown in **Table 1, Project Characteristics**, the Project includes the demolition of 23 buildings on the campus (Buildings A, B, C, D, E, F1, F2, G1, G2, H1, H2, H3, H4, H5, I, J, K, L, M, N, the library, music building, and food services building). In addition, hardscape including the existing tennis courts, basketball courts, batting cage, and bike shelter would be demolished. Existing trees (up to 29 trees) and vegetation would be removed during the demolition phase. A discussion of each of the proposed Project characteristics is provided below. **Table 1, Project Characteristics**.

TABLE 1
PROJECT CHARACTERISTICS

Building	Use	Status	Existing Area (Sq Ft)	New Area (Sq Ft)	Height (Ft)[1]	Stories
Existing						
A	Fine Arts & Administration	Demolish	48,430	0	36'0"	2
B	General Classrooms	Demolish	7,988	0	14'6"	1
C	Science Classrooms	Demolish	9,802	0	14'6"	1
D	General Classrooms	Demolish	6,198	0	14'6"	1
E	General Classrooms	Demolish	3,391	0	14'6"	1
F	General Classrooms	Demolish	6,580	0	14'6"	1
G	General Classrooms	Demolish	6,587	0	14'6"	1
H	General Classrooms	Demolish	6,456	0	14'6"	1
I*	General Classrooms	Demolish	8,998	0	23'6"	1
J	General Classrooms	Demolish	5,840	0	22'0"	1
K	Home Economics	Demolish	8,400	0	24'0"	1
L*	Band Classrooms	Demolish	3,720	0	20'0"	1
M*	CTE Classrooms	Demolish	24,844	0	28'0"	2
N	General Classrooms	Demolish	3,840	0	11'7"	1
O*	Boys Lockers	Modernize	55,443	55,443	17'10"	1
P	Physical Education & Girls Lockers	Modernize			32'10"	1
Q	Library	Demolish	5,458	0	20'0"	1
R	Auditorium	Modernize	16,449	16,449	37'6"	3
S	Performing Arts	Demolish	16,862	0	34'4"	1
X	Adult Education	No Change	1,282		12'0"	1
	Continuing Education High School	Demolish	7,157	0	11'7"	1
	After School Education Campus	Demolish	9,600	0	11'7"	1
New Construction						
1	Administration & General Classrooms	New	--	48,028	31'6" top of roof (up to 38'0")	2
2	Food Services & MPR	New	--	22,572	13'5" top of roof (up to 31'6")	1
3	Science Labs & General Classrooms	New	--	41,630	28'6" top of roof (up to 35'11")	2
4	Student Life	New	--	7,873	17'11"	1
5	CTE Classrooms & General Classrooms	New	--	20,000	32'0"	2
6	CTE and Music Classrooms	New	--	24,000	28'0"	1

1. Single story building heights ranges from 11 feet (ft) – 19 ft

SOURCE: Practice LA 2025



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SOURCE: Inglewood Unified School District

Inglewood High School Reconstruction

Figure 4
Conceptual Site Plan

ESA

New Buildings

The Project would result in the construction of six new buildings on the Inglewood High School Campus, which would provide a combined total of 164,103 square feet (sf). New buildings would include Administration and General Classrooms (Building 1), Food Services and Multipurpose Room (MPR) (Building 2), Science Labs and General Classrooms (Building 3), Student Life (Building 4), Career and Technical Education and General Classrooms (Building 5), and CTE and Music classrooms (Building 6).

Building 1 (Administration and General Classrooms)

Building 1 would provide approximately 48,028 sf of administration and classroom floor area. The two-story building would be located north of the existing Auditorium, and would be situated along South Grevillea Avenue. The first floor of the building would contain administration space in the northern portion of the building, and classrooms in the southern portion of the first floor and on the entire second floor of the building.

Building 2 (Food Services and MPR)

Building 2 would provide approximately 22,572 sf of food service space and multipurpose uses and would be located in the central portion of the campus. The building would contain a kitchen for food services. The building would provide primarily space for indoor eating, and would include a stage area for smaller performances or meetings. Depending on the style of tables used, the MPR would be able to accommodate between 250-350 students. The new food services building would include a conventional lunch queuing zone and would be directly adjacent to an exterior lunch shelter that covers about 350 seats.

Building 3 (Science Labs and General Classrooms)

Building 3 would provide approximately 41,630 sf of science labs and classroom space. The two-story building would be located on the northeast corner of campus, at the intersection of West Manchester Boulevard and South Grevillea Avenue. Lab classrooms would be located on the first floor of the northern portion of the building and classrooms would be provided on the first floor in the southern portion of the building as well as on the second floor of the building.

Building 4 (Student Life)

Building 4 would be located at the new entrance plaza to prioritize student culture and engagement. The building, which consists of two one-story rectangular components (Buildings 4A and 4B) in a U-shape, would be located north of Building 2 and south of the existing Gymnasium in the central portion of the campus. Building 4 would provide a total of approximately 7,873 sf for student uses. The building would provide space for student life programs such as the Dream Center, Career Center, Junior Reserve Officers' Training Corps, Associated Student Body and Student Store. The building would define a smaller courtyard that may be used for gallery events and smaller gatherings.

Building 5 (Career and Technical Education including general classrooms)

Building 5 would provide approximately 20,000 sf of career and technical and general education space. The two-story building would be located near the center of campus.

Building 6 (Career Technical Education and Music Building)

Building 6 would provide approximately 24,000 sf of classroom space. The one-story, approximately 28-foot-tall building would be located near the center of campus.

Campus Modernization

In addition to the new buildings, the Project includes improvements to modernize the campus. Improvements are proposed for, the Auditorium, Building O (Boys Lockers), and Building P (Physical Education and Girls Lockers), as described in detail below.

The existing façade of Building P would be painted, and the existing mural area at West Manchester Boulevard would remain. Only minimal improvements to resolve old California Division of State Architects (DSA) certification corrections would be made to Buildings O, P and the Auditorium.

Open Space Improvements

The modernization includes improvements to walkways throughout the campus to connect the buildings, landscaping, and seating areas. Other improvements could include, but are not limited to, signage, fencing, drinking fountains, water bottle filling stations, as required by code. A digital marquee would be installed between existing Building P and Building 3 along West Manchester Boulevard.

In the exterior spaces surrounding the existing buildings being renovated, concrete paving areas would be removed to add planting areas with native planting and shade trees. Concrete benches would be placed in these areas to provide small gathering spaces for students throughout the campus.

Utility Improvements

Electrical/Telecommunications

The electrical yard for the school would be located in the northern portion of the Project Site, along West Manchester Boulevard near the existing Southern California Edison (SCE) service. In addition, the Project would include utility and technology retrofits throughout the campus, including electrical rooms in the new buildings. Existing electrical utility connections to the demolished buildings would be removed or capped and plugged.

Electrical and utility features would include fiber optic lines, telecommunications lines, intrusion alarms, public announcement systems, fire alarms, stub conduit boxes, mounted box conduits, underground conduits and pole mounted conduits. Utility work would be coordinated with Southern California Edison (SCE). Fully automatic fire alarm systems with emergency voice/alarm communication systems would be provided in all buildings included in accordance with 2016 California Fire Code (CFC) 907.2.3 and National Fire Protection Association (NFPA) 72.

Water/Sewer

Sewer pipelines, domestic and fire water line systems, which would connect to existing mainlines, would be installed. The Project would also include connections to the existing reclaimed water lines for irrigation use. Expanded utilities services are not planned but, where feasible and based on funding, aging utility infrastructure would be replaced.

Recreational Components

The Project would replace the existing athletic field and would replace the tennis courts and basketball courts (Figure 4).

The Project includes some changes that would increase the amount of recreational space. The existing food services building on the northwest corner of the Project Site adjacent to West Manchester Boulevard would be demolished, and the athletic fields would be extended north to the street. The existing athletic field would be removed to include a 380 ft. (length) by 222 ft. (width) combination softball/football/soccer field with synthetic turf. A total of 6 light poles would be installed at the combination softball/football/soccer field. The lights would be approximately 60 to 80 feet in height.

There is a separate existing tennis court located southeast of the five tennis courts. These 6 tennis courts would be demolished and replacement tennis courts would be constructed south of the exiting basketball courts. The new courts would have vinyl coated chain-link fencing with mesh screening, and access gates with lockable latches. The tennis courts would be relocated from the current central portion of campus closer to the south of campus and the existing parking lot, as shown in the site plan (Figure 4). The tennis courts would include new lighting consisting of 6 light poles at 50ft-60ft tall. The existing basketball courts would be demolished, and new basketball courts would be constructed in the northern central portion of the site, just west of the existing gymnasium. Four light poles at 50 feet tall would be constructed at the new basketball courts.

In addition, the Project would result in the demolition of the existing batting cage, which is located west of the Music Building (Building X).

Access, Parking, and Circulation

As shown on Figure 3, vehicular access to Inglewood High School campus is currently provided by two driveways along West Manchester Boulevard and three driveways along West Kelso Street. As previously discussed, the Project Site currently includes a surface parking lot, which is located along West Kelso Street in the southern portion of the campus. Parking lot and internal circulation improvements are described below.

Parking

The Project would result in an increase of the number of total parking spaces (both accessible and non-accessible) from 93 to 158. The Project would include 128 standard stalls, 25 electric vehicle (EV) stalls (including 6 stalls with charging stations), four standard ADA stalls (including one EV), and three van ADA stalls (including one EV). New landscaping would be added within the parking lot. The Project would also provide 32 bicycle parking spaces near the campus entrance, located south of Building 3, and eight covered staff bicycle parking spaces in a lockable enclosure within Building 1.

Fire Lane Improvements

Internal vehicular circulation would be limited to emergency vehicles and would be provided via an extension of the existing fire lane, which would continue to be accessed from West Manchester Boulevard. The fire lane would go through the center of campus and would continue through the parking

lot to a driveway along West Kelso Street. The proposed fire lane improvements would comply with State standards and be reviewed by the City Fire Department.

Pedestrian Improvements

A new pedestrian entrance would be created on South Grevillea Avenue at the intersection with Nutwood Street leading into the campus, which is the historic location of the main campus entry. Accessible pedestrian pathways would be installed throughout the campus to provide links to the buildings and pedestrian access points from the adjacent streets. Additionally, the City of Inglewood and the District have begun preliminary discussions to provide a pedestrian bridge from the high school campus corner to Inglewood Public library over West Manchester Boulevard, which would provide the students access to the public library as a campus resource.

Lighting and Sound

The Project Site is located within the Outdoor Lighting Zone designation of LZ-03 for Moderately High-Urban Areas per Title 24 CCR Part 1 Section 10.114. The Project would include campus path lighting and exterior building lights. A total of 16 new Musco lights would be placed at the sports facilities, as noted above. These lights would support existing joint use activities, where fields and outdoor sports facilities are available for rental. These lights would be down-shielded to avoid light spill-over and would be directed downward towards the individual facilities.

The school's amplified sound system would allow for announcements to be heard as necessary throughout the Project Site. Sound would also be used during campus activities. All outdoor sound would be in compliance with the City's noise ordinance.

2.3.1 Landscaping Plan

The landscaping improvements included as part of the Project would consist of the installation of drought tolerant, low maintenance plants throughout the campus. In addition to the four student quads and landscaping outside of existing buildings, landscaping would be added to the perimeter of the campus and within the new parking lot. Landscape planters would be provided adjacent to the perimeter fence at most areas, which would soften the campus perimeter and provide screening. At the main entry, bermed landscape would limit the outside views, and would provide privacy from inside the campus. Low-impact development planters would be incorporated as needed to control stormwater runoff from adjacent buildings and walkways. Planting areas would also be added along West Manchester Avenue to provide green edges along this major street corridor.

All existing irrigation would be removed and replaced with a water-efficient irrigation system with a smart weather-based controller. All landscaping would be designed to use recycled water for irrigation.

2.3.2 Grading, Earthwork, Demolition, and Drainage

Construction would involve demolition of existing paving, buildings, and recreational uses; site clearing; grading and excavation for the proposed buildings; utility, circulation, and landscaping improvements, structural development; and site cleanup. Construction of the Project would result in approximately 537,600 sf of impervious surfaces and approximately 182,400 sf of pervious surfaces across the Project Site. The Project would require a maximum excavation depth of 11.5 feet and would be anticipated to

include soil cut and fill, likely resulting in soil export. Additionally, the Project would result in demolition debris, resulting from demolition of buildings, batting cage and tennis courts, basketball courts, parking lots, and concrete walkways.

Drainage improvements would be included for all recreational components and exterior finished grades or surfaces would all be designed with positive drainage away from foundations. Ground surfaces and paved surfaces within 10 feet of building foundations would be sloped between 0.5 to 5 percent to meet Americans with Disabilities Act (ADA) requirements while also providing adequate slopes for drainage. Planters would have adequate surface drainage to present standing water adjacent to foundations. Additional catch basins, storm drains, and landscape drains would be installed throughout the Project Site to ensure adequate site drainage. In addition, the following erosion and sediment control measures would be implemented during construction:

- All inlets receiving stormwater runoff from the Project Site shall be equipped with inlet protection.
- All paved areas shall be kept clear of earth materials and debris and the Project Site shall be maintained so to minimize sediment laden runoff entering the storm drain system.
- Stockpiled earthen material shall be either covered with a tarp or watered sufficiently to eliminate dust.
- 6-foot-tall dust fences shall be installed around the Project Site during construction activities.
- Fiber rolls and/or gravel bags shall be utilized to stabilize soils and prevent erosion.
- Regraded dirt shall be stabilized against erosion through hydroseeding, anchored geotextile fabric, or equivalent measure.

2.3.3 Sustainable Design Features

Per the California Energy Code Section 110.10B, the Project is required to provide at least 15 percent of the total roof area. The Project would meet this requirement and would provide the required coverage of solar ready area on building rooftops. As discussed above, the proposed parking improvements also include 25 electric vehicle parking spaces. Irrigation improvements included in the Project would use reclaimed water and check valves or anti-drain valves are required on all sprinkler heads where low point drainage could occur as part of the model water efficient landscape ordinance requirements. The Project would comply with all mandatory measures under 2022 California Green Building Standards Code (CALGREEN), Part 11, Title 24 CCR for equipment and systems efficiency.

2.4 Construction Process and Timeline

Construction would occur in multiple phases with site preparation and demolition anticipated to begin January 2026 through October 2027, with occupancy in January 2028. As indicated above, Inglewood High School students and faculty would be relocated to the Morningside High School during the reconstruction of the campus. Abatement work is conducted regularly throughout the campus, and would occur in compliance with existing regulations and standards.

The various phases of construction would consist of demolition of existing buildings, rough grading of the site, construction of new buildings, and modernization of the existing buildings. Total construction would occur for a duration of 22 months with a 5-day work week. If construction takes longer than assumed, work could occur beyond the anticipated duration.

Construction is expected to occur between 7:00 a.m. and 8:00 p.m., Monday through Friday, and would comply with the City of Inglewood Municipal Code limits regarding construction activity (Municipal Code Section 5-41).[1] Nighttime construction activities would occur in compliance with the City's Municipal Code, which requires issuance of a permit for construction equipment operated outside the hours of 7:00 a.m. – 8:00 p.m. or for work on weekends.

All construction and work areas would be clearly demarcated and student access would be prohibited, consistent with construction efforts on other District facilities. All construction equipment staging would be located on-site in clearly demarcated areas. During construction, materials and equipment may be visible from adjacent streets, however, the District would screen these areas with construction fencing. Construction workers would park on the Project Site in specially designated areas. Construction of the Project may require detours and temporary lane closures along streets bordering the Project Site. A Construction Management Plan would be prepared if required by the City.

2.5 Discretionary Approvals Required

2.5.1 Lead Agency

In conformance with CEQA Guideline Sections 15050 and 15367, the District is the Lead Agency, which is defined as the "public agency, which has the principal responsibility for carrying out or approving a project."

2.5.2 Reviewing Agencies

There are no responsible or trustee agencies. DSA will review and approve the project design for compliance with California Code of Regulations Title 24 and access compliance requirements.

2.5.3 Permits and Other Approvals

Actions and approvals that may be required from other agencies for the Proposed Project include:

- DSA –Project closeout and certification will be required during each construction phase
- State Water Resources Board - Construction General Permit coverage
- Los Angeles Regional Water Quality Control Board –National Pollutant Discharge Elimination System (NPDES) Permit coverage and review/approval Stormwater Pollution Prevention Plan (SWPPP)
- City of Inglewood Department of Public Works – Permit for construction noise if construction activities are required outside of the hours identified in the City's Municipal Code

[1] Construction could occur on weekends if schedule is running behind.

CHAPTER 3
Environmental Checklist

1. Project Title:	Inglewood High School Reconstruction Project
2. Lead Agency Name and Address:	Inglewood Unified School District 401 S. Inglewood Avenue Inglewood, CA 90301
3. Contact Person and Phone Number:	Jordan Miles, Executive Director Construction and Facilities, Inglewood Unified School District (310) 680-4898
4. Project Location:	Inglewood High School 231 South Grevillea Avenue Inglewood, CA 90301
5. Project Sponsor's Name and Address:	Inglewood Unified School District Business Services 401 S. Inglewood Avenue Inglewood, CA 90301
6. General Plan Designation(s):	Civic Center (C-C)
7. Zoning:	Civic Center (C-C)
8. Description of Project:	School improvements (see Chapter 2, Project Description)
9. Surrounding Land Uses and Setting:	North: West Manchester Boulevard; commercial uses; and Inglewood Public Library and Inglewood City Hall South: West Kelso Street; Single-family and multi-family residential East: South Grevillea Avenue; multi-family housing West: Single-family residential; retirement community
10. Other public agencies whose approval is required:	Office of the Division of State Architect; State Water Resources Board, Los Angeles Regional Water Quality Control Board, City of Inglewood
11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resource Code Section 21080.3.1:	Pursuant to Assembly Bill 52, the District sent letters to Native American tribes traditionally affiliated with the area, including Gabrieleno Band of Mission Indians – Kizh Nation, Gabrieleno/Tongva San Gabriel Band of Mission Indians, Gabrieleno Tongva Indians of California Tribal Council, Gabrieleno/Tongva Nation, Gabrielino-Tongva Tribe, Santa Rose Band of Cahuilla Indians, and Soboba Band of Luiseno Indians.

3.1 Environmental Factors Potentially Affected

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

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

DETERMINATION:

On the basis of this initial study:

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

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

☒ I find that the Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the 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 the 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 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.



Signature

07/02/2025

Date

3.2 Environmental Checklist

I. Aesthetics

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
I.	**AESTHETICS — 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)	Substantially degrade the existing visual character or quality of public views 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?	☐	☐	☒	☐
d)	Create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?	☒	☐	☐	☐

Discussion

a) **No Impact.** The Project Site is located within an urbanized area of the City of Inglewood (City) and is developed with the Inglewood High School. The surrounding land uses are primarily comprised of residential uses including a retirement community to the west, single-family and multi-family residential uses to the south, and residential uses including a multi-family apartment building to the east. To the north of the Project Site are located commercial uses as well as institutional uses, including the Inglewood Public Library and Inglewood City Hall.

According to the City of Inglewood General Plan Open Space Element the City is a fully developed and urbanized community. The City of Inglewood General Plan does not identify scenic vistas within the City or within the vicinity of the Project Site (City 1995). The Project would include demolition, renovation, and construction of school facilities on an existing campus. Although the proposed demolition and improvements would be visible to the public from the public right-of-way along South Grevillea Avenue, West Kelso Street, and West Manchester Boulevard, the proposed improvements would not change the current views to and from any scenic vistas, as none are present within the vicinity of the Project Site. As a result, no impacts to scenic vistas would occur. This issue will not be further evaluated in the EIR.

b) **No Impact.** According to the California Department of Transportation (Caltrans) Scenic Highways Mapping Program, there are no designated or eligible State scenic highways on or near the Project Site. The nearest eligible highway is Route 187 (Near Santa Monica)/Route 101 (Near El Rio) located approximately six miles northwest of the Project Site. The nearest Federal Byway is the Arroyo Seco Historic Parkway Scenic Byway [Interstate 110 (I-110)] located approximately nine miles northeast of the Project Site, north of downtown Los Angeles and south

of Interstate 210 in Pasadena (Caltrans, 2019). Therefore, no impacts related to scenic resources along a state scenic highway would occur. This issue will not be further evaluated in the EIR.

c) **Less Than Significant Impact.** The Project Site is located in an urbanized (urban) area within the City of Inglewood, including classroom, administrative buildings, and recreational facilities. The existing visual character surrounding the Project Site is that of a residential neighborhood, with single-family and multi-family residences surrounding the school to the south and west, commercial uses and city facilities to the north, and residential uses to the east. The Inglewood High School campus is currently developed as a high school with classroom buildings, athletic fields, and one surface parking lot. While the Project Site is relatively level, the Project Site generally slopes towards the southwest with elevations between approximately 113 and 119 feet above mean sea level.

Public views addressed in this analysis include those from West Kelso Street, West Manchester Boulevard, and S. Grevillea Avenue. Views from private residences and the adjacent commercial facilities are not considered protected views under CEQA, and therefore are not further discussed.

The Project Site is zoned and designated as Civic Center (C-C), which is the concentration of government services including, but not limited to, City Hall, Inglewood Public Library, and Inglewood High School. Therefore, the Project will not conflict with applicable zoning. In addition, none of the General Plan Elements have specific regulations governing scenic quality.

Construction. Construction of the Project would include the presence of a construction staging area and construction fencing as well as the use of heavy machinery including, but not limited to, large trucks, bulldozers, excavators and a crane. The Project Site is largely enclosed by the existing buildings, walls, and permanent fencing. The existing fencing and temporary construction fencing would screen public views of construction activities on the Project Site. Construction activities are anticipated to occur from the early 2026 for an anticipated 22 months, in various phases including demolition, grading and excavation, construction, and finish work. In addition, trucks used to haul excavation material off-site during construction would follow the City's designated truck routes to ensure large trucks would not travel through local residential streets and would utilize West Manchester Boulevard to I-405 or South Prairie Avenue or Crenshaw Boulevard to I-105 (City of Inglewood Public Works Department 2023). Visual impacts associated with construction equipment and activities on the Project Site for this temporary duration would not degrade the urbanized visual character of the Project Site or its surroundings resulting in a significant visual impact.

Operation. All proposed improvements would occur entirely within the developed Project Site. After construction, the proposed improvements would be partially viewable depending on viewing location due to the installation of new security fencing around the perimeter of the Project Site and intervening buildings and landscaping throughout the Project Site.

Prominent existing visual elements on the eastern portion of the Project Site, South Grevillea Avenue, include the existing classrooms and auditorium. Along the southern portion of the Project Site a parking lot and after school education campus buildings are visible. Views along South Grevillea Avenue would change due to the proposed parking and circulation improvements

and new security fence and landscaping. Views of the existing athletic area would change due to the construction of the new athletic facilities. Views along West Manchester Boulevard would change due to the proposed demolition of the classroom buildings located along the eastern portion of the Project Site.

Prominent existing visual elements along South Grevillea Avenue include classrooms and the existing tennis courts. However, views from this roadway are largely screened by the existing buildings and fencing. Views from West Manchester Boulevard would change due to the proposed demolition of the classroom buildings located along the northern portion of the Project Site. However, the proposed classroom buildings would be located in place of these demolished buildings. Therefore, views from West Manchester Boulevard would remain largely unchanged from existing conditions.

Despite these changes, public views along West Manchester Boulevard and South Grevillea Avenue would not be substantially altered as the proposed modifications would be consistent in size, scale and building materials of existing campus structures. Ornamental landscaping would remain or would be re-planted along the exterior perimeter of the Project Site and security fencing would be installed similar to the existing fencing surrounding the Project Site. Therefore, the visual character and quality of public views would not be significantly impacted from public viewpoints.

Due to site configuration and intervening structures and landscaping, only those buildings and activities near the perimeter of the Project Site would be visible along South Grevillea Avenue and West Manchester Boulevard. The majority of the new athletic facilities would be located in the central and western portions of the Project Site and would be visible from West Manchester Boulevard and West Kelso Street. Other modernization elements of the Project, including repairing interior and exterior finishes, replacing flooring and interior lighting, and landscaping improvements would not be visible from public vantage points due to security fencing and intervening structures and landscaping. Lastly, the proposed parking and circulation improvements would update existing parking areas on the Project Site and would not constitute a significant change in the visual quality from public views.

Overall, the visual character would be similar to the existing conditions, which is that of an existing high school, school-related uses, and athletic facilities. Moreover, the Project would replace the existing aging school infrastructure with new improved structures, and therefore would aim to improve the visual quality of public views of the Project Site. Therefore, impacts on the visual character or quality of public views of the Project Site or surrounding area would be less than significant. This issue will not be further evaluated in the EIR.

d) **Potentially Significant Impact** The Project Site is located adjacent to West Manchester Blvd, South Grevillea Avenue, and West Kelso Street which contain cars and streetlights that emit light and glare during the day and night consistent with an urban residential neighborhood. In addition, the campus currently includes limited exterior security lighting with additional lighting from street lights on adjacent roadways.

Construction activities would occur from early 2026 over a duration of approximately 22 months. Nighttime work is not expected but could occur if needed and with approval as necessary. Temporary lighting sources required for nighttime construction activities may result in sources of light for adjacent residences and result in a source of glare to motorists on adjacent roadways. Therefore, this impact is considered potentially significant and will be analyzed in the EIR.

After Project construction activities are complete, the Project would introduce new sources of artificial light throughout the Project Site. New lighting on the Project Site would include campus path lighting, a total of 16 new Musco lights at the sports facilities, and exterior building lights.

Windows are the main source of glare complaints on buildings. The EIR will analyze any potential impacts from glare associated with the Project. Due to the installation of additional lighting, especially the field lighting, this impact is considered potentially significant and will be analyzed in the EIR.

II. Agricultural and Forest Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
II. AGRICULTURAL AND FOREST 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. **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?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Project Site is located in an urbanized area and is developed with the Inglewood High School. In addition, the General Plan designation and zoning for the Project site is Civic Center (C-C). According to the California Department of Conservation's Los Angeles County Important Farmland Map, the Project Site is classified as "Urban and Built-Up Land," which does not contain any agricultural uses or areas designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (California Department of Conservation 2025). Therefore, the Project would not convert farmland to a non-agricultural use and no impact would occur. This issue will not be further evaluated in the EIR.

b) **No Impact.** As noted above in threshold (a), the Project Site is currently developed as a high school within an urbanized area and does not contain any agricultural land. The Project Site is located within the Downtown Transit Oriented District of the City (City of Inglewood 2023). The Downtown Transit Oriented District Development Plan and Design Guidelines identifies that the Project Site is located within the Civic Center District and is designated and zoned as Civic Center (C-C). The C-C district allows government offices, schools and other public facilities, as well as limited private office and retail and does not allow agricultural uses (City of Inglewood 2023, City of Inglewood 2024). There are no Williamson Act contracts in the vicinity of the

Project Site (California Department of Conservation 2024). Therefore, the Project would not conflict with existing zoning for agricultural use, or a Williamson Act contract and no impact would occur. This issue will not be further evaluated in the EIR.

c) **No Impact.** As noted above in thresholds (a) and (b), the Project Site is located within an urbanized area on an existing school site. The Project Site is located within the Downtown Transit Oriented District of the City. Within the Downtown Transit Oriented District Development Plan and Design Guidelines, the Project Site is located within the Civic Center District, and is zoned and designated as Civic Center (C-C), which does not include forest lands, timberlands, or timberland zoned Timberland Production (City of Inglewood 2024). Therefore, the Project would not conflict with existing zoning for forest land and no impact would occur. This issue will not be further evaluated in the EIR.

d) **No Impact.** As noted above in threshold (c), the Project Site is currently developed as a high school and, according to the City of Inglewood General Plan and Municipal Code, is not designated as forest land (City of Inglewood 2023, City of Inglewood 2024). Therefore, the Project would not result in the loss of forest land or conversion of forest land to non-forest use; therefore, no impact would occur. This issue will not be further evaluated in the EIR.

e) **No Impact.** As noted above, construction and operation of the Project would have no impact on agriculture or forest resources. Additionally, there would be no need for land acquisitions to implement the Project. No other changes in the existing environment, which, due to their location and nature, would result in the conversion of farmland to non-agricultural use or conversion of forest land to non-forest use under the Project. Therefore, no impact would occur. This issue will not be further evaluated in the EIR.

III. Air Quality

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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. 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?	☐	☐	☒	☐

Discussion

a) **Potentially Significant Impact.** The Project is located in the South Coast Air Basin, which is governed by the South Coast Air Quality Management District (SCAQMD). The SCAQMD is the air pollution control agency primarily responsible for preparing the Air Quality Management Plan (AQMP) in coordination with the California Air Resources Board (CARB), Southern California Association of Governments (SCAG), and the U.S. Environmental Protection Agency (USEPA). The AQMP is a comprehensive air pollution control program for making progress towards and attaining the established State and federal ambient air quality standards. The 2022 AQMP was adopted by the governing board of the South Coast AQMD Governing Board on December 2, 2022.

The Project would modernize Inglewood High School, which would result in an increase in air pollutant emissions during Project-related construction. Although the campus population would increase over existing conditions with the relocation of students from Morningside High School to Inglewood High School, the overall campus capacity would not increase with the Project. Since students will be shifted, the regional impact of the increase in student population will be analyzed. Therefore, the impact is considered potentially significant. An air quality assessment will be prepared to analyze the Project's potential air quality impacts and consistency with the AQMP.

b) **Potentially Significant Impact.** The Project Site is located in the South Coast Air Basin which is in nonattainment for ozone and particulate matter (PM10 and PM2.5). Construction activities associated with the Project would generate a short-term increase in air pollutants that could cumulatively contribute to the existing air quality of the region. Since students will be shifted, the regional impact of the increase in student population will be analyzed. An air quality assessment will be prepared to analyze the Project's potential air quality impacts related to criteria pollutants. This impact is considered potentially significant and will be analyzed in the EIR.

c) **Potentially Significant Impact.** Sensitive receptors are defined as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are schools, residences, hospitals, and daycare centers. CARB has identified the following groups of individuals as the most likely to be affected by air pollution: the elderly over 65, children under 14, athletes, and persons with cardiovascular and chronic respiratory diseases such as asthma, emphysema, and bronchitis.

The closest sensitive receptors include the onsite student population at Inglewood High School, as well as adjacent residential uses to the south and west, and a childcare facility and residential uses to the east. Although existing students and staff will be temporarily relocated during construction, the Project's construction activities could potentially expose nearby residents and children to elevated concentrations of air pollutant emissions from construction of the Project. In addition, potential impacts during operation will also be analyzed. Therefore, this issue will be evaluated in the EIR.

d) **Less than Significant Impact.** According to the SCAQMD CEQA Air Quality Handbook, land uses associated with odor complaints typically include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. Since the Project would modernize and upgrade the existing Inglewood High School campus, it would not include any uses identified by the South Coast AQMD as being associated with odors.

Construction activities associated with the Project may generate detectable odors from heavy-duty equipment exhaust and architectural coatings. However, construction-related odors would be short term in nature and cease upon the Project's completion. In addition, the Project would be required to comply with the California Code of Regulations, Title 13, sections 2449(d)(3) and 2485, which minimizes the idling time of construction equipment either by shutting equipment off when not in use or by reducing the time of idling to no more than five minutes. This would reduce detectable odors from heavy-duty equipment exhaust. Any odors generated from construction and operation of the Project are not expected to affect a substantial number of people. Therefore, impacts would be less than significant, and this issue will not be addressed in the EIR..

IV. Biological Resources

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES — 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 Game 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, regulations, or by the California Department of Fish and Game or U.S. 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?	☐	☐	☐	☒

Discussion

a) **Less Than Significant Impact.** The Project Site is developed with an existing school campus and is either paved, graded, or landscaped to support school building facilities, parking, and athletic facilities. There is no native vegetation located on the Project Site. Ornamental landscaping is present throughout the Project Site, including along the periphery of the existing parking lot and internal sidewalk and in courtyards between classrooms. Ornamental vegetation including trees occurring within the Project Site may provide suitable nesting habitat for migratory birds and raptors protected under the Federal Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code, which prohibit the take or destruction of migratory birds/raptors, their nests, and/or eggs.

Construction. Construction of the Project would include removal of existing trees and landscaping, as well as demolition of buildings and structures. Therefore, construction activities may directly and indirectly impact nesting birds within the Project Site. Construction is anticipated commence in early 2026 and take approximately 22 months. Therefore, construction is expected to overlap the avian breeding season (generally January 15 through September 15). To the extent feasible, tree and vegetation removal would take place outside of the general avian breeding season; however, if these activities occur within this season, the District and

construction contractor(s) would be required to comply with federal law and the MBTA. In compliance with federal law, a nesting bird survey would be performed by a qualified biologist within 72 hours of any construction activities including ground disturbance, tree removal or vegetation trimming during the nesting season. If active nests are identified during the survey, the qualified biologist will establish appropriate measures to avoid impacts on active nests, which may include a buffer around designated nests or other avoidance measures. The biologist will continue to monitor the nest throughout the duration of the construction activities within the vicinity of the nest, and the measures will remain in place until it has been determined the young have fledged or the nest has been abandoned.

With compliance with applicable laws and regulations protecting nesting and migratory birds, construction impacts to candidate, sensitive, or special-status species would be less than significant. This issue will not be further evaluated in the EIR.

Operation. Operational activities associated with the school and athletic facilities would continue, similar to existing conditions. Indirect impacts to nesting birds during operation of the Project may result from additional lighting onsite. If present onsite, nesting birds utilizing the ornamental landscaping are already adapted to living in an urbanized setting with the existing night lighting and event noise on-site, as well as from the adjacent residential and commercial areas and traffic along roads. Furthermore, lighting fixtures would be designed to prevent unwanted spill light, uplight, or glare. Therefore, operational impacts to habitats or sensitive species would be less than significant and this issue will not be addressed in the EIR.

b) **No Impact.** The Project Site is currently developed as an operating high school which is paved, graded, developed or landscaped. Vegetation within the Project Site is comprised of non-native grass for athletic field use and ornamental landscaping. There is no wetland or riparian habitat or other sensitive natural community on or adjacent to the Project Site. Therefore, there would be no impacts to riparian habitat or sensitive natural communities. This issue will not be further evaluated in the EIR.

c) **No Impact.** As described in threshold 4(b), there are no State or federally protected wetlands within or adjacent to the Project Site. The Project would occur entirely within the existing developed school campus. Therefore, the Project would not affect any State or federally protected wetlands either directly or indirectly. Thus, no impact would occur and this issue will not be addressed in the EIR.

d) **No Impact.** The Project Site is located in an urbanized and developed area surrounded by residential and commercial development. The Project Site is developed as an operating high school and is either paved, graded, or landscaped. The Project Site is currently used for administrative, educational, and recreational activities and is also entirely enclosed by buildings and fencing. The Project Site and surrounding area do not contain any streams or bodies of water that may be inhabited by any native resident or migratory fish species. Because the Project would occur on an existing developed school campus within a developed area, the Project Site is not considered a migratory wildlife corridor. Therefore, the Project would not result in the interference of the movement of any native or migratory species, wildlife corridors, or the use of native wildlife nursery sites. Thus, no impact would occur and this issue would not be addressed in the EIR.

e) **Less Than Significant Impact.** A significant impact could occur if a project were inconsistent with local regulations pertaining to biological resources, such as the City Protected Tree Ordinance (Section 12-113). The City of Inglewood Municipal Code protects trees having a minimum trunk diameter of eight inches measured fifty-four inches above ground and 13 specific tree species that have reached a minimum of four inches diameter trunk size. Construction of the Project would result in the removal of 26 existing trees. The Project would protect the existing palm trees on the Project Site. In addition, the Project includes planting plans to provide ornamental trees and would include additional landscaping throughout the Project Site. Some of the 26 trees to be removed are considered to be trees protected by the Inglewood Municipal Code. For those trees that are protected, the District would work with the City to evaluate those trees, apply for a permit to remove trees, and replace those trees with trees equal in size, species, and value, in compliance with the Municipal Code. Therefore, the Project would not conflict with any local policies or ordinances related to the protection of biological resources and impacts would be less than significant. This issue will not be further evaluated in the EIR.

f) **No Impact.** The Project Site is fully developed in an urbanized area of the City. There are no habitat conservation plans or similar plans for the protection of biological resources that apply to the City. Therefore, the Project would not conflict with applicable conservation plans, and no impact would occur. This issue will not be further evaluated in the EIR.

V. Cultural Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
V. CULTURAL RESOURCES — Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to in §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 formal cemeteries?	☐	☐	☒	☐

Discussion

a) **Potentially Significant Impact.** According to CEQA Guidelines, a project has the potential to impact a historical resource when the project involves a "substantial adverse change" in the resource's significance. Substantial adverse change is defined as "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the historical resource would be materially impaired".

Based on visual observation of the campus, preliminary research, and evaluation of the eligibility criteria for listing of the existing school facilities at the federal, State, and local levels, ESA has identified buildings on campus that are potentially eligible for listing in the California Register of Historical Resources. Since the Project may have the potential to result in a substantial adverse change in the significance of a historical resource, as defined in CEQA Guidelines Section 15064.5, impacts are considered to be potentially significant and will be further analyzed in the EIR.

b) **Potentially Significant Impact.** The campus is a developed site, located within an urbanized mixed-use area of the City of Inglewood. Construction of the Project would generally involve demolition of a majority of the existing on-site structures, grading and foundation work, and building construction. Inadvertent archaeological discoveries are possible during the construction period, particularly during demolition, grading, or excavation, which could have the potential to impact unknown cultural resources. The Project would therefore have the potential to cause a substantial adverse change in the significance of an archaeological resource pursuant to section 15064.5. Impacts are considered to be potentially significant and will be further analyzed in the EIR.

c) **Less Than Significant Impact.** The campus was originally constructed in 1925 with subsequent improvements and additions occurring over the following decades. No known burial sites are located within the Project site and the area has been previously disturbed by development. However, in the unlikely event that human remains or funerary objects are discovered during the Project related ground-disturbing activities, Health and Safety Code section 7050.5 and Public Resources Code section 5097.98 mandate the process to be followed in the event of an accidental discovery of any human remains in a location other than a dedicated cemetery. Specifically,

Health and Safety Code section 7050.5 requires that if human remains are discovered on a project site, disturbance of the site shall remain halted until the County coroner has conducted an investigation into the circumstances, manner, and cause of any death, and recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative, in the manner provided in section 5097.98 of the Public Resources Code. If the County coroner determines that the remains are not subject to his or her authority and if the coroner has reason to believe the human remains to be those of a Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission.

Compliance with existing regulations regarding the discovery of human remains would ensure that the Project's potential impacts to human remains would be less than significant. This issue will not be further evaluated in the EIR.

VI. Energy

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
VI. ENERGY — 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?	☒	☐	☐	☐

Discussion

a) **Potentially Significant Impact.** The Project would consume energy resources during temporary construction activities, which would result in short-term energy use in the form of electricity from construction equipment and petroleum or diesel fuel from construction equipment and on-road truck and other vehicle trips. Impacts related to energy use during construction are potentially significant and will be analyzed further in the EIR.

The Project would result in the demolition of the majority of the buildings located on the Project Site, the modernization of some of the existing buildings, and the construction of six new buildings that would comply with the 2022 Building Energy Efficiency Standards. Under the 2022 standards, buildings would be more energy efficient compared to the 2019 standards. However, increased electrical, gas, and transportation energy demands may result from Project implementation. Therefore, impacts related to energy are considered potentially significant and this issue will be analyzed in the EIR.

Potentially Significant Impact. As discussed above, the Project would result in the demolition of the majority of the buildings located on the Project Site, the modernization of some of the existing buildings, and the construction of six new buildings. The existing school consumes energy for uses such as heating, cooling, and ventilation of buildings; water heating; operation of electrical systems; lighting; and use of on-site equipment and appliances. Increased electrical, gas, and transportation energy demands may result from Project implementation. Impacts are considered potentially significant and will be analyzed in the EIR.

VII. Geology, Soils, and Seismicity

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
VII. GEOLOGY and Soils — Would the project:				
a) 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.)	☐	☐	☐	☐
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 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?	☐	☒	☐	☐
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?	☒	☐	☐	☐

Discussion

The following discussion is based, in part, on the *Geotechnical Investigation Report* prepared by Geolabs-Westlake Village (GWV), dated September 25, 2024, as well as the *Fault Investigation Report* prepared by GWV, dated December 7, 2023, both of which are provided in **Appendix A-2** of this document.

a.i) **Less Than Significant Impact.** Similar to all of southern California, the Project Site is in a known seismically active region as a result of being located near the active margin of the North American and Pacific tectonic plates, where the potential of seismic hazards exists. According to the Department of Conservation California Geological Survey (DOC), the northeast portion of the Project Site is located within the Newport-Inglewood-Rose Canyon Fault Zone (DOC 2024). In the event of a seismic event, the proposed improvements and recreational facilities could be subjected to seismic shaking that could damage the facilities. Although a potential effect of the environment (i.e., an earthquake) on the Project is not subject to CEQA analysis, structural and mechanical failure of facilities onset by seismic ground shaking could threaten the safety of

workers or the public, resulting in a potentially significant impact and are considered below for informational purposes.

Construction of the proposed improvements and recreational facilities would be required to comply with the recommendations provided in the *Geotechnical Investigation Report* including providing proper setbacks from the fault zone. In addition, the Project would be required to comply with all seismic-safety development requirements, including the Title 24 standards and Earthquake Design Regulations of Chapter 16A of the California Building Code under the direction and approval authority of the Division of the State Architect (DSA). As described above, project plans will be reviewed and approved by DSA and DSA will be responsible for final design review and construction oversight. Conformance with all project-specific geotechnical recommendations and applicable seismic-safety development requirements would minimize seismic ground shaking effects in the event of a major earthquake and ensure that the potential seismic or geologic hazard impacts are not significant. Therefore, impacts related to seismic ground shaking effects would be reduced to a less-than-significant level. This issue will not be further evaluated in the EIR.

a.ii) **Less Than Significant Impact.** All of Los Angeles County, including the Project Site, is located within a known seismically active region and is subject to ground shaking. As described above, the northeast portion of the Project Site is located within the Newport-Inglewood-Rose Canyon Fault Zone. Other active faults in the vicinity of the Project Site include the Palos Verdes fault approximately 14 miles south, the Whittier fault zone approximately 20 miles east, the Redondo Canyon fault approximately 10.5 miles southwest, the Santa Monica fault approximately 9 miles northwest, the Hollywood fault zone approximately 10 miles north, and the Charnock fault approximately 5 miles southeast of the Project Site. A seismic event on the Newport-Inglewood fault (or other nearby faults) could cause significant ground shaking on the Project Site. According to the *Geotechnical Investigation Report* (**Appendix A-1**), the largest magnitude earthquakes anticipated along these faults would be a magnitude 7.5 (Mw) earthquake along the San Andreas Fault and a 6.7 Mw earthquake along the Northridge Blind Thrust Fault. Due to the proximity of the site to the Newport-Inglewood Fault, near field effects from strong ground motion associated with a large earthquake along this fault may occur at the Project Site. These near field effects, including "fling" and directivity of strong ground motion, may result in significantly higher accelerations at the site.

Construction of the Project would be required to comply with the recommendations provided in the *Fault Investigation Report* and the *Geotechnical Investigation Report*. In addition, the Project would be required to comply with all seismic-safety development requirements, including the Title 24 standards and Earthquake Design Regulations of Chapter 16A of the California Building Code under the direction and approval authority of the Division of the State Architect (DSA). As described above, project plans will be reviewed and approved by DSA and DSA will be responsible for final design review and construction oversight. Implementation of all project-specific geotechnical recommendations and applicable seismic-safety development requirements would minimize seismic ground shaking effects in the event of a major earthquake and ensure that the potential seismic or geologic hazard impacts would be less than significant. Therefore, with compliance with existing regulations and standards, as noted in the *Fault Investigation Report* and

Geotechnical Investigation Report, impacts related to seismic ground shaking effects would be reduced to a less-than-significant level. This issue will not be further evaluated in the EIR.

a.iii) **Less Than Significant Impact.** Liquefaction occurs when saturated, loose to medium dense, cohesionless soils are densified by ground shaking or vibrations. According to the *Geotechnical Investigation Report* (Appendix A-1), the Liquefaction Hazards Zone on the State of California *Seismic Hazards Zones Map* indicates that the Project Site is not located in a liquefaction susceptibility zone. In addition, due to the absence of shallow groundwater and the presence of sandy soils, it was determined the potential for liquefaction at the Project Site is low. Furthermore, the potential for dry seismic settlement on the Project Site was evaluated. With an estimated peak ground acceleration of 0.99g, differential settlement on the Project Site is anticipated to be on the order of 1 inch, with differential settlement of 0.50 inch over a span of 30 feet considering earthquake ground motions with a 2% probability of exceedance in 50 years. With implementation of the design and construction recommendations provided in the *Geotechnical Investigation Report*, the proposed structures would be designed in consideration with the settlement potential on the Project Site. As a result, the Project would not expose people or structures to potentially substantial adverse effects related to liquefaction or seismic settlement, and impacts would be less than significant. This issue will not be further evaluated in the EIR.

a.iv) **No Impact.** According to the Department of Conservation California Geological Survey (DOC), the Project Site is not located in a Landslide Hazard Zone on the State of California Seismic Hazard Zones Map (DOC 2024). In addition, no evidence for landslides were observed on or in the immediate vicinity of the Project Site at the time of the field exploration conducted in support of the geotechnical investigation. Based on topographic conditions of the Project Site, which is essentially flat with a grade difference of about 6 feet from the northeast corner of the property to the southwest corner, landsliding is not considered a potential hazard at the Project Site. No impact would occur and no further analysis will be included in the EIR.

b) **Less Than Significant Impact.** The entire Project Site has been disturbed through prior development of the existing school campus. The subsurface soil profile consists of fill underlain by Older Alluvium deposits. The maximum thickness of the fill is approximately 3 feet and asphalt thickness ranges from 3 to 4 inches. Fill material on the Project Site generally consists of silty fine to medium sand that is considered moist to very moist. The underlying alluvium is also silty sand considered moist.

Construction. Construction of the Project would require grading and excavation which may result in erosion during construction activities. However, previously developed and graded areas are less likely to erode and the soils on the Project Site were previously altered from the original construction and other previous improvements on the Project Site. As stated in the Project Description above, construction would result in a net cut of materials, and approximately 4,950 cubic yards of soil would be exported off the Project Site. In compliance with the State Water Resources Board Construction General Permit, the District would be required to prepare and implement a Storm Water Pollution Prevention Plan (SWPPP), which would include best management practices (BMPs) such as erosion control requirements during construction. Per the recommendations of the *Geotechnical Investigation Report* (Appendix A-1), temporary

excavations (such as utility trenches, grading removals, and back cuts for retaining wall construction) should comply with California Division of Occupational Safety and Health requirements. Excavations for the improvements would reach a maximum of 5 ft in depth. Given the shallow depth of earthwork required for the majority of the proposed improvements and the Project Site's relatively level topography, rapid storm water runoff would be limited, and would not exacerbate erosion potential with implementation of a SWPPP. Therefore, impacts would be less than significant related to soil erosion.

Operation. Following construction, the proposed Inglewood High School campus would be covered completely by pavement, structures, and landscaping, which would not leave exposed areas of bare soil susceptible to erosion. In addition, the Project would include approximately 129,522 sf of pervious surfaces and drainage improvements across the Inglewood High School campus, such as underground storm-capture infiltration vaults, to ensure adequate site drainage is met and reduce the potential for erosion from stormwater. Refer to Section X (*Hydrology and Water Quality*) below for a detailed discussion of impacts related to erosion from stormwater. As described above, a SWPPP would be required for the Project, which would also include operational BMPs to ensure soils within all exposed soil areas of the Project Site are compacted after completion of demolition activities and maintained to avoid loss of topsoil and erosion. As such, Project operation would have a less-than-significant impact related to erosion and loss of topsoil. This issue will not be further evaluated in the EIR.

c) **Less Than Significant Impact.** As previously discussed above, the Project Site has a low potential for liquefaction, landslides, and soil erosion, and impacts are considered less than significant. Since the Project Site has been previously developed, risks for soil-related instability would be unlikely. According to the *Geotechnical Investigation Report* (Appendix A-1), foundation recommendations are general in nature, and during the design phase of the project, additional project-specific foundation design criteria can be provided. The *Geotechnical Investigation Report* includes recommendations for the installation of a retaining wall with a back drainage system to be included. Therefore, with the implementation of project-specific geotechnical report recommendations, the proposed improvements would not result in conditions on the Project Site that would result in unstable soils, resulting in an on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse, and impacts would be less than significant. This issue will not be further evaluated in the EIR.

d) **Less Than Significant Impact.** Expansive soils are fine-grained soils (generally high-plasticity clays) that can undergo a significant increase in volume with an increase in water content and a significant decrease in volume with a decrease in water content. Changes in the water content of an expansive soil can result in severe distress to structures constructed upon the soil. According to the *Geotechnical Investigation Report* (Appendix A-1) prepared for the Project Site, the soils onsite are considered non-expansive. Therefore, the report includes recommendations regarding drainage and moisture content to address the potential for expansion. In addition, the report recommends that backfill for retaining walls should be properly compacted. Prior to the start of construction, the District would be required to incorporate the recommendations of the *Geotechnical Investigation Report* and any other subsequent geotechnical reports prepared for the Project into the final design plans and construction specifications. The final design plans for the Project would be reviewed by

DSA; consistent with the California Building Code. As described above, the District would be required to incorporate all recommendations from the geotechnical report into the plans in order to comply with existing regulations. With incorporation of the recommendations from the geotechnical investigations, expansive soil impacts associated with implementation of the Project would be less than significant. This issue will not be further evaluated in the EIR.

e) **No Impact.** Inglewood High School is currently developed with an existing sewer system for the disposal of wastewater that connects to the City's sewer system. The proposed improvements would not include the installation or use septic tanks or alternative wastewater disposal systems. Demolition of the existing Administration Building, Music Building, Performing Arts Building, and numerous existing (temporary and permanent) classroom buildings would not result in the generation of wastewater. Therefore, no impacts would occur and no further analysis will be included in the EIR.

f) **Potentially Significant Impact**. Paleontological resources are defined as fossilized remains of vertebrate and invertebrate organisms, fossil tracks and trackways, and plant fossils. A unique paleontological site would include a known area of fossil-bearing rock strata.

Paleontological resources are classified as nonrenewable scientific resources and are protected by State statute (Public Resources Code section 5097.5, Archaeological, Paleontological, and Historical Sites). Impacts on paleontological resources occur when excavation activities encounter fossiliferous geological deposits and cause physical destruction of fossil remains. The potential for impacts to paleontological resources to occur depends upon the sensitivity of underlying geologic units and is further influenced by the extent and depth of grading and excavation activities. Geologic mapping indicates that the surface of the Project Site is entirely underlain by middle to late-Pleistocene age alluvium (Qoa), which has a high potential for paleontological resources. Moreover, numerous paleontological resources have been recovered from deposits of similar age near the Project Site. Therefore, the potential exists for discovery of paleontological resources during ground-disturbing activities, which may result in damage or destroy paleontological resources that may be present below the ground surface. As impacts may be potentially significant, this issue will be further evaluated in the EIR.

VIII. Greenhouse Gas Emissions

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
VIII. GREENHOUSE GAS EMISSIONS — 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?	☒	☐	☐	☐

Discussion

a) **Potentially Significant Impact.** Greenhouse gas (GHG) emissions contribute, on a cumulative basis, to the significant adverse environmental impacts of global climate change. No single project could generate enough GHG emissions to noticeably change the global average temperature. The combination of GHG emissions from past, present, and future projects contributes substantially to the phenomenon of global climate change and its associated environmental impacts and as such is addressed only as a cumulative impact**.**

The State of California has established a comprehensive framework to substantially reduce GHG emissions over the next 40 years and beyond. Reduction measures will occur primarily through the implementation of Assembly Bill (AB) 32, Senate Bill (SB) 32, and SB 375, which address GHG emissions on a statewide, cumulative basis.

The Project would generate GHG emissions during temporary construction activities and long-term operations. Construction would result in short-term GHG emissions produced by construction equipment exhaust as well as on-road truck and other vehicle trips. While the Project would not exceed the existing capacity of Inglewood High School, operation of the Project would result in GHG emissions from energy consumption. Therefore, this impact is considered potentially significant, and this issue will be evaluated in the EIR.

b) **Potentially Significant Impact.** The CARB Scoping Plan is California's GHG reduction strategy to achieve the state's GHG emissions reduction target, established by AB 32 and SB 32, of a 40 percent decrease in 1990 emission levels by 2030. In addition, SB 375, the Sustainable Communities and Climate Protection Act of 2008, was adopted by the legislature to reduce per capita vehicle miles traveled and associated GHG emissions from passenger vehicles.

The SCAG 2024-2050 Regional Transportation Plan/Sustainable Communities Strategy (Connect SoCal; SCAG 2024) identifies the per capita GHG reduction goals for the SCAG region. The Project would emit GHGs during temporary construction activities and long-term operations. Therefore, this impact is considered potentially significant and will be analyzed in the EIR.

IX. Hazards and Hazardous Materials

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
IX.	**HAZARDS AND HAZARDOUS MATERIALS — 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 it 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?	☐	☐	☐	☒

Discussion

The following hazardous materials discussion is based, in part, on the *Phase I Environmental Site Assessment Report, Inglewood High School,* (herein referred to as the "Phase I"), prepared by Smith-Emery GeoServices, dated May 14, 2002 provided in Appendix B of this document.

a) **Less Than Significant Impact**. *Construction.* Project construction would require the use of materials that are typically associated with construction activities, such as diesel fuels, hydraulic liquids, oils, solvents, and paints. However, any hazardous materials used on site would be removed in accordance with state and federal regulations regarding the transport, use, and storage of hazardous materials.

As described in Chapter 2, *Project Description*, the Project includes the demolition of buildings and hardscape on both the Inglewood High School campus. The results of the *Phase I* concluded based on the age of some of the onsite structures there is potential for asbestos-containing building materials (ACBMs) in the onsite structures. In addition, the onsite building structures were built prior to the federal regulations banning the use of lead based paint. Therefore, there is the potential for lead based paints to exist in the onsite structures. According to the *Phase I*, three

pad-mounted and two apparent dry-type transformers were observed in the Project Site; however, the transformers appeared in good condition and the potential for PCBs to have impacted the Site is considered low (Smith-Emery GeoServices 2002).

Based on the potential of hazardous materials on the Project Site, construction of the Project could require the transport of hazardous materials off-site in order to remove the demolition debris. Trucks used during construction for the transportation of hazardous materials would follow the City's designated truck routes along West Manchester Boulevard, South Prairie Avenue or Crenshaw Boulevard to regional freeways for the transport of hazardous waste to appropriate disposal facilities. The U.S. Department of Transportation Office of Hazardous Materials Safety provides regulations for the safe transportation of hazardous materials (Code of Federal Regulations Titles 40, 42, 45, and 49 and implemented by California Code of Regulations Titles 17, 19, 22, and 27), and compliance with applicable regulations as well as oversight by the appropriate federal, State, and local agencies would minimize the risk of hazardous materials exposure during transport.

In addition, implementation of the recommendations in the *Phase I*, which include compliance with existing regulations and standards, would reduce potential impacts related to the routine transport, use, and disposal of hazardous materials and any upset or accidental conditions. In accordance with the recommendations, disturbance of the hazardous materials identified on the site shall be performed by a licensed abatement contractor. Demolition of thermostats, light switches and light fixtures carefully and all hazardous materials shall be handled and disposed of at a landfill in compliance with applicable regulations. Compliance with existing Cal/OSHA lead and asbestos regulations would also be required. Furthermore, all on-site generated waste that meets hazardous waste criteria shall be stored, transported, and disposed of in accordance with the California Code of Regulations (Title 22) and in a satisfactory manner for the Los Angeles County Fire Department (LACFD). Therefore, with compliance with federal, State, and local regulations for hazards materials, construction of the proposed improvements at the school campus would not result in significant impacts regarding use, transport, or disposal of hazardous materials and any potential upset or accident conditions.

Operation. Hazardous materials currently used on the Project Site are typical cleaning chemicals and substances used for building and landscape maintenance. Since the projected operation of the Project would not increase the Site capacity, the quantity and use of hazardous materials would be similar. Therefore, operation of the Project would not result in a significant hazard to the environment through the use, transport, or disposal of hazardous materials and impacts would be less than significant. This issue will not be further evaluated in the EIR.

b) **Less Than Significant Impact.** According to the State Water Resources Control Board GeoTracker database, the historical release of petroleum products from a leaking underground storage tank (LUST) at 145 Manchester Boulevard was located within a 0.25-mile radius of the Project site. However, this potentially impacted soil only and the case was completed and closed by the Los Angeles Regional Water Quality Control Board (LARWQCB) in 1993. The *Phase I* did not identify underground storage tanks, aboveground storage tanks, radon, pits, ponds, lagoons, septic tanks, cesspools, wells, or cisterns. According to the *Phase I* prepared for the

Project, Inglewood High School is located about ½ mile west of numerous oil wells within the Potero Oil Field. The nearest active well is located approximately 2,250 feet east of the Project Site. Based on the results of the subsurface exploration, no hazardous materials associated with oil fields are anticipated.

As described above, hazardous materials would be utilized during operation, similar to existing conditions. Hazardous waste could also be removed during construction due to demolition of buildings with hazardous materials. Therefore, due to the presence and potential removal of hazardous materials during construction activities, there is the potential for release of hazardous materials if accident conditions were to occur during demolition or transport to a proper disposal facility. However, if an accident were to occur, clean up would be conducted in accordance with state and federal regulations regarding hazardous materials, including regulations under the United States Environmental Protection Agency (USEPA), Cal/OSHA, and California Department of Toxic Substances Control (DTSC). In compliance with existing regulations, the Project would include implementation of an operations and maintenance program for ACMs and the use of a licensed abatement contractor through construction. This issue will not be further evaluated in the EIR.

c) **Less Than Significant Impact.** The Project Site itself is an existing high school campus and any hazardous materials used during Project construction would be transported, used, and stored in accordance with state and federal regulations regarding hazardous materials. As detailed above in thresholds (a) and (b), the routine transport, use, or disposal of hazardous materials during construction on the Project Site (a school) would be conducted in accordance with the recommendations provided in the *Phase I* prepared for the Project and in compliance with all federal, State and local regulations regarding hazardous materials. Therefore, the handling of hazardous materials within one-quarter mile of a school site would be less than significant. This issue will not be further evaluated in the EIR.

d) **Less Than Significant Impact.** Government Code Section 65962.5, amended in 1992, requires the California Environmental Protection Agency (CalEPA) to develop and update annually the Cortese List, which is a list of hazardous waste sites and other contaminated sites. While Government Code Section 65962.5 makes reference to the preparation of a list, many changes have occurred related to web-based information access since 1992 and information regarding the Cortese List is now compiled on the websites of the Department of Toxic Substances Control (DTSC), the State Water Board, and CalEPA. The DTSC maintains the EnviroStor database, which includes sites on the Cortese List and also identifies potentially hazardous sites where cleanup actions (such as a removal action) or extensive investigations are planned or have occurred. The database provides a listing of Federal Superfund sites [National Priorities List (NPL)]; State Response sites; Voluntary Cleanup sites; and School Cleanup sites. Geotracker is the State Water Resources Control Board's (SWRCB's) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup [USTs, Department of Defense, Site Cleanup Program] as well as permitted facilities such as operating USTs and land disposal sites. CalEPA's database includes lists of sites with active Cease and Desist Orders (CDO) or Cleanup and Abatement Orders (CAO) from the State Water Board.

As part of the Phase I, a search was conducted for available Federal, State, and local environmental database records for the project site and where practicable, adjoining properties and nearby properties or surrounding areas within approximate minimum search distances from the project site. No records pertaining to hazardous material storage/use and/or the presence of active and use limitation (AULs) were on file for the Project Site. The Project Site is listed on EnviroStor database as a School Investigation site. The site is not included on the national priorities list and the cleanup status is listed as "Inactive – Needs Evaluation as of 12/24/2007". According to the listing, the potential contaminants of concern include lead and diesel fuel from past uses, such as vehicle storage/refueling, that may have impacted sediments or soil on the Project Site (DTSC 2025). A letter from DTSC dated June 7, 2007 indicates that DTSC conditionally approved the Preliminary Endangerment Assessment Workplan prepared by Ellis Environmental Management, Inc. for the Project Site, which includes activities to investigate whether historical operations onsite have impacted the Site. No further site/facility documents or correspondence were available for review on the EnviroStor database.

A regulatory agency database search report prepared by Environmental Data Resources, Inc. (EDR) was reviewed within the Phase I. According to the EDR, there are 32 Cortese sites within approximately 1 mile of the Project Site. However, no hazards associated with the transfer of these materials are currently evident at the Project Site. As discussed above, any removal ACM and LBPs from the existing on-site building would occur in adherence with existing regulations. Therefore, the Project Site is not on the Cortese List and impacts would be less than significant. This issue will not be further evaluated in the EIR.

e) **Less Than Significant Impact.** The Project Site is located approximately 3.1 miles north of the Hawthorne Municipal Airport and approximately 3.0 miles east of the Los Angeles International Airport (LAX). The Project Site is not located within the Airport Influence Area for the Hawthorne Municipal Airport. However, the southern portion of the Project Site falls within the Airport Influence Area and 65 db CNEL noise exposure contour for LAX. According to the Los Angeles County Airport Land Use Plan, the Project Site would be compatible with the ALUP as educational facilities are considered satisfactory on the land use compatibility table within the exterior exposure noise contour range of 60-65 db CNEL (ALUP). Furthermore, the Project consists of improvements to the existing Inglewood High School campus, including demolition of the existing classroom and recreational facilities and the construction of new recreational facilities, circulation improvements, and interior improvements. In addition, the Project consists of the modification of an existing school and would not increase staff or students more than maximum capacity. Therefore, the Project would not expose additional people residing or working in the vicinity of the Project Site to any safety hazards or excessive noise levels within the vicinity of a private or public airport. Impacts related to safety hazards from nearby airports would be less than significant. This issue will not be further evaluated in the EIR.

f) **Less Than Significant Impact.** *Construction.* Construction and staging for the Project would also occur on-site and would not affect traffic operations on adjacent roadways. Construction activities may result in temporary lane closures and delays for pedestrian bridge construction, but would not impede non-motorized travel or public transportation in the Project vicinity. During construction activities, heavy construction-related vehicles could interfere with emergency

response to the Project Site (e.g., slowing vehicles traveling behind the truck). However, such delays would be infrequent and brief as drivers are required to pull over to allow an emergency vehicle on-call to pass. Furthermore, the construction specifications would be reviewed and approved by DSA and would ensure that emergency vehicle access on area roadways would be maintained at all times. The Project may also require temporary sidewalk closures while repairs are performed on existing sidewalks and driveways along the perimeter of the Project Site. However, any delays would be temporary and not considered to be significant. Temporary traffic control during construction shall meet the requirements of the version of the California Manual on Uniform Traffic Control Devices (Caltrans 2014) that is effective at the time of construction. As a result, construction of the Project would not impair or physically interfere with an emergency response, and impacts would be less than significant.

Operation. The County of Los Angeles has an adopted Operational Area Emergency Response Plan (ERP, 1984) and an All-Hazard Mitigation Plan (AHMP, 2014). The ERP focuses on emergencies requiring multi-agency and/or multi-jurisdictional responses and the AHMP provides strategies, actions, and goals for reducing vulnerabilities to identified hazards and identifies facilities and equipment available for responses to disasters. The Project Site is located along West Manchester Boulevard and South Grevillea Avenue, neither of which are identified as evacuation routes according to the City General Plan. According to the Los Angeles County Department of Public Works Disaster Routes Maps for the City of Inglewood, La Brea Avenue is the closest evacuation route. The Project includes demolition of classroom buildings, improvements to an existing high school campus and would not increase school capacity, resulting in additional staff or students. The Project would not result in roadway improvements or induced traffic that would physically interfere with this disaster route nor would it impair implementation of an evacuation plan. Therefore, operation of the Project would have a less than significant impact.

The Project would not include any alterations of existing roadway features (e.g., road realignment) that would create a permanent change to access for emergency vehicles. After construction of the Project, emergency access would improve at the Project Site as a result of the proposed circulation improvements and additional parking lots on the proposed Inglewood campus. As a result, the Project would not impair or physically interfere with an emergency response, and impacts would be less than significant. This issue will not be further evaluated in the EIR.

g) **No Impact.** The Project Site is within a developed urbanized area that has not been identified as a wildland fire hazard area. According to the California Department of Forestry and Fire Protection's (CAL FIRE) Very High Fire Hazard Severity Zones (VHFHSZ) in Local Responsibility Area Map, the Project Site is not located within a fire hazard severity zone (CAL FIRE 2024). Furthermore, all construction and operational activities, aside from off-site disposal of construction debris, would occur within the already developed school campus. Therefore, the Project would not expose people or structures directly or indirectly to a significant risk of loss, injury, or death from wildfires, and no impact would occur. This issue will not be further evaluated in the EIR.

X. Hydrology and Water Quality

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
X. HYDROLOGY AND WATER QUALITY — 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 imperious 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 offsite;	☐	☐	☒	☐
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 or release of pollutants due to project inundation?	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

Discussion

The following hydrology and water quality discussion is based, in part, on the Low Impact Development (LID) Plan drafted by KPFF Consulting Engineers in May 2025, provided in Appendix C of this document.

a) **Less Than Significant Impact.** The Project includes improvements to the existing Inglewood High School campus, including the demolition of buildings and hardscape and the construction of six new buildings. Therefore, the proposed improvements would alter the existing pervious and impervious surfaces within the Project Site, which could affect water quality during construction and operation, as described below.

Construction. During construction, exposed soil could temporarily increase the amount of sediment in runoff, which could enter the existing storm drain system. The Project would be required to obtain and comply with the Construction General Permit from the State Water Resources Control Board (SWRCB). Stormwater best management practices (BMPs) would be implemented to limit erosion, minimize sedimentation, and control stormwater runoff water quality during construction activities. The Project would disturb more than one acre of soil, and

therefore, would require the preparation of a Storm Water Pollution Prevention Plan (SWPPP) are part of the Construction General Permit requirements. Construction BMPs included in the SWPPP would include, but are not limited to, erosion control measures, sediment control measures, and hazardous materials, storage, disposal, and spill measures. Compliance under the Construction General Permit and SWPPP would ensure that construction activities would not degrade the surface water quality of receiving waters to levels that would be below the standards that are considered acceptable by the LARWQCB or other regulatory agencies.

Operation. As described above, the Project would result in the demolition of majority of the existing buildings and the removal of existing asphalt areas and the construction of 6 new buildings, landscaping and drainage improvements as well as the artificial turf field at the western portion of campus. Overall, the Project would result in an increase in impervious surfaces. The Project Site has approximately 495,800 sf of impervious and 224,200 sf of pervious surfaces, and the Project would result in approximately 537,600 sf of impervious and 182,400 sf of pervious surfaces across the approximately 18-acre portion of the Project Site. Therefore, the amount of impervious surface is anticipated to increase by approximately 41,800 sf from existing conditions.

Project drainage improvements would be achieved through the installation of best management practices (BMP) methods including dry wells, catch basins, storm drains, and biofiltration planters. Portions of the roof drainage system for Buildings 1, 3A, and 3B will connect to the underground storm drain system. Stormwater of these areas will be routed to a combined system that includes three (3) drywells and an underground detention tank before it overflows to the existing 27” reinforced concrete pipe (RCP) storm drain pipe on Kelso Street. The eastern portion of the roof drainage system for Buildings 1, 3A, and 3B and adjacent landscaped areas will drain to proposed biofiltration planters located adjacent to Grevillea Avenue. Any stormwater entering these biofiltration planters that exceeds the 85th percentile storm event will overflow and discharge directly to the existing 27” RCP pipe on Kelso Street. In the western portion of the Project site, the landscaped areas and new turf field will include a combination of biofiltration planters and drywell(s). These proposed BMP methods will provide the required stormwater quality treatment as required by the County of Los Angeles Department of Public Works Low Impact Development Standards Manual, dated February 2014. With the proposed drainage systems and BMPs, impacts related to surface water and groundwater quality would be less than significant and no further analysis is required in the EIR.

b) **Less Than Significant Impact.** The Project Site is within an established urban community that is serviced by the City of Inglewood Public Works Department. The Project does not propose to use groundwater. Additionally, all Project improvements would occur within the existing school campus footprint. The Project would include approximately 182,400 sf of pervious surfaces and drainage improvements, such as catch basins, dry wells, storm drains, and landscape drains, to ensure adequate site drainage and to avoid impacts to groundwater recharge. Therefore, the Project would not interfere with groundwater recharge such that the Project may impede sustainable groundwater management of a basin. Therefore, a less than significant impact would occur related to a decrease in groundwater supplies or groundwater recharge. This issue will not be further evaluated in the EIR.

c.i) **Less Than Significant Impact.** Construction of the Project would include ground disturbing activities that could temporarily alter the ground surface, consequently altering drainage patterns. Altered drainage patterns have the potential to result in erosion or sedimentation on or off site by redirecting or concentrating flows on-site. However, as described above in threshold IX(a), the Project would be required to comply with the Construction General Permit and a SWPPP. BMPs would be implemented to minimize sedimentation at the Project Site during construction activities. Drainage within the Project Site during operations would be provided by the proposed catch basins and existing storm drain system. Additionally, no stream or river courses exist on the Site or within the Site vicinity that could be affected by the Project. Therefore, impacts on the existing drainage pattern regarding siltation or erosion on- or off-site would be less than significant and no further analysis is required in the EIR.

c.ii) **Less Than Significant Impact.** As previously discussed above, construction of the Project would temporarily alter the ground surface during construction demolition and grading, consequently altering the drainage pattern. Altered drainage patterns have the potential to result in increased runoff, which could result in flooding on or off site. However, as described above in threshold IX (a), the Project would be required to comply with the Construction General Permit and a SWPPP. BMPs would be implemented to minimize runoff at the Project Site during construction, which in turn would minimize flooding. After the completion of construction, the elevation across the Project Site would be similar to existing conditions. To treat the on-site runoff, the project will utilize a combination of drywells, underground detention tank, and biofiltration BMPs to treat the 85th percentile storm of 1.08 inches of rainfall. Drainage of the site is partially provided by percolation through on-site soils and by sheet flow directed toward the west to southwest. The majority of the existing drainage is captured within landscape and hardscape area drains and piped into an underground storm drain system. Drainage within the Project Site would be retained by the proposed dry wells, catch basins, storm drains, and biofiltration planters. These drainage improvement BMP methods would be installed throughout the Project Site to ensure that there is adequate site drainage and that runoff drains away from the new structures. Therefore, impacts on the existing drainage pattern regarding runoff in a manner that would result in flooding on- or off-site would be less than significant. This issue will not be further evaluated in the EIR.

c.iii) **Less Than Significant Impact.** As discussed in threshold X(c)(i) and (ii), above. Construction of the Project would not result in significant impacts on the existing drainage pattern due to implementation of construction BMPs that would minimize flooding and runoff. As noted above, drainage improvements and landscaping elements would be installed throughout the Project Site to ensure adequate site drainage is met and that runoff drains away from the new structures. The Project would retain 100 percent of the stormwater volume on-site through the proposed underground catch basins, dry wells, and existing storm drain system. Therefore, impacts related to runoff exceeding the drainage system capacity would be less than significant and no further analysis is required in the EIR.

c.iv) **No Impact.** The Project Site is not located within a 100-year flood hazard area, as mapped on Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FEMA 2018). Therefore, the Project would not impede or redirect flows, and there would be no impact. This issue will not be further evaluated in the EIR.

b) **No Impact.** The Project Site is located approximately 5 miles east of the Pacific Ocean. According to the California Geological Survey's Tsunami Hazard Area Map, the Project Site is not in an affected Quadrangle (CGS 2025). In addition, the Project Site is not located near a body of water, and therefore not at risk by seiche. As previously discussed, the Project Site is not within a 100-year flood hazard area, as mapped on FEMA's Flood Insurance Rate Map (FEMA 2018). As a result, there would be no impact regarding risks from seiche, tsunami, or flood hazards that would risk or release pollutants due to inundation. This issue will not be further evaluated in the EIR.

c) **Less Than Significant Impact.** Project construction would require a maximum excavation depth of 11.5 feet. The Seismic Hazard Zone Report for the Inglewood 7.5-Minute Quadrangle, Los Angeles County CA, Seismic Hazard Zone Report 029 (Department of Conservation, Division of Mines and Geology) indicates that the historic high groundwater is at least 50 feet below ground surface. Therefore, no impacts to groundwater quality are anticipated. Similar to existing conditions, the Project would not require the use of groundwater. The proposed infiltration system described in threshold IX (a) would ensure infiltration rates for stormwater and drainage onsite infiltrate sufficiently and are treated properly. As a result, impacts related to surface water or groundwater quality would be less than significant, and the Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. This issue will not be further evaluated in the EIR.

XI. Land Use and Planning

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XI. LAND USE AND PLANNING — 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?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Project would result in a renovation of the Inglewood High School campus. Since all of the construction and future operation would occur on the existing school campus, and the use of the Site as a high school would continue. Therefore, the Project would not physically divide an established community, and no impact would occur. This issue will not be further evaluated in the EIR.

b) **No Impact.** The Project is consistent with the City's General Plan land use designation (Civic Center). The C-C district allows government offices, schools and other public facilities, as well as limited private office and retail (City of Inglewood 2016). By state law, school facilities can be exempted from local zoning ordinances consistent with California Government Code Section 53094. Additionally, the Project would not result in any changes to the existing land use at the Project Site, as operations would be consistent to that of the existing campus. No habitat conservation plans or natural community conservation plans are in place or applicable to the Project Site or vicinity. Based on the analysis above, the project would be consistent with the applicable General Plan and Zoning provisions of Inglewood. Therefore, the project would not result in conflicts with the applicable General Plan or Zoning Code or any other applicable land use plan, policy, or regulation of an agency with jurisdiction over the project such that significant physical impacts on the environment would occur. Since the Project would not change the existing use, the Project would not have the potential to conflict with adjacent land uses, and therefore, no impacts would occur and no further analysis is required in the EIR.

XII. Mineral Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XII. MINERAL RESOURCES — 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?	☐	☐	☐	☒

Discussion

a, b) **No Impact.** The Project Site is not located in Mineral Resource Zone (MRZ) 2, which is defined as a MRZ where adequate information indicates that significant mineral deposits are present or a likelihood of their presence and development should be controlled (DOC 2021). The Project involves demolition, renovation, and construction of school facilities on an existing campus; no mineral extraction or other mining operations currently occur within the Project Site. The Project would not result in the loss of availability of known mineral resource that would be of value to the region and the residents of the State, or result in the loss of a mineral resource recovery site. Therefore, there would be no impact related to mineral resources and no further analysis is required in the EIR.

XIII. Noise

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XIII. NOISE — 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?	☐	☐	☒	☐

Discussion

a) **Potentially Significant Impact.** Implementation of the Project would involve construction including demolition of a majority of the existing buildings and facilities, and operational activities that would generate noise levels that could expose sensitive receptors to noise levels in excess of noise standards. Short-term construction activities could increase noise levels at nearby sensitive land uses such as the residential uses adjacent to the Project site. Therefore, impacts regarding construction noise will be analyzed in the EIR.

Operational noise sources would include stationary sources such as heating, ventilation, and air conditioning units; activities associated with outdoor activities; and educational and recreational uses. The Project could result in operational noise impacts if the change in building locations and activities would result in an increase in noise levels that exceed thresholds identified by the Inglewood Municipal Code at off-site sensitive receptors. Impacts regarding generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project site in excess of standards established by the local general plan or noise ordinance will be analyzed in the EIR.

b) **Potentially Significant Impact.** The Project's construction can generate varying degrees of groundborne vibration, depending on the specific activities and equipment (e.g., pile drivers, jackhammers, dozers, haul trucks) used. The effect on buildings and sensitive receptors in the vicinity of the construction site varies depending on soil type, ground strata, and receptor-building construction. The Project involves demolition of the majority of existing structures, construction of new buildings, and some renovation. The construction phase has the potential to result in potentially significant impacts. The continued use of the Project Site as a school would not create operational-related groundbourne vibration. Due to the proximity of sensitive receptors and the type of construction work occurring, impacts regarding groundbourne vibrations are considered potentially significant, and will be analyzed in the EIR.

c) **Less Than Significant Impact.** The Project Site is located approximately 3.1 miles north of the Hawthorne Municipal Airport and approximately 3.0 miles east of the Los Angeles International Airport (LAX). The Project Site is not located within the Airport Influence Area for the Hawthorne Municipal Airport. However, the southern portion of the Project Site falls within the Airport Influence Area and 65 db CNEL noise exposure contour for LAX. According to the Los Angeles County Airport Land Use Plan (ALUP), the Project Site would be compatible with the ALUP as educational facilities are considered satisfactory on the land use compatibility table within the exterior exposure noise contour range of 60-65 db CNEL (ALUP). Furthermore, the Project consists of improvements to the existing Inglewood High School campus, including demolition of the existing classroom and recreational facilities and the construction of new recreational facilities, circulation improvements, and interior improvements. Therefore, the Project would not expose additional people residing or working in the vicinity of the Project Site to any safety hazards or excessive noise levels within the vicinity of a private or public airport. Impacts related to safety hazards from nearby airports would be less than significant.

XIV. Population and Housing

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XIV. POPULATION AND HOUSING — 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?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Project Site encompasses an existing school in a built-out urbanized community. The proposed activities do not include new homes or businesses and would not result in the extension of public roads or other infrastructure. The proposed installation of new sewer pipelines, and new domestic and fire water line systems would occur within the Project site and would connect to existing mainlines. In addition, the sewer, domestic water, and fire water lines would be a replacement of existing utilities, rather than an expansion of infrastructure. Due to annually decreasing enrollment at Inglewood High School, the school capacity would be able to accommodate the existing and anticipated future student enrollment, including the relocation of students from Morningside HS to Inglewood HS. The proposed modernization improvements would not increase planned student capacity, accommodate growth, or increase enrollment or staffing, but would rather provide infrastructure improvements to serve the existing student capacity of the school. As such, the Project would not contribute to a substantial increase in unplanned population growth, and no impact would occur. This issue will not be further evaluated in the EIR.

b) **No Impact.** The Project Site encompasses an existing school in a built-out, urbanized community. No housing exists on the Project Site, and therefore the Project would not displace a substantial number of existing housing units or people, necessitating the construction of replacement housing elsewhere. Therefore, impacts associated with these issues would not occur and no further analysis is required in the EIR.

XV. Public Services

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XV. PUBLIC SERVICES — Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered government 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 following public services:				
i) Fire protection?	☐	☐	☒	☐
ii) Police protection?	☐	☐	☐	☒
iii) Schools?	☐	☐	☒	☐
iv) Parks?	☐	☐	☒	☐
v) Other public facilities?	☐	☐	☐	☒

Discussion

a.i) **Less Than Significant Impact.** The Project Site is currently served by the Los Angeles County Fire Department (LACFD), which operates four fire stations in the City. The closest station to the Project Site is Station 171, located 0.3 mile north at 141 West Regent Street. Implementation of the Project would serve the existing Inglewood High School student body and would not increase the overall school capacity. After completion of the Project, students from Morningside High School would be transferred to Inglewood High School, but this transfer would not exceed the existing capacity of 1,200 students. Therefore, no additional student or staff capacity would result from implementation of the Project, as maximum capacity would remain the same. As such, the Project would not induce population growth directly or indirectly that could increase the demand for fire protection services at the Project Site. Furthermore, the Project Site is an existing school campus where fire protection services are already adequately provided. The campus would continue to provide a sprinkler system, fire extinguishers, and proper fire access, as required by existing regulations.

Operation of the Project would not adversely impact emergency access to the Project Site. Rather, the Project would improve emergency access through the fire lane improvements from West Manchester Boulevard, that would connect to through the parking lot to a driveway along West Kelso Street. As such, fire protection would not be significantly altered through implementation of the Project and impacts would be less than significant. This issue will not be further evaluated in the EIR.

a.ii) **Less than Significant Impact.** The Project Site is currently serviced by the City of Inglewood Police Department. The closest police station to the Project Site is the Inglewood Police Department, located 0.2 mile north at 1 West Manchester Bouvard. New buildings would replace the uses that are in the buildings that would be demolished and no increased staff or student

capacity would result from implementation of the Project. Although students from Morningside High School will be transferred to Inglewood High School, this would be anticipated to result in a shift in service within the City rather than an increase in service. In addition, the District currently has site safety personnel during school hours and at district events. After hours, through joint use agreements, site safety is provided and will continue to be provided under the Project. In addition, due to the temporary nature of the construction jobs that would be required for the various phases of construction, these jobs are anticipated to be filled by the local workforce. Therefore, the Project would not result in a direct or indirect increase in population that would contribute to substantial adverse physical impacts associated with police protection. As such, there would be a less than significant impact and no further analysis is required in the EIR.

a.iii) **No Impact.** The Project is the modernization of the existing Inglewood High School campus. As previously indicated, no increases in students or staff beyond the planned capacity would result from implementation of the Project. Construction workers to fill the temporary short-term construction jobs generated by the Project would be from the local labor force and the Project would not attract new workers to the region for the 24-month construction period. As such, the Project would not result in a demand for additional schools or school upgrades,. Therefore, the Project would not result in substantial adverse physical impacts associated with the need for new or physically altered school facilities. Therefore, the Project, which is the modernization of existing school facilities, would not result in the need for new or physically altered school facilities, the construction of which could cause significant environmental impacts. The Project would have no impact and this issue will not be further evaluated in the EIR.

a.iv) **Less Than Significant Impact.** As previously mentioned, the Project would not permanently alter operations at the existing school campus as operations at Inglewood High School would continue. Construction of the Project would temporarily prevent the use of the existing recreational facilities on the campus. Currently, the recreational facilities on the Inglewood High School campus are available with a facility use permit and are not relied on by the City for general park use. The Project includes the construction of several new recreational facilities such as new tennis courts, basketball courts, and a combination practice softball/football/soccer field, which would provide for new recreational opportunities for students at the Inglewood High School campus.

The Project would not directly or indirectly induce population growth requiring additional parks within the City. After completion of the Project, students from Morningside High School would be transferred to Inglewood High School, but this transfer would not exceed the existing capacity of 1,200 students. This transfer would be from one school directly to another, within the City, and would not induce population growth. Therefore, the Project would not result in substantial adverse physical impacts associated with the need for new or physically altered park facilities. Impacts would be less than significant and no further analysis is required in the EIR.

a.v) **No Impact.** As previously mentioned, no additional staff or student capacity would result from implementation of the Project, as the maximum capacity at the Project Site would remain the same. No additional public services would be required by the Project. Therefore, the Project would not result in substantial adverse physical impacts associated with the provision of new or

physically altered governmental facilities. As such, no impacts would occur and no further analysis is required in the EIR.

XVI. Recreation

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
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 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?	☐	☐	☒	☐

Discussion

a) **Less Than Significant Impact.** The existing school provides recreational facilities and there are City parks within close proximity of the Project Site. In addition to the existing recreational facilities on the Project Site itself (e.g., tennis courts, natural turf field, and basketball courts), Grevillea Art Park is located approximately 0.02 mile east of the Site. Rogers Park is located approximately 0.61 mile north of the Project Site. Ashwood Park is located approximately 0.77 mile to the east of the Site. After completion of the Project, students from Morningside High School would be transferred to Inglewood High School, but this transfer would not exceed the existing capacity of 1,200 students. Due to annually decreasing enrollment at Inglewood High School, the current classroom capacity would be able to accommodate the existing and anticipated future student enrollment from Morningside High School. The proposed modernization improvements would not provide additional student capacity or accommodate growth but would instead provide recreational facilities to serve the existing planned student capacity. As such, the Project would not increase the use of existing recreational facilities such that substantial physical deterioration of the facilities would occur or be accelerated. This issue will not be further evaluated in the EIR.

b) **Less Than Significant Impact.** The Project includes the addition of several recreational components through the campus renovation. The Project Site modernization would provide additional open space within the campus. Four student quads would be added to the campus: Central Quad, Academic Quad, Social Quad, and Athletic Quad. These quads would provide small gathering spaces for students throughout the campus.

The Project would extend the athletic field and would replace tennis courts, basketball courts, and a batting cage. Six new tennis courts would be constructed to the west of the existing Auditorium and north of the renovated surface parking lot. The new courts would have vinyl coated chain-link fencing with mesh screening, and access gates with lockable latches. The Project would include six new basketball courts to the west of the existing Gymnasium. In addition, a new batting cage would be constructed on the northwest end of the parking lot. A new combination practice softball/football/soccer field with artificial turf would be located on the central western portion of the Site. Landscaped areas would be located to the north and the south of the new field. The proposed recreational facilities would be provided within the Project Site to serve existing and future students and would be similar to existing facilities. Therefore, impacts would be less than significant and no further analysis is required in the EIR.

XVII. Transportation

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XVII. TRANSPORTATION — Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☒	☐	☐	☐
b) Would the project 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?	☐	☐	☒	☐

Discussion

a) **Potentially Significant Impact.** Construction activities would require vehicles such as haul trucks, equipment delivery trucks, and worker vehicles to travel to and from the Project's Site. Implementation of the Project would result in the modification of on-site pedestrian and vehicular circulation. Vehicular access to the Inglewood High School campus is currently provided by two driveways along West Manchester Boulevard and three driveways along West Kelso Street. The Project Site currently includes a surface parking lot, which is located along West Kelso Street in the southern portion of the campus. The Project would result in an increase in the number of total parking spaces (both accessible and non-accessible) from 93 to 158. The Project would involve changes such as a new pedestrian entrance on South Grevillea Avenue at the intersection with Nutwood Street leading into the campus. Accessible pedestrian pathways would be installed throughout the campus to provide links to the buildings and pedestrian access points from the adjacent streets. Additionally, the City of Inglewood and the District have begun preliminary discussions to provide a pedestrian bridge from the high school campus corner to Inglewood Public library over West Manchester Boulevard, which would provide the students access to the public library as a campus resource. The EIR will address consistency with existing programs, plans, ordinances, or policies addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. The impact is potentially significant and will be further analyzed in the EIR.

b) **Potentially Significant Impact.** CEQA Guidelines section 15064.3 pertains to the assessment of a project's potential transportation impacts based on the vehicle miles traveled (VMT) generated by a project (i.e., "the amount and distance of automobile travel attributable to a project," section 15064.3[a]). The Project would shift the overall design of the campus, and, although it would not increase the overall capacity of the school, students at Morningside High School would be transferred to the Project Site after the construction is complete, altering travel patterns for certain students. Therefore, impacts regarding vehicle miles traveled are considered potentially significant and will be analyzed in the EIR.

c) **Potentially Significant Impact.** The Project Site is located within a residential and commercial urban area. During construction, while construction personnel vehicle trips would be a compatible use on the local road networks, haul trucks and equipment deliveries to and from the Project Site throughout the day may increase hazards.

Operation of the Project is not expected to substantially increase hazards due to a geometric design feature of incompatible uses. The Project would result in the modification of on-site pedestrian and vehicular circulation. Therefore, these issues will be further analyzed in the EIR.

d) **Less Than Significant Impact.** Construction of the Project would occur in phases. Any construction-related traffic would be temporary and since the high school will be closed during construction, would not impact school activities. Notice to, and coordination with, emergency service providers, including the Inglewood Police Department and the Los Angeles County Fire Department (LACFD), would be ongoing regarding the construction schedule and worksite traffic control plans so as to coordinate emergency response routing and maintain emergency access.

The Project proposes the extension of a fire road in order to provide better emergency access through the Site. The Project would be required to incorporate all applicable design and safety requirements from the adopted fire codes, building codes, and nationally recognized fire and life safety standards of the LACFD. The Project would also be subject to review by the DSA, which oversees the design and construction for K-12 schools. The DSA would review project plans to ensure that plans, specifications, and construction comply with California's building codes (Title 24 of the California Code of Regulations). As such, since the Project would be subject to DSA plan review, the proposed design and internal circulation would meet all applicable regulations.

Due to campus vehicular circulation modifications being primarily related to improving emergency access, impacts related to emergency access would be less than significant and will not be further analyzed in the EIR.

XVIII. Tribal Cultural Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
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 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☒	☐	☐	☐

Discussion

a, b) **Potentially Significant Impact.** Assembly Bill (AB) 52 establishes a formal consultation process for California Native American Tribes to identify potentially significant impacts to tribal cultural resources, as defined in Public Resources Code Section 21074, as part of CEQA. As specified in Public Resources Code Section 21080.3.1 (d), within 14 days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, lead agencies must provide notice to tribes that are traditionally and culturally affiliated with the geographic area of a Project if the tribe has submitted a written request to be notified. The tribe must respond to the lead agency within 30 days of receiving the notification if it wishes to engage in consultation on the project, and the lead agency must begin the consultation process within 30 days of receiving the request for consultation.

Per AB 52 requirements, the District sent letters to the following tribes: Gabrieleno Band of Mission Indians – Kizh Nation, Gabrieleno/Tongva San Gabriel Band of Mission Indians, Gabrieleno Tongva Indians of California Tribal Council, Gabrieleno/Tongva Nation, Gabrielino-Tongva Tribe, Santa Rose Band of Cahuilla Indians, and Soboba Band of Luiseno Indians. AB 52 consultation is ongoing; therefore, impacts are considered potentially significant and will be further analyzed in the EIR.

XIX. Utilities and Service Systems

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XIX. UTILITIES AND SERVICE SYSTEMS — 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?	☐	☐	☒	☐

Discussion

a) **Less Than Significant Impact.**

Water

Water service is provided to the Project Site by the City, which is a member agency of the West Basin Municipal Water District (WBMWD) (City of Inglewood 2021). According to the City's 2020 Urban Water Management Plan, normal year water supply for 2025 will be 12,000 acre-feet per year, or approximately 11 million gallons per day mgd (City of Inglewood 2021).

The Project would result in the demolition of the majority of the buildings located on the Project Site, the modernization of some of the existing buildings, and the construction of five new buildings. Construction of the Project would require the use of water for activities such as dust suppression and the mixing of concrete; however, any water use during construction would be minimal and temporary.

Project operation would not result in an increase in capacity at the campus since the facility is currently designed to accommodate 1,200 students and the Project would result in the same capacity. Upon completion of the Project, students from Morningside High School \would be transferred to Inglewood High School, which added to the current enrollment would not exceed design capacity of the campus. The Project would not result in an overall increase in water demand since there would not be net new students but rather the combining of two school campuses. In addition, the Project would include the installation of upgraded domestic and fire

water line systems that would connect to existing mainlines. Therefore, the Project would not represent a new source of water demand within the City's service area, and sufficient water supplies would be available to serve the Project. The Project would not require the construction or expansion of water facilities, and impacts would be less than significant. This issue will not be further evaluated in the EIR.

Wastewater

The City's Public Works Department provides sewer service to the community through a collection system comprised of 145 miles of gravity sewer pipes ranging from four to 15 inches in diameter and 3,100 manholes (City of Inglewood 2025a). The majority of sewers tie directly into Los Angeles County Sanitation Districts' (LACSD) trunk sewers crossing through the city, which sends City wastewater out to the south to LACSD's Joint Water Pollution Control Plant (City of Inglewood 2025a). LACSD's A.K. Warren Water Resource Facility currently treats the wastewater generated by the Project Site and provides both primary and secondary treatment for approximately 246 million gallons per day (mgd) of wastewater (Los Angeles County Sanitation Districts 2025a). The Plant has a treatment capacity of 400 mgd, which leaves an available capacity of approximately 154 mgd (Los Angeles County Sanitation Districts 2025b).

As previously indicated, the Project is not anticipated to result in an increase in planned capacity, and the Project would not result in an overall increase in wastewater capacity demand since there would not be net new students but rather the combining of two school campuses. The potential increase in enrollment could result in an increase in wastewater consumption but would not exceed planned capacity. Students from Morningside High School would be transferred to Inglewood High School, but would not exceed existing capacity of 1,200 students and would not exceed current wastewater demand. In addition, the Project would include the installation of new sewer pipelines that would connect to existing mainlines. As such, the Project would not require the construction or expansion of wastewater facilities, and impacts would be less than significant and no further analysis is required in the EIR.

Stormwater Drainage

As previously mentioned above in Section IX, *Hydrology and Water Quality*, the Project would include the addition of drainage improvements and landscaping elements throughout the campus, which would reduce the rate of surface stormwater runoff. Surface runoff within the Project Site would be conveyed to and serviced by the proposed catch basins and existing storm drain system and would not require the construction or expansion of stormwater drainage facilities. As a result, impacts on the construction or expansion of stormwater drainage facilities would be less than significant. This issue will not be further evaluated in the EIR.

Electric Power and Natural Gas

The Project Site is located in a developed and urbanized area in the City that is served by existing electrical power and natural gas services. Electricity would be provided by SCE, which currently obtains 33 percent of its energy from renewable resources.[2] In addition, natural gas would be supplied by SoCalGas. As part of the Project, the proposed buildings developed on the Project

[2] Southern California Edison, 2022 Power Content Label, July 2022.

Site would incorporate energy efficient features and design elements aimed at reducing energy consumption. Some of the Project's "green building measures" as part of its design to reduce Project-related criteria pollutant emissions would include electric vehicle parking spaces, irrigation improvements, installation of a solar photovoltaic power systems, and compliance with all 2022 CALGREEN Title 24 CCR for equipment and systems efficiency. As discussed above in Response VI.a, SCE and SoCalGas both would have sufficient capacity to serve the Project's operational electricity and natural gas demand. Existing off-site electricity and natural gas infrastructure would not have to be expanded and new infrastructure would not be required to provide electrical or natural gas service to the Project during construction or operation of the Project. This issue will not be further evaluated in the EIR.

With regard to existing electrical distribution lines, the Project would be required to coordinate electrical infrastructure removals or relocations with SCE and comply with site-specific requirements set forth by SCE, which would ensure that service disruptions and potential impacts associated with grading, construction, and development within SCE easements would be minimized.

Project construction would involve installation of new natural gas connections to serve the Project Site. Since the Project Site is located in an area already served by existing natural gas infrastructure, it is anticipated that extensive off-site infrastructure improvements would not be needed to serve the Project Site. Construction impacts associated with the installation of natural gas connections are expected to be limited to shallow grading/trenching activities in order to place the lines below surface. In addition, prior to ground disturbance, project contractors would be required to notify and coordinate with SoCalGas to identify the locations and depth of all existing gas lines and avoid disruption of gas service to other properties.

Therefore, based on the above, the Project would not require or result in the relocation or construction of new or expanded electric power or natural gas facilities, the construction or relocation of which could cause significant environmental effects. Impacts would be less than significant and no further analysis is required in the EIR.

Telecommunications

The Project Site is located in a developed and urbanized area in the City that is served by existing telecommunication services. The Project would require installation of fiber optic lines, telecommunications lines, intrusion alarms, public announcement systems, fire alarms, stub conduit boxes, mounted box conduits, underground conduits and pole mounted conduits to serve the schools uses proposed on the Project Site. Construction impacts associated with the installation of new telecommunication infrastructure would primarily involve trenching in order to place the lines below ground surface. When considering impacts resulting from the installation of any required telecommunications infrastructure, all impacts are of a relatively short duration and would cease to occur when installation is complete. Installation of new telecommunications infrastructure would be limited to on-site telecommunications distribution and minor off-site work associated with connections to the public system. As telecommunication providers already deliver their services to a large number of homes in in the vicinity of the Project Site, it is anticipated that existing telecommunications facilities would be sufficient to support the Project's

needs for telecommunication services. As such, no upgrades to off-site telecommunications facilities are anticipated. Therefore, the Project would not require or result in the relocation or construction of new or expanded telecommunication facilities, the construction or relocation of which could cause significant environmental effects. Impacts would be less than significant and no further analysis is required in the EIR.

b) **Less Than Significant Impact.** As previously mentioned, after implementation of the Project, overall student capacity would remain the same. Inglewood High School has a current enrollment of 784 students and a capacity of 1,200 students. After implementation of the Project, students from Morningside High School would be transferred to Inglewood High School. Therefore, demand for water would not be significantly greater than what currently exists since there would not be net new students but rather the combining of two school campuses. As such, sufficient water supplies are available to serve the Project and impacts on water supplies would be less than significant. This issue will not be further evaluated in the EIR.

c) **Less Than Significant Impact.** Wastewater generated within the City is conveyed to the A.K. Warren Water Resource Facility, formerly known as the Joint Water Pollution Control Plant, via Sanitation Districts of Los Angeles County (LACSD) interceptor sewers. The Warren Facility currently provides primary and secondary treatment for a design capacity of 400 million gallons of wastewater per day, and serves over 4.8 million residents, businesses and industries (Los Angeles County Sanitation Districts 2025a). Improvements within the Project Site would not increase the capacity of staff or students at the school from that for which the existing facility is designed. The Project would not result in an overall increase in wastewater capacity demand since there would not be net new students but rather the combining of two school campuses Therefore, the Project would not generate greater demand for wastewater treatment compared to existing conditions. As such, LACSD would have adequate capacity to meet the Project's wastewater demand and impacts on wastewater service would be less than significant and no further analysis is required in the EIR.

d) **Less Than Significant Impact.** The waste generated during construction of the Project would mainly consist of general construction debris, including from demolition of the existing paving, buildings, and field uses, and worker personal waste. The construction contractor would be required to dispose of solid waste in accordance with local solid waste disposal requirements. The City of Inglewood is served by Consolidated Disposal Services (CDS), a subsidiary of Republic Services, Inc., which provides waste and recycling collection services for residential and commercial uses (City of Inglewood 2025b). Solid waste is taken to the CDS American Waste Transfer Station in Gardena, California where it is sorted. Solid waste is then transferred to a CDS-owned facility, the Sunshine Canyon Landfill in Sylmar, California. Construction solid waste would be taken to the Sunshine Canyon Landfill, approximately 26 miles north of the Project Site. The Sunshine Canyon Landfill has a permitted throughput of 12,100 tons per day and has a remaining capacity of 66,200,000 cubic yards (California Department of Resources Recycling and Recovery 2025). The Project would result in 16,757 cy of demolition debris, resulting from demolition of buildings, batting cage and tennis court, basketball court, parking lots, and concrete walkways. The landfill's cease operation date is anticipated to be in October

2037. Therefore, the landfill would have sufficient capacity to accommodate the Project's construction disposal needs.

The remaining disposal capacity for the County's Class III landfills is estimated at approximately 163.39 million tons as of December 31, 2018, the most recent data available.[3] In addition to in-County landfills, out-of-County disposal facilities may also be available to the City. Aggressive waste reduction and diversion programs on a Countywide level have helped reduce disposal levels at the County's landfills, and based on the Los Angeles County Integrated Waste Management Plan (ColWMP), the County anticipates that future Class III disposal needs can be adequately met through 2033 through a combination of landfill expansion, waste diversion at the source, out-of-County landfills, and other practices. It should also be noted that with annual reviews of demand and capacity in each subsequent Annual Report, the 15-year planning horizon provides sufficient lead time for the County to address any future shortfalls in landfill capacity.

Project operation would not result in an increase in capacity at the campus since the facility is currently designed to accommodate 1,200 students and the Project would result in the same capacity. Upon completion of the Project students from Morningside High School would be transferred to Inglewood High School, which added to the current enrollment, would not exceed the existing and design capacity of the campus. The Project would not result in an overall increase in solid waste production since there would not be net new students but rather the combining of two school campuses. Based on solid waste generation factors from the California Department of Resources and Recycling and Recovery (CalRecycle), the Project could generate approximately 600 lbs/day (1,200 students * 0.5 lbs/student/day available.[4]) of solid waste. As noted above, this would be similar to existing conditions due to the combining of students from the two campuses. The annual amount of solid waste generated by the Project would represent a minor percentage of the estimated 167.60 million tons of remaining disposal capacity for the County's Class III landfills. As such, the solid waste generated by the Project could be accommodated by the County's available regional landfills. Therefore, there would not be a net increase in waste production and would not affect the overall flow of the landfill.

After completion of construction, solid waste generation would not be significantly greater than what currently exists within the District. The Project Site would continue to be served by Sunshine Canyon Landfill with sufficient permitted capacity to accommodate the school's solid waste disposal needs. As a result, impacts would be less than significant and no further analysis is required in the EIR.

e) **Less Than Significant Impact.** Project would result in the demolition of the majority of the buildings located on the Project Site, the modernization of some of the existing buildings, and the construction of five new buildings. During construction, non-recyclable solid waste would be taken to Sunshine Canyon Landfill. As discussed in section XIX.d, the Project would be served by Sunshine Canyon Landfill, which is capable of accommodating the school's solid waste. The Project could generate approximately 600 lbs/day (1,200 students * 0.5 lbs/student/day available.[3]) of solid waste. The annual amount of solid waste generated by the Project would

[3] County of Los Angeles, CoIWMP 2022 Annual Report, page 63.

[4] Based on CalRecycle Educational Facilities Generation Rates of 0.5 lb/student/day.

represent a minor amount of the estimated 167.60 million tons of remaining disposal capacity for the County's Class III landfills. During operation, the Project would continue to generate municipal solid waste that would be accepted by waste haulers and landfill operators and demand for solid waste would not be significantly greater than what currently exists due to the combining of students from the two campuses. Inglewood High School would continue to comply with federal, State, and local regulations related to solid waste The District and its construction contractor would comply with all applicable laws and regulations and make every effort to reuse and/or recycle the construction debris that would otherwise be taken to a landfill. CALGreen Section 5.408, Construction Waste Reduction, Disposal and Recycling, requires that at least 65 percent of the nonhazardous construction and demolition waste from nonresidential construction operations be recycled and/or salvaged for reuse. The Project would comply with all applicable federal, state, and local statutes and regulations related to solid waste disposal. Therefore, impacts would be less than significant and this topic will not be further analyzed in the EIR.

XX. Wildfire

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XX. WILDFIRE — If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, 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?	☐	☐	☒	☐

Discussion

a) **Less Than Significant Impact**. The Project Site is within a developed urbanized area and is not located within a wildland fire hazard area. According to the California Fire Very High Fire Hazard Safety Zone (CAL FIRE VHFHSZ) Local Responsibility Area Map, the Project Site is not located within a fire hazard severity zone (CAL FIRE 2024). Although access to the Project Site would be temporarily altered during construction of the Project, any such delays associated with construction work along the adjacent roadways would be infrequent and brief (drivers are required to pull over to allow an emergency vehicle on-call to pass). Contract specifications for the Project would ensure that emergency vehicle access on area roadways would be maintained at all times. In addition, according to the Los Angeles County Planning Department, the Project Site is not located on a designated Disaster Route for the City of Inglewood. Therefore, temporary construction activities would not impair or impede an emergency response or evacuation plan.

After construction of the Project, emergency access would improve from existing conditions with the proposed fire lane improvements. Current access to the Project Site for emergency vehicles is provided by two driveways along West Manchester Boulevard and three driveways along West Kelso Street. Internal vehicular circulation would be limited to emergency vehicles and would be provided via an extension of the existing fire lane, which would continue to be accessed from West Manchester Boulevard. The fire lane would go through the center of campus, and would continue through the parking lot to a driveway along West Kelso Street. The proposed fire lane improvements would comply with LACFD requirements, and LACFD will review to ensure compliance. As a result, the Project would not result in the impairment of an adopted emergency response plan or emergency evacuation plan to less than significant levels. This issue will not be further evaluated in the EIR.

b) **Less Than Significant Impact**. As detailed above in threshold XX(a), the Project Site is within a developed urbanized area and is not identified as a wildland fire hazard area.

The Project Site is essentially flat with a grade difference of about 6 feet from the northeast corner of the property to the southwest corner (GWV 2024). While construction would include materials that are considered flammable, such as fuels and household cleaners, the handling and storage of such materials would be conducted in accordance with applicable regulations. In addition, the Project would be designed and constructed in accordance with the California Fire Code and would be reviewed for compliance with the applicable codes and regulations by the DSA. Grading and excavation for the proposed buildings and recreational component footings would also reduce the slope of the Project Site. After completion of construction, the operational activities within the Project Site would not change from the existing uses of a high school. The Project would occur on a relatively flat and existing developed school site, and would not exacerbate wildfire risks, and would not expose people to pollutant concentrations for a wildfire or the spread of a wildfire. Therefore, impacts would be less than significant and no further analysis is required in the EIR.

c) **Less Than Significant Impact**. Although the Project would install new sewer pipelines, new domestic and fire water line systems, these would connect to existing mainlines. The Project would utilize existing infrastructure, including roads, water sources, and power lines surrounding the Project Site. Infrastructure is already established in the vicinity of the Project Site and additional infrastructure would not be required to support Project. Therefore, the Project would not exacerbate fire risk at the Project Site through the development of infrastructure. Thus, impacts would be less than significant and no further analysis is required in the EIR.

d) **Less Than Significant Impact**. The Project Site generally slopes towards the southwest direction from elevations of 113 ft to 119 ft. As described in Section VII (*Geology and Soils*) above, the Project Site is not considered a hillside area, is not subject to landslides, and has a relatively flat topography. All improvements that would occur within the Project Site would be subject to all requirements of the California Building Code and the California Fire Code which would reduce the extent that the Project would increase fire risk. Furthermore, the Project Site is not located within a flood hazard zone and construction of the Project would not result in significant impacts on the existing drainage pattern due to implementation of BMPs that would minimize flooding and runoff. As part of the Project, drainage patterns would be improved and designed with positive drainage away from foundations. Therefore, the Project would not expose people or structures to significant risk including downstream flooding or landslides as a result of runoff, post-fire slope stability, or drainage changes, and impacts would be less than significant. This issue will not be further evaluated in the EIR.

XXI. Mandatory Findings of Significance

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
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?	☒	☐	☐	☐

Discussion

a) **Potentially Significant Impact.** As discussed in Section IV, the Project Site is currently developed and located in an urban residential setting. No riparian habitat or other natural habitat as designated by the CDFW and USFWS are present. The potential for the presence of special status species to occur at the site is limited as vegetation and animal species supported in the limited ornamental landscaping include those that are commonly found in urban environments. The Project has the potential to directly or indirectly impact nesting birds if construction activities occur during the nesting season (generally January 15 through September 15); however, compliance with the requirements of the MBTA would ensure that the Project activities would not result in potential significant impacts on nesting birds. This topic will not be further analyzed in the EIR.

As stated in Section V, the Project would include the demolition of buildings and other ground disturbing activities within the campus during construction, which have the potential to disturb historic and archaeological resources. This topic will be further analyzed in the EIR to evaluate potential impacts and formulate any appropriate avoidance or mitigation measures, if applicable.

As stated in Section VII, Geologic mapping indicates that the surface of the Project Site is entirely underlain by middle to late-Pleistocene age alluvium (Qoa), which has a high potential for paleontological resources. Therefore, the potential exists for unanticipated discovery of paleontological resources during ground-disturbing activities, which may result in damage or destroy paleontological resources that may be present below the ground surface. As impacts may be potentially significant, this issue will be further evaluated in the EIR.

b) **Potentially Significant Impact.** A cumulative impact could occur if the Project would result in an incrementally considerable contribution to a significant cumulative impact in consideration of pas, present, and reasonably foreseeable future projects for each resource areas. Potentially significant impacts are identified in this Initial Study related to air quality, cultural resources, noise, transportation, and tribal cultural resources. Cumulative impacts to the resources for which potentially significant impacts are identified in this Initial Study will be addressed in the EIR. Mitigation measures will be recommended as needed.

c) **Potentially Significant Impact.** Construction and operation of the Project could create direct and indirect adverse effects on the public and/or the environment. The Project has the potential to impact human beings through impacts related to air quality, cultural resources, noise, and transportation. The significance of these potential impacts will be analyzed in the EIR, and applicable mitigation measures will be identified.

XXII. References

Project Description

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Appendix A-1

Geotechnical Investigation Report

GEOLABS-WESTLAKE VILLAGE
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Geotechnical Investigation Report For
Proposed Campus Modernization, Inglewood High School
APNs 4020-017-900, 4020-016-900,4020-025-900 & 4020-026-090

231 South Grevillea Avenue

County of Los Angeles, City of Inglewood, California

August 5, 2024

W.O. 9711.002

Revised September 25, 2024

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August 5, 2024
W.O. 9711.002
Revised September 25, 2024

Inglewood Unified School District
401 South Inglewood Avenue
Inglewood, California 91103

SUBJECT: Geotechnical Investigation Report, Campus Modernization,
Inglewood High School,
APNs 4020-017-900, 4020-016-900, 4020-025-900 & 4020-026-090,
231 South Grevillea Avenue,
City of Inglewood, California.

INTRODUCTION

This report presents the results of our geotechnical investigation performed at Inglewood High School located at 231 South Grevillea Avenue in the city of Inglewood to address the modernization of portions of the school campus. It is proposed to remove and replace the administrative building and several classrooms on the campus, as well as reconfigure outside recreation areas. *This revised report provides the results of additional stormwater mitigation infiltration testing and updated geotechnical design criteria after discussions with the project civil and structural engineering consultants. Changes and or additions made to this report after its initial August 5, 2024, date have been italicized.*

The scope of work for this project included (1) review of previous work which was judged both pertinent to our purpose and readily available to our office; (2) a field investigation comprised of four Cone Penetrometer Tests (CPTs) across the site and logging and sampling of *nine* exploratory borings excavated with a truck-mounted, hollow-stem auger drill rig; (3) laboratory testing of selected retrieved samples; (4) infiltration testing of *five* of the borings; (5) geotechnical analysis of the assembled data; and (6) preparation of this report.

Field data and the approximate locations of the CPT soundings, borings and trenches excavated on the site by Geolabs–Westlake Village (GWV) and others are shown on the enclosed Geologic Map, Plate 2. Descriptions of the materials encountered in the exploratory excavations by GWV, and others are provided on the enclosed boring logs in Appendix A and fault trench logs in Appendix B. Our findings are presented in the following sections, followed by a discussion of these findings and geotechnical design

criteria.

This report is intended for submittal to the appropriate governmental authorities that control the issuance of necessary permits and provides our findings of the geotechnical investigation and appropriate design criteria for use by the project design team.

The northeast portion of the campus lies within an earthquake fault hazard zone. Details of the investigation of fault hazards at the site are addressed in the referenced report by GWV (2024). No evidence of faulting was found.

OBJECTIVE

The primary objective of this investigation was to evaluate the subsurface conditions of earth materials beneath portions of the subject site and provide appropriate design criteria for site preparation, grading, and foundations associated with the proposed campus modernization. This report also provides the results of infiltration testing of the on-site soils for stormwater infiltration.

LOCATION

The Inglewood High School campus is located at the southwest corner of West Manchester Boulevard and South Grevillea Avenue in the city of Inglewood, California (Lat: 33.961°; Long: -118.356°, see Plate 1). The site is bounded by West Manchester Boulevard to the north, South Grevillea Avenue to the east, West Kelso Street to the south, and developed residential properties to the west. Access onto the site is gained from the streets along the north, south, and east sides, with access onto the campus proper being through secured gates on all sides.

SCOPE

The scope of our investigation involved the completion of the following:

1. Review of available general geologic data. A complete list of reviewed documents is provided on Plates R1 through R5.

2. Review of a geotechnical engineering report previously prepared for the subject site by Geotechnologies, Inc. in 2001. The document reviewed is listed on Plate R3.

3. Review of a geologic/fault investigation report previously prepared for the subject site by Smith-Emery GeoServices in 2001. The document reviewed is listed on Plate R3.

4. Review of the following aerial photographs:

    a. Fairchild Aerial Surveys, June 18, 1934, Flight C-3060, Frame 115.

    b. Fairchild Aerial Surveys, August 30, 1941, Flight C-7347, Frame 2.

    c. Fairchild Aerial Surveys, July 1, 1956, Flight C-22555, Frames 19 - 24.

5. Excavation and detailed geologic logging of *nine (9)* hollow-stem auger borings.

6. Performing four (4) Cone Penetrometer Test (CPT) soundings.

7. Performing *five (5)* infiltration tests for on-site stormwater runoff infiltration.

8. Laboratory testing of recovered earth materials.

9. Engineering analysis.

10. Preparation of a Site Location Map, a site-specific Geologic Map, and a Regional Geologic Map.

11. Presentation of our procedures, findings, and geotechnical design criteria.

PROPOSED DEVELOPMENT

The findings contained in this report are based on site development plans provided by the project architects, Practice. It is proposed to modernize portions of the Inglewood High School campus by removing several classroom and administrative buildings, primarily in the eastern one-third of the site and constructing four (4) new classroom complexes and administrative buildings in their place. We understand the buildings will be a combination of one and two stories, with no subterranean levels. We have delineated the proposed building footprints on Plate 2. We also understand that portions of the existing outside recreation areas are to be modernized with new sports courts. At the time of this writing, maximum column loads are anticipated to be on the order of 300 kips dead load and 150 kips live load, with typical values on the order of 225 kips dead load and 125 kips live load. Exterior wall loads of up to 1000 plf dead load with no live load are anticipated. Grading is proposed beneath the proposed buildings in order to fill in the basement area beneath the existing administration building located in the northeast corner of the site and to provide a uniform bearing material consisting of certified compacted fill beneath all new foundations. Removal depths on the order of 9 feet below existing grade are anticipated beneath the proposed buildings. Foundations for the proposed buildings are anticipated to consist of conventional shallow isolated and spread footings, bearing in newly placed engineered compacted fill.

It is proposed to infiltrate stormwater runoff into the on-site soils using dry wells. The results of deep and shallow infiltration testing performed as part of this investigation are provided herein and may be utilized by the project consultants to design the infiltration systems. Details on the infiltration testing performed are provided in the following sections of this report.

SITE CONDITIONS

The subject property is essentially level, with overall site relief from east to west being on the

order of 5 to 6 feet. The site is developed with the Inglewood High School campus and is comprised of several one- and two-story classrooms, administrative, and accessory buildings, quad areas, sports courts, and grass fields. Portable classroom buildings are also present. The properties to the west of the campus are developed with single-family residences and apartment buildings.

Drainage of the site is partially by percolation through on-site soils and by sheet flow directed toward the west - southwest.

SITE HISTORY

Inglewood High School opened its doors in 1905. The original campus was bounded by S. Grevillea Avenue to the east, W. Manchester Boulevard to the north, S. Fir Avenue to the west, and W. Olive Street to the south. Based on research of aerial photos, the campus expanded in the late 1940's to mid-1950's. Between 1940 and 1947 portions of S. Fir Avenue and W. Olive Street were removed along with residential properties to expand the campus southward to W. Kelso Street and westward to its current boundary. From the aerial photos it appears all buildings from pre-World War II have been replaced over the years with the exception of the administration building in the northeast corner of the campus.

PREVIOUS STUDIES

It is apparent that modernization of the campus, similar to what is currently proposed, was pursued in 2001, at which time a geotechnical engineering investigation for the construction of several new buildings and the renovation of several more was performed (Geotechnologies, 2001). As part of that investigation, 34 exploratory borings 20 to 60 feet in depth were excavated using both truck-mounted drilling equipment and hand labor. The locations of those borings are shown on the enclosed Geologic Map (Plate 2) and copies of their logs are provided in Appendix A. Samples were collected and selected laboratory tests were performed, and the laboratory test results are provided in Appendix B. At essentially the same time, Smith-Emery GeoServices was retained to perform a geologic investigation/fault study for the proposed buildings located with the state-defined Alquist-Priolo Earthquake Fault Zone that encompasses the northeast corner of the school campus (see Plate 5). Smith-Emery excavated and geologically logged five (5) fault trenches to a maximum local depth of about 12 feet, although most of the trenches were 5 to 7 feet in depth. The locations of their trenches have been included on the enclosed Geologic Map, Plate 2, and their trench logs are provided in Appendix B. They generated the referenced report dated October 26, 2001, which summarized that no evidence of faulting was observed within their trenches. They did note, however, that due to the presence of buried old foundations, pipes, and an abandoned sewage disposal system consisting of a septic tank and three seepage pits located between the northernmost building and Manchester Boulevard, there were gaps in their trench data. Each of the

Smith-Emery trenches were backfilled with the native soils and compacted to at least 90 percent relative compaction, which is documented in a compaction report provided in their referenced report. It appears the modernization project was put on hold sometime after the Smith-Emery and Geotechnologies reports were completed, as the Smith-Emery report was not reviewed by the California Geological Survey (CGS) until early 2023. In the referenced CGS review letter dated January 13, 2023, CGS notes the presence of the gaps within the trench data and suggested that additional trenching be performed to ensure complete coverage beneath the proposed buildings within the AP Zone. In mid-2023, GWV was retained to perform the additional fault trenching necessary to fill in the gaps in the Smith-Emery data, and to perform additional trenching within Grevillea Avenue. Therefore, between September 22 and October 10, 2023, this firm excavated and geologically logged seven (7) fault trenches on the subject site and within Grevillea Avenue. The locations of the trenches are shown on Plate 2, and the logs of the trenches are included in Appendix B. Based on our observations of the earth materials exposed in the additional trenches, coupled with the findings reported by Smith-Emery, we concluded that there are no active faults beneath, or within 50 feet of, the proposed building locations. Our fault investigation report is dated May 1, 2024, and is referenced on Plate R3.

FIELD INVESTIGATION

As part of this geotechnical investigation, in June 2024, this firm geologically logged and sampled eight (8) 8-inch-diameter hollow-stem auger borings excavated under subcontract on the subject site. The borings ranged from 5 to 50 feet in depth. Six of these hollow-stem auger borings were utilized for on-site infiltration testing, as discussed below. In addition to the hollow-stem auger borings, four (4) CPT soundings were performed under subcontract to depths ranging from 50 feet to a maximum depth of 97.25 feet. The locations of the borings and CPT soundings are shown on Plate 2 herein and the logs are provided in Appendix A. Samples taken with the hollow-stem auger drill rig were driven with a 140 lb. automatic safety hammer lifted 30 inches. The estimated efficiency of the auto-hammer is approximately 84 percent. The samplers utilized consisted of both a lined California Modified split spoon sampler (2.375-inch id.) and a Standard Penetration Test (SPT) sampler.

At the request of the project design team, in September 2024, an additional 8-inch-diameter boring (PT-7) was drilled to a depth of 31 feet using a truck-mounted hollow-stem auger in the southwest corner of the high school campus. The boring was geologically logged and sampled, and infiltration testing was performed to determine the feasibility of an additional dry well in this location. The location of the boring is shown on the updated Geologic Map (Plate 2), and the log of the boring is provided in Appendix A. The results of the infiltration testing are discussed in the following section of this report.

Both disturbed (bulk) and relatively undisturbed samples were obtained from each boring. These samples were secured and transported to our laboratory for testing. The results of the laboratory testing are discussed in the following sections of this report and provided in Appendix D.

The locations of previous borings excavated on the site by Geotechnologies in 2001 and the fault trenches excavated by Smith-Emery in 2001 are also shown on Plate 2. The logs of their borings and fault trenches are provided in Appendices A and B, respectively.

STORMWATER INFILTRATION TESTING

Seven 8-inch-diameter borings were drilled on the subject site for the purpose of performing infiltration tests for possible stormwater infiltration. *Four* of the borings, PT-1, PT-2, PT-3 and *PT-7*, were drilled in potential dry well locations as determined by the project civil engineers and were drilled to depths of 25 *to 30* feet (plus 1 additional foot for sealing the bottom of the infiltration zone). The remaining three borings PT-4, PT-5 and PT-6 were drilled to depths of 5 feet (plus 1 additional foot for sealing the bottom of the infiltration zone) in potential shallow bioretention basin locations. The tested infiltration zones within the borings were all located in native Lakewood Formation marine deposits.

Infiltration tests were performed in accordance with the County of Los Angeles Administrative Manual GS200.1. Due to concerns regarding the potential for caving within large diameter borings drilled in the Lakewood Formation, the infiltration testing was performed in accordance with the Small Diameter Boring Infiltration Test procedure outlined in GS200.1.

Deep Dry Well Construction & Abandonment

Borings PT-1, PT-2 and PT-3 were drilled to depths of 26 feet to allow for a 1-foot bentonite plug below the infiltration zone, which was between 10 and 25 feet below the ground surface. Boring PT-7 was drilled to a depth of 31 feet to allow for a 1-foot bentonite plug below the infiltration zone, which was between 10 and 30 feet below the ground surface. After placement of the impervious plug, a 2-inch-diameter slotted PVC pipe was inserted within the infiltration zone in each boring. Solid PVC pipe was used for the remaining upper 10 feet. The annulus between the slotted pipe and the boring sides was then backfilled with #3 coarse sand to at least 12 inches above the slotted zone. The remaining annulus was backfilled with spoils from the borings. At the conclusion of testing, the pipes were left in the borings and the upper 4 inches capped with either asphalt cold patch or dirt, depending on the boring's location.

Shallow Well Construction & Abandonment

The three shallow borings intended for determining the feasibility of using bioretention basins were drilled to depths of 6 feet to allow for a 1-foot bentonite plug below the infiltration zone, which was between 4 and 5 feet below the ground surface. After placement of the impervious plug, a 2-inch-

diameter slotted PVC pipe was inserted within the infiltration zone of each boring. Solid PVC pipe was used for the remaining upper 4 feet. The annulus between the slotted pipe and the boring sides was then backfilled with #3 coarse sand to at least 12 inches above the slotted zone. The remaining annulus was backfilled with spoils from the borings. At the conclusion of testing, the pipes were removed and the borings backfilled to the ground surface with the boring spoils.

Pre-Soak Procedure for Shallow Infiltration Wells

After the construction of the three shallow infiltration wells, and approximately 14 hours before the infiltration tests were to be performed the following day, clear water from the school's on-site municipal water system delivered to each boring location using a garden hose equipped with a digital flow meter was used to pre-soak each of the three borings. The following morning, the pre-soak water remained in borings PT-4 and PT-6 with very little drop, and it was determined that those locations were not feasible for infiltration testing or shallow bioretention basins. The pre-soak water in boring PT-5 had infiltrated overnight, and additional pre-soak water was added to approximately 12 inches above the infiltration zone 1 hour before the infiltration test was started.

Pre-Soak Procedure for Deep Dry Wells

After the construction of the PT-1, PT-2 and PT-3 deep dry wells, and approximately 14 to 18 hours before the infiltration tests were to be performed, clear water from the school's municipal water system delivered to each boring using a garden hose equipped with a digital flow meter was used to pre-soak each boring. The following morning, the pre-soak water from borings PT-1 and PT-3 had infiltrated, but 10 inches of water remained in PT-2. Additional pre-soak water was added to each boring 1 hour before the infiltration test was to be begin. At the start of the pre-soak period, the water levels in PT-1 and PT-3 were established at a depth of 10 feet below ground surface, then allowed to drain for 1 hour prior to testing. In PT-2, the highest the pre-soak water level would reach after adding 375 gallons was about 14 feet. The water was then allowed to drain for 1 hour prior to starting the infiltration test.

Immediately after the construction of the PT-7 deep dry well, clear water from the school's municipal water system delivered to the boring using a garden hose equipped with a digital flow meter was used to pre-soak the boring for approximately 1.5 hours. After the addition of 68 gallons of pre-soak water during the 1.5 hours, the water level remained at 16.85' below the ground surface.

Infiltration Test Procedure

It was determined that constant head tests were appropriate for each of the *five* borings tested. Water was added to each of the *five* borings using a garden house equipped with a digital flow meter. The water depth was maintained at about 10 feet below the ground surface in PT-1, PT-2 *and PT-7* for the

duration of the test. In PT-2, the water depth was maintained at about 14 feet. The flow rate was managed throughout the testing process using the adjustable flow meter to maintain the constant head, and the gallons used during the duration of the tests were recorded at regular intervals. The recording interval for PT-1 and PT-2 was 20 minutes, while the recording interval for PT-3, PT-5, *and PT-7* was 30 minutes. The water level was maintained for at least 3 hours and until a stabilized flow rate was achieved, which was defined as when the highest and lowest readings were within 10 percent of each other for three consecutive intervals. In the case of all five borings, the flow rate stabilized before the 3-hour minimum test time was up, but the test was continued for the required 3 hours per GS200.1 guidelines. The results of the infiltration testing for each boring are included as *Plates C.1 through C.5* in Appendix C.

Data Analysis

Data analysis was performed in accordance with GS200.1. A plot of cumulative volume in gallons versus time in minutes was created for each test (see Plate G-1 in Appendix C). Per GS200.1, the raw measured infiltration rate for each test was reduced to determine design values that are estimated to represent long-term performance of the proposed dry well systems:

$$Design\ Infiltration\ Rate = \frac{Measured\ Infiltration\ Rate}{RF_t \times RF_v \times RF_s}$$

RF_t = reduction factor due to test method

RF_v = reduction factor due to site variability, etc.

RF_s = reduction factor due to siltation, plugging, and maintenance

The test method (Small Diameter Boring method) is assigned a reduction factor of 1 (RF_t = 1). A High Flow-rate reduction factor (RF_t) of 3 was assigned to all five wells. The earth materials exposed in the tested zones of the wells were fairly uniform, and the test wells were located near the proposed dry well systems and the bioretention basin location, so a factor of 1 was selected for site variability (RF_v = 1). Therefore, the measured infiltration rate for each well was reduced by a total factor of 5 to produce the long-term design infiltration rate. The project BMP designers should assign the appropriate Long-term siltation, plugging, and maintenance reduction factor based on the chosen infiltration BMPs.

Infiltration Test Results and Discussion

Testing was performed on June 10 and 11, 2024 *and September 12, 2024*. Detailed logs of the earth materials encountered in the test borings are provided on Plate PT-1 through *PT-7* in Appendix A, while the infiltration tests data and results are provided on *Plates C.1 through C.5* in Appendix C. The raw measured infiltration rates for each of the *five* borings *tested* are provided on those plates, along with the

reduced infiltration rates for use in designing the proposed BMPs. *The graphs showing infiltration rate versus time and water volume added versus time for each tested boring are provided on Plates C.6 through C.10 in Appendix C.*

Results of Shallow Infiltration Testing

Based on our observations of the pre-soak characteristics in PT-4 and PT-6, coupled with the low infiltration rate measured in PT-5, we do not consider the use of shallow bioretention basins which rely on infiltration into the underlying soils a feasible BMP option. This information has been provided to the project BMP designers, and we understand they are considering using above or below ground bioinfiltration planters that do not rely on subsurface infiltration.

Results of Deep Dry Well Infiltration Testing

Infiltration testing for the proposed dry wells indicates that the two proposed dry well locations located on the western portion of the campus, PT-1 and PT-2, have reduced infiltration rates greater than the minimum required 0.3 inches/hour per GS200.1, and these locations are considered suitable for on-site stormwater infiltration. PT-3 *and PT-7, however, have reduced infiltration rates* below the minimum required 0.3 inches/hour, and *these locations are* not considered suitable for deep dry well infiltration. The proposed infiltration BMP to be utilized for the two suitable dry well locations PT-1 and PT-2 should be designed to infiltrate in the subsurface at depths between 10 and 25 feet below the ground surface. For the design of the proposed dry well systems, the lowest reduced Infiltration Rate of 2.7 inches/hour obtained for PT-1 divided by the appropriate Long-term siltation, plugging, and maintenance reduction factor as determined by the project BMP designers should be used for both dry well locations. Based on our review of the substantial amount of subsurface geotechnical data available within a radius of about 150 feet of both PT-1 and PT-2, notably the borings excavated by Geotechnologies in 2001, it is apparent the Lakewood Formation deposits are similar in composition to what was encountered in those borings, and similar infiltration rates would be expected. We consider the lowest adjusted Infiltration Rate of 2.7 inches/hour applicable to a 50-foot radius around both PT-1 and PT-2 at the tested depth of 10 to 25 feet below the ground surface.

GEOLOGIC SETTING AND FAULTING

The site is mantled with minor amounts of undocumented artificial (af) fill having a typical thickness of less than 3 feet which overly native upper-Pleistocene-age marine sedimentary deposits herein referred to as the Lakewood Formation (Qlw). Based on previous fault trenching in 2001 and our recent supplemental fault trenching, no active faults are beneath the subject property. The reader is

directed to our referenced Fault Investigation Report dated May 1, 2024, for detailed descriptions of the on-site and regional geologic setting and a formal discussion on the regional faulting.

EARTH MATERIALS

Exploratory excavations on the subject site indicate the project area is underlain by minor amounts of artificial fill and native Lakewood Formation marine sediments. Brief summaries of the material descriptions are provided below, with detailed descriptions provided on the boring and trench logs included in Appendix A and B.

ARTIFICIAL FILL (AF)

The subject property is mantled locally with a layer of man-made undocumented artificial fill (labeled "af" on Plate 2) associated with minor past grading performed at the site and in the installation of utility lines and the abandoned septic system. Where observed in our excavations, the maximum thickness of the fill was about 3 feet. Smith-Emery reported similar fill depths, except in areas where man-made subsurface structures were encountered, notably on the north side of the campus where the septic system is located. In this area, a maximum localized fill depth of about 8 feet was reported. The on-site fault trenches excavated and logged by this firm were backfilled with the excavated native soils. Despite using a sheepsfoot wheel roller to aid in backfill compaction, due to a high moisture content, the compaction was minimal and is below the minimum standard of 90 percent relative compaction. All existing artificial fill beneath the proposed building footprints and hardscape, and all exploratory trench backfill, should be removed and properly recompacted during site development.

LAKEWOOD FORMATION (QLW)

The artificial fill is underlain by moderately dense to locally very dense native sediments assigned to the late Pleistocene Lakewood Formation (Qlw). On the referenced Regional Geologic Map (Dibblee, 2007 – Plate 4), this deposit is referred to as late Pleistocene "Older Alluvium." The Lakewood Formation encountered on site is comprised of interlayered clays, silts, and silty sands to gravelly sands. The upper 3 to 4 feet is mottled brown to very dark brown and is very fine to fine grained. The upper 6 inches is locally organic rich in areas overlain by lawns and planters. Below 4 feet, the color gradually lightens to light to dark yellowish brown with gray brown mottling to light yellow browns. Manganese and iron oxide staining is locally common below a depth of about 6 feet.

The upper 4 feet are moderately loose to moderately dense and porous and is slightly to locally highly bioturbated. Below 4 feet, the deposits generally become moderately dense to locally very dense. Vague horizontal stratification was observed locally within gravelly sand in Trench A3, otherwise the deposit was observed to be massive and structureless. The Lakewood Formation deposits below a depth

of 5 feet are considered suitable for support of new compacted fill.

GROUNDWATER

Our review of the Seismic Hazard Zone Report for the Inglewood 7.5-minute quadrangle (CGS, SHZR 027, 1998 – see Plate 6 herein) indicates that the historic high groundwater level is on the order of 50 feet or greater below the ground surface. Groundwater was not encountered in any of the on-site borings excavated by Geotechnologies or GWV, which reached depths of 60 and 50 feet, respectively. Based on the historically high groundwater levels in the site's vicinity and the absence of groundwater observed in the on-site excavations, groundwater is neither expected to be encountered during the proposed construction, nor have a detrimental effect on the project.

SEISMICITY

The subject site contains no known active or potentially active faults, nor is it within an Alquist-Priolo Earthquake Fault Zone. Therefore, the potential for ground rupture is considered to be very low. However, the property is situated within the seismically active Southern California region and ground shaking is likely to occur due to earthquakes caused by movement along faults within the region.

HISTORICAL SEISMICITY

The property has experienced ground shaking during historical times. To evaluate the historical seismicity at the site, the USGS Earthquakes Maps website was used. A search was performed of historical earthquakes within a 100 km radius of the Inglewood High School site. Results of the search note 361 earthquakes with magnitude of 4.0 or greater. The closest earthquake listed is a magnitude 4.0 earthquake that occurred within 1.9 miles of the site in April 2021, which was centered 2 km east of Lennox. The largest historical earthquake to occur within 100 km of the site was a 7.5 magnitude earthquake in 1812, centered northwest of San Bernardino. In the record search 309 earthquakes were listed with magnitudes equal to or greater than 4 and less than 5, 42 earthquakes with magnitudes equal to or greater than 5 and less than 6, nine earthquakes with magnitudes equal to or greater than 6 and less than 7, and one earthquake equal or greater than magnitude 7.

TEN LARGEST HISTORICAL EARTHQUAKES IN 100 KM RADIUS

PLACE	MAGNITUDE	DATE	DISTANCE (MI)
Northwest of San Bernardino, California	7.5	1812-12-08	49.3
Northridge, California, earthquake	6.7	1994-01-17	20.3
1971 San Fernando Earthquake, California	6.6	1971-02-09	31.5
The 1933 Long Beach, California Earthquake	6.4	1933-03-11	30.6
Cajon Pass area, northwest of San Bernardino, California	6.36	1899-07-22	54.3
Near Palmdale, California	6.3	1857-01-17	42.7

Northwest of San Bernardino, California	6.2	1894-07-30	49.2
Channel Islands region, California	6	1827-09-24	37.0
Near San Gabriel, California	6	1855-07-11	17.5
Near San Bernardino, California	6	1858-12-16	57.2

SITE CLASSIFICATION FOR SEISMIC DESIGN

The site classification for seismic design considers the response of earth materials to ground shaking. To evaluate the site earth profile, borings for this investigation included Standard Penetration Test (SPT) sampling. Cone Penetrometer Test (CPT) soundings were also performed. CPT sounding CPT-4 was performed using a seismic-cone, allowing for acquisition of shear wave velocity data.

As part of the Cone Penetrometer Tests performed for this investigation, measurements of the seismic velocity of the soil were made at approximately 5-foot depth intervals. The results from CPT-4 indicate an average shear wave velocity of 1369 ft/sec when analyzed using the methods of ASCE Standard 7-16, Chapter 20. Accordingly, the Site Class should be considered C.

GENERAL MAPPED SEISMIC GROUND MOTION VALUES

This report includes preliminary seismic ground motion values in accordance with the methodology of ASCE Standard 7-16. Seismic ground motion values were determined using the ASCE 7 Hazard Tool (https://asce7hazardtool.online). This website presents data from seismic design maps for a maximum considered earthquake ground motion, defined by an earthquake with a 2 percent probability of exceedance within a 50-year return period (recurrence interval of 2475 years). Output from these analyses is provided in Appendix E and summarized herein.

Latitude: 33.9606º Longitude: -118.356º	**Factor/Coefficient**	**Value**
Site Profile Type	Site Class	C
Short-Period MCE at 0.2s	S_s	1.915
1.0s Period MCE	S_1	0.673
Site Coefficient	F_a	1.2
Site Coefficient	F_v	1.4
Adjusted MCE Spectral Response Parameters	S_{ms} S_{m1}	2.298 0.943
Design Spectral Acceleration Parameters	S_{DS} S_{D1}	1.532 0.628
Long-Period Transition Period	T_L	8.0 sec
Peak Ground Acceleration	PGA_M	0.99

The mean earthquake magnitude was approximated using the USGS Unified Hazard Tool website

(https://earthquake.usgs.gov/hazards/interactive/index.php). For a probability of exceedance of 2% in 50 years, the deaggregated mean earthquake magnitude is estimated at 6.73 with a mean source distance of 7.4 km.

SITE-SPECIFIC SEISMIC GROUND MOTION VALUES

For this project site-specific ground motion analyses were performed in accordance with ASCE 7-16 §11.4.8. The analyses followed the procedures of §21.2 for development of risk-targeted maximum considered earthquake ground motion hazard analysis. Design response spectrum and design acceleration parameters were developed following procedures of §21.3 and §21.4, respectively.

Site-Specific MCE Spectral Response Parameters	S_{ms} S_{m1}	2.030 1.107
Site-Specific Design Spectral Acceleration Parameters	S_{DS} S_{D1}	1.353 0.738
Peak Ground Acceleration	PGA_M	0.92

LABORATORY TESTING

Undisturbed and bulk samples of soil materials encountered at the site were collected during the course of exploration. Selected laboratory tests completed on the retrieved samples and a comprehensive summary of laboratory test results is described below. Laboratory results are presented in Appendix D.

MOISTURE DENSITY

The field moisture content and dry unit weight were determined for each undisturbed sample. Dry unit weight is expressed in pounds per cubic foot and the moisture content represents a percentage of the dry unit weight. This test data is presented on the boring logs in Appendix A and in Appendix D.

PARTICLE SIZE ANALYSES AND #200 WASH

Particle size analyses (ASTM D6913) were performed (to the #200 sieve) on selected samples from the borings. The results of the particle size analyses are presented in Appendix D.

COMPACTION AND EXPANSION TESTS

To determine the compaction characteristics of the onsite materials, compaction tests are performed in general accordance with the current ASTM D1557 standard (modified proctor). The maximum dry density is reported in pounds per cubic foot and the optimum moisture content as a percentage of the maximum dry density. An expansion index test was performed in accordance with the criteria in ASTM D4829. The results of these tests are presented in the Laboratory Summary (Appendix D, Plates LS.1-LS.2).

SHEAR TEST

Shear tests were performed in a Direct Shear Machine of the strain control type in accordance with ASTM D3080. The rate of deformation is approximately 0.01 inches per minute. Selected samples, as noted in the shear test diagram, were sheared at reduced rates of deformation. Shearing occurred under a variety of confining loads in order to determine the Coulomb shear strength parameters. The test was performed on undisturbed and remolded (@ 90% relative compaction) samples in an artificially saturated condition. The test results are presented graphically in Appendix D.

CONSOLIDATION TEST

Settlement predictions of the soil's behavior under load are made on the basis of consolidation tests. A 1-inch-high sample is loaded in a geometric progression and the resulting deformation is recorded at selected time intervals. Porous stones are placed in contact with the sample (top and bottom) to permit addition and release of pore fluid. The sample is inundated at a selected load during the progression. Results are plotted on the enclosed Consolidation-Pressure Curves (See Appendix D).

LIQUEFACTION POTENTIAL

Liquefaction is a condition where the soil undergoes continued deformation at a constant low residual stress due to the build-up of high porewater pressures. The possibility of liquefaction occurring at a given site is dependent upon the occurrence of a significant earthquake in the vicinity; sufficient groundwater to cause high pore pressures; and on the grain size, relative density, and confining pressures of the soil at the site.

The subject site, like other sites in Southern California, is expected to be subjected to significant shaking from earthquakes. While the site is underlain by sandy materials, the lack of groundwater within the upper 50 feet and the high relative density of the soil renders the potential for liquefaction to be very low. The site is not located within a Seismic Hazard Zone delineated as having potential for liquefaction as mapped by the California Geological Survey (formerly CDMG) on the Inglewood 7.5 Minute Quadrangle (Plate 5, Seismic Hazard Zones Map).

SEISMICALLY INDUCED SETTLEMENT

During seismic ground shaking, seismically induced settlement can occur. The estimation of the potential seismic settlement is divided into two separate causative mechanisms. The settlement of coarse-grained soils above the groundwater table is assumed to be related primarily to ground shaking adjusting the coarse-grained soils into a tighter packing configuration. This is often referred to as seismic compression. The seismic settlement below the groundwater is assumed to be related to pore pressure changes during liquefaction. Because no groundwater was encountered during our investigation, only

seismic settlement of unsaturated soils requires further consideration.

For this investigation we have considered the evaluation procedures proposed by Robertson & Lisheng (2010) to evaluate the seismic settlement potential of unsaturated soil. This method utilizes CPT data to estimate the relative density of the in-place soils. The analysis of seismic settlement has been evaluated using a peak ground acceleration (PGA_M) of 0.99g considering a probability of exceedance of 2% in 50 years for consideration of life-safety. The estimate for differential seismic settlement is considered to be ½ of the total seismic settlement. Seismic settlement of dry sands in some cases exceed 1 inch. Grading of the near surface soils can reduce the anticipated seismic settlement. For this report various grading removals were evaluated to estimate removals needed to reduce the total seismic settlement to 1 inch or less and reduce differential settlement to ½ inch or less *over a horizontal distance of thirty feet*. In some cases, removals on the order of 9 feet from the existing ground surface are necessary to achieve these reduced seismic settlement levels. The results of the seismic settlement analyses are provided in Appendix F of this report.

HYDROCONSOLIDATION POTENTIAL

Hydroconsolidation is a condition where dry or moist soils undergo settlement upon being wetted. In many cases no additional surcharge load is necessary to trigger the hydroconsolidation.

The potential for hydroconsolidation has been evaluated based upon the results of consolidation tests performed on samples taken from the excavated borings, our review of the soil textures and density descriptions from the boring logs, review of the dry density-moisture content data, and consideration of the geologic nature of the deposits. Samples were inundated with water at loads similar to their respective overburden pressure. Based on the lack of significant collapse and age of the deposits, we consider the potential for hydroconsolidation to be very low within the marine deposits underlying the site.

LANDSLIDING AND SLOPE STABILITY

The topography of the Inglewood High School campus and immediate vicinity is essentially flat, with a grade difference of about 6 feet from the northeast corner of the property to the southwest corner. No evidence of landsliding was observed during the course of our investigations throughout the subject site. The site is not located within a Seismic Hazard Zone for earthquake-induced landsliding.

EXCEPTIONAL GEOLOGIC HAZARDS

The following paragraphs address unusual or “exceptional” geologic hazards present in the State of California and listed in California Geological Survey Note 48.

PHASE I AND II ENVIRONMENTAL SITE ASSESSMENT WORK

Such environmental consulting services are outside of our expertise and scope of work.

NATURALLY OCCURRING HAZARDOUS MATERIALS

Review of the available geologic literature does not indicate the presence of any naturally occurring hazards such as methane gas, hydrogen sulfide gas, or tar seeps at the project site.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

We defer issues with respect to the California Environmental Quality Act to the project architect and owner. No paleontological resources were observed in our exploratory excavations.

GROUNDWATER QUALITY

The Inglewood High School campus is provided potable water by the local utility. To our knowledge, no groundwater resources are extracted by the school.

ON-SITE SEPTIC SYSTEMS

The school and surrounding areas are provided with public sanitary sewer service. An existing on-site septic system was encountered in the Smith-Emery Fault Trench A located north of the existing Administration building adjacent to the south side of Manchester Boulevard. It is our understanding that the septic system is no longer being used, and it is recommended the system be properly abandoned utilizing guidelines of the local governing agency during the proposed site modernization project.

NON-TECTONIC FAULTING OF ALLUVIAL FAN DEPOSITS HAZARDS

Review of the geologic literature does not indicate the historical occurrence of nontectonic faulting in the site vicinity due to subsurface fluid withdrawal.

The lateral continuity of the marine deposits underlying the site and their low potential for hydroconsolidation indicates that the potential for non-tectonic faulting is remote.

REGIONAL SUBSIDENCE HAZARDS

Review of the USGS Areas of Land Subsidence in California website (https://ca.water.usgs.gov/-land_subsidence/california-subsidence-areas.html) indicates the project site has not been subject to historical subsidence.

VOLCANIC ERUPTIONS HAZARDS

The project site is located well outside areas of active volcanism.

TSUNAMI AND SEICH HAZARDS

Our review of CGS earthquake hazard zones maps indicates that tsunami run-up heights (16± feet) are generally confined to beach areas, and the subject site, which has an elevation of approximately 115 feet above mean sea level, is not mapped within and area susceptible to tsunamis.

Seiches are seismically induced waves or oscillations within semi-enclosed bodies of water such as lakes, reservoirs, and bays. In light of the lack of significant bodies of water adjacent to the site, the potential for a seiche to impact the site is considered low.

NATURALLY-OCCURING ASBESTOS HAZARDS

Our review of the geologic literature and exploratory findings indicate that naturally occurring asbestos minerals are not present at the site.

RADON-222 HAZARDS

The project site is not immediately underlain by formations known to emit hazardous levels of radon gas. Notwithstanding, we defer the evaluation of this environmental and public health hazard to the project environmental consultant.

FLOOD INUNDATION HAZARDS

Due to the lack of any reservoirs up gradient from the subject site, flooding as a result of dam failure is not considered to be a viable hazard. Based on the geologic and topographic setting and site elevation (115' msl), the potential for flooding at the site is considered low.

DISCUSSION AND DESIGN CRITERIA

The following discussion and design criteria are based upon our understanding of the proposed project, associated improvements, and current site conditions. Our office should be provided with specific site development plans when they are available and should be kept abreast of significant modifications to the proposed project to provide supplemental geotechnical design criteria when appropriate. Foundation recommendations are general in nature. During the design phase of the project, additional project-specific foundation design criteria can be provided.

RECOMPACTION FOR NEAR SURFACE IMPROVEMENTS

Any areas to support foundations and slabs-on-grade should have existing fill soils removed, moisture conditioned, and recompacted to at least 90 percent relative compaction. Native soils to support foundations and slabs should also be removed and recompacted. The limit of such removal and recompaction should extend at least to the bottom of existing fills, 9 feet below the existing grade (to address seismic settlement), or 3 feet below the base of foundations, whichever is deepest, and at least 5 feet beyond planned foundations and slabs.

In areas outside proposed structures, such as for proposed hardscape, street improvements, and parking lots, and areas to receive fill, removals should be performed to remove existing fills and disturbed soil to underlying competent alluvial soils. For planning purposes, considering that exploration encountered existing fills as thick as 3 feet, these removals may extend as deep as 4 feet locally. Actual removals will be

based on field conditions encountered during grading and may differ somewhat from the anticipated removals presented herein.

As previously discussed, the fault trenches excavated on the subject site by this firm in 2023 were backfilled with the trench spoils, but due to a high moisture content the compaction of the material was minimal. It is recommended that all trench backfills be removed and recompacted to at least 90 percent relative compaction during the proposed site development. The two trenches excavated in Grevillea Avenue were backfilled with slurry and do not require further mitigation.

GRADING – ENGINEERED FILLS

We anticipate that minor cut and fill grading and removal and recompaction of near surface pad soils will be necessary to provide structural support for the proposed structures, as well as prepare subgrade for paving and to provide suitable site drainage for the proposed site development. The following criteria pertain to the placement of, and preparation for, engineered fills;

1. The on-site soils are suitable for use as structural fill. Any import materials that are to be used as structural fill should be approved by this office prior to placement.
2. All vegetation (trees and tree roots), trash debris, asphalt, or other deleterious material should be stripped from the area to be recompacted or to receive the proposed improvements.
3. Compressible soils that lie within any areas to be filled should be removed to relatively incompressible material and replaced as properly compacted fill. Portions of the compressible materials that are sufficiently thin may be scarified, watered or air dried to approximately the material's optimum moisture content, and compacted in-place. A combination of removal and recompaction in-place may be used, providing the recommended compaction is obtained throughout the recommended depth interval. Unsuitable soils (artificial fill) should be removed to firm and unyielding native deposits.
4. Shrinkage refers to the lesser volume of fill that results from a given volume of excavation. The shrinkage of the Lakewood Formation materials is anticipated to be between 5% and 10%.
5. Subsidence includes the general lowering of the ground due to in-place compaction by construction equipment. Subsidence is anticipated to range from 1.0 to 3.0 tenths of a foot in the alluvial areas.
6. The maximum dry density and optimum moisture content of the material to be used as compacted fill should be determined in accordance with the standard test method ASTM D1557 (“modified proctor”). The density of earth materials is to be measured using the nuclear gauge (ASTM D6938) or sand cone (ASTM D1556) test methods. The frequency of field density tests should be at least one density test for every 500 cubic yards of fill or each 18 vertical inches of fill.

7. Exposed surfaces should be scarified, moistened or air dried as appropriate, and compacted to 90 percent of the material's maximum dry density prior to placement of fill.
8. We recommend a uniform blanket of compacted fill be created for support of structural footings (for buildings and retaining walls with conventional foundations). The fill cap should extend to at least 3 feet below the base of proposed footings, or 9 feet below the existing grade to address seismic settlement concerns, and 5 feet beyond their perimeter. Special consideration should be paid to locations where existing improvements (utilities, power poles, etc.) interfere with the creation of the desired fill cap. Such conditions should be brought to the attention of this office so that the specific site conditions may be evaluated and recommendations provided.
9. Areas that are to be paved should be scarified to at least ***12*** **inches** below the existing grade or into existing native deposits, whichever is deeper, brought to near the material's optimum moisture content, and compacted to at least 90 percent relative compaction.
10. Fill materials should be placed in thin lifts not exceeding 8 inches in thickness, watered to near the material's optimum moisture content, and compacted to at least 90 percent relative compaction prior to placing the next lift.
11. The areas of the previous fault trenches should be removed to the bottom of the trench excavation (approximately 9 feet in depth) and replaced as compacted fill in accordance with recommendations herein.
12. The 90 percent relative compaction standard applies to the face of fill slopes. This may be achieved by overfilling the constructed slope and trimming to a compacted finished surface, rolling the slope face with a sheepsfoot, or any method that achieves the desired product.
13. All grading should comply with the grading specifications and requirements of the governing agency.

RECOMMENDED FOUNDATIONAL MATERIAL

Based on the findings from this investigation, certified engineered fill is suitable for foundational support of structures with a minimum foundation embedment of 24 inches below the adjacent grade.

TEMPORARY EXCAVATIONS

Temporary excavations required for rough grading (such as excavations associated with removal and recompaction) may be made vertical within the native marine deposits up to a maximum height of 5 feet. That portion of the excavation above a height of 5 feet, and any portion exposing artificial fill or residual soil, should be laid back to 1:1 (H:V) unless specific alternative treatments are evaluated and found acceptable. Where spatial limitations prevent the use of sloping of excavation sidewalls, or where

the excavation will undermine adjacent structures or the public right-of-way, geotechnical design criteria for temporary shoring has been provided.

Temporary excavations (such as utility trenches, grading removals, and backcuts for retaining wall construction) should comply with CAL/OSHA requirements. The safety and stability of excavations for the planned improvements are the responsibility of the contractor. The materials encountered in the exploratory excavations are classified as Type "C" soils.

TEMPORARY SHORING

In areas where sloping of the sidewalls of temporary excavations is not possible due to property line constraints or existing adjacent structures, shoring may be used as an alternative. The following geotechnical recommendations are provided for shoring consisting of cantilever soldier piles with lagging. These recommendations are general in nature; additional recommendations may be warranted once construction methods and specific data regarding the shoring design are available.

For cantilevered shoring that is free to deflect at least 0.002H (where H is the retained height), an active-earth lateral pressure with a triangular distribution equivalent fluid pressure of 35 pcf may be used to model lateral earth pressures for a level retained surface. For shoring that is restrained from deflecting or that will be incorporated into the restrained basement walls, a constant at-rest lateral earth pressure of 20H may be used.

Nearby traffic loads within a 1:1 projection from the base of the excavation should be incorporated into the design loading. The lateral load from traffic surcharges should be continued to a depth of 10 feet or to the bottom depth of the excavation, whichever is less.

Cantilever soldier piles are anticipated to resist lateral movement or overturning through transmission of these lateral forces to the soils below the excavation elevation. The passive resistance provided by the soils below the base of the excavation can be assumed to be an allowable pressure of 500 psf/ft to a maximum of 7500 psf (considering a factor of safety of 1.5) for piles spaced at least 3 pile diameters apart. This passive resistance is applicable for undisturbed soil in direct contact with the soldier pile. The depth of the pile penetration below the base of the excavation must be sufficient to resist the lateral movement and over-turning of the soldier pile system. We recommend that passive resistance be ignored for a depth equal to 1.5 times the effective pile diameter below the base of the excavation. The effective pile diameter is considered the dimension of the soldier pile taken parallel to the line of the wall for driven piles, or the diameter of the drilled hole, whichever is greater.

Drilled holes may be backfilled with structural concrete below the excavation line. The remainder of the hole may be backfilled to the ground surface with sand-cement slurry or lean concrete that is strong

enough to prevent collapse of the hole, but weak enough to be excavated for installation of lagging.

Wood or steel lagging should be used to support the excavation wall between the soldier piles. If the lagging is to remain in place permanently, then treated lumber should be used for the wood lagging. Much of the lateral force is anticipated to be distributed to the cantilever soldier piles through soil arching. Therefore, the lagging may be designed to resist 60% of the theoretical lateral load on a simple span but need not exceed a value of 400 psf (without surcharges). For the arching effect to occur, the backside of the soldier pile must bear against the soil. Placement of lagging behind the back flange of the soldier pile is not recommended.

FOUNDATION SYSTEMS

Based on review of preliminary geotechnical data for the site, the proposed structures may be supported on conventional spread and continuous foundations. Foundation design criteria are based, in part, upon the expansive properties of the materials anticipated to be present near the finished pad grade. Laboratory testing to verify the expansive properties of the near-pad-grade materials should be performed at the completion of rough grading.

Conventional Foundations

Continuous or pad footings may be used to support the proposed structures. In order to achieve the capacities specified below, they should be founded a minimum of 24 inches into engineered fill, with the concrete placed against in-place, undisturbed material. Foundation design criteria are based, in part, upon the expansive properties of the materials anticipated to be present near the finished pad grade. Laboratory testing to verify the expansive properties of the near-pad-grade materials should be performed at the completion of rough grading. The following table presents typical foundation design criteria.

FOUNDATION DESIGN PARAMETER	DESIGN CRITERIA	UNITS	NOTES
	EI = 0-20		
Pre-Saturation depth	moisten	in	
Allowable Bearing Capacity (net) (FS>3)	3000	psf	1,2
Allowable Lateral Resistance (FS=1.5)	250	psf/ft	2,3
Maximum Allowable Lateral Resistance	3000	psf	2,3
Coefficient of Friction (FS=1.0)	0.40		
Minimum Embedment Below Adjacent Grade	24	in	4
Minimum Reinforcement	2 - #4, 1 near top and 1 near bottom		

FOUNDATION DESIGN PARAMETER	DESIGN CRITERIA	UNITS	NOTES
	EI = 0-20		
SLAB-ON-GRADE DESIGN PARAMETER			
Minimum Concrete Thickness	5	in	
Minimum Reinforcement (On-Center-Each-Way)	#4 @ 16"		
NOTES			
1) Bearing portions of all footings should be at least 5 feet (measured horizontally) from the face of adjacent descending slopes. All footings should bear at least 3 feet below an imaginary plane projected upward at 1.5:1 from the toe of locally over-steepened slopes. Pad footings should be at least 24 inches square. Continuous footings should be at least 12 inches wide for one-story and 15 inches wide for two-story construction.			
2) May be increased by 1/3 for short duration loading such as by wind or seismic forces.			
3) Decrease by 1/3 when combined with friction.			
4) Applies to exterior footings.			

Modulus of Subgrade Reaction

We understand that buildings may include braced frames and/or other elements supported on foundations designed using elastic principles. For elastic design of foundations, a modulus of subgrade reaction (k() of 200 pounds per cubic inch (psi/in) is considered appropriate for the anticipated bearing soils consisting of silty sand at near optimum moisture. This modulus considers a 1-foot by 1-foot plate. The following equations (Terzaghi, 1955) may be used to convert this modulus for use with larger load areas.

$$K_v = K_{v1}\left[\frac{B+1}{2B}\right]^2$$

Where: K_v =Vertical subgrade modulus
K_{v1} =Subgrade modulus for 1'x1' plate
B =Foundation width in feet

Slab-on-Grade

Approximately 6 inches of sand should be placed across the slab subgrade, with a vapor retarder placed on top of the sand in all areas where moisture penetration of the slab is undesirable. The vapor retarder should consist of a Class A (ASTM E1745), minimum 10 mil thick, polyolefin plastic. Concrete for the floor slab should be placed directly upon the vapor retarder. The vapor retarder should be placed in general conformance with ASTM E1643. The permeance (propensity to transmit water) and strength of vapor retarder, as well as the water/cement ratio, mix design and strength of the concrete, will influence a variety of things, including slab finishing, construction

schedules, moisture released from the slab, and floor coverings. Project design and construction professionals should consider these factors when developing specifications for, and/or selecting materials for, the vapor retarder, concrete, and floor covering.

Cast-In-Place Foundations

The planned buildings will be acted upon by transient lateral forces such as wind and seismic. Deep foundations may be used to resist uplift created by these forces. The following sections present geotechnical design criteria for deep foundations. *Deep foundations and shallow foundations often behave somewhat differently when acted upon by vertical or lateral forces. This office should be contacted to evaluate specific conditions where shallow foundations and deep foundations are both used for a building.*

Deep Foundation Vertical Capacity

Cast-in-place deep foundations can be cast in drilled holes extending into the existing earth materials. The bearing capacity of these deep foundations was analyzed considering side friction only for vertical capacity. Deep foundations can be designed for compression using an allowable skin friction capacity of 333 psf is considered appropriate for the site conditions. The allowable compressible vertical capacity has a factor of safety of two applied to the ultimate side friction values. To achieve the full vertical capacities, deep foundations should be spaced no closer than three pile diameters center-to-center.

Uplift resistance can be derived from side friction along the pile and the weight of the pile. The allowable side friction values used to resist uplift can be developed by applying a factor of safety of 3.0 to the ultimate compression side friction values. For short duration loading (i.e., by wind and seismic loading), the allowable capacities may be determined using a factor of safety of 2.0 applied to the ultimate side friction values.

Deep Foundation Settlement

The settlement for the proposed cast-in-place deep foundations supported via side friction is not anticipated to exceed ¼ inch of settlement.

Deep Foundation Installation

Concrete must be placed in direct contact with the undisturbed in-place materials in order to achieve the specified capacities. Groundwater was not encountered in the exploratory excavations. During the investigation, caving of the hollow-stem exploratory borings did occur occasionally in clean coarse sand. Stabilization of the excavation is anticipated to be necessary where clean coarse sand is encountered. Methods of stabilization include casing and/or the use of drilling fluids.

Adjacent deep foundation excavations should not be open at the same time. We recommend deep foundations be completed and the concrete allowed to be set up prior to excavation of an adjacent deep foundation location.

Cast-in-place deep foundations are a non-displacement type of foundation. Their construction will produce spoil materials. Accommodation should be made for removal of this volume of material from the site.

RETAINING WALL RECOMMENDATIONS

Development plans may include retaining walls. Foundation design criteria are provided in the preceding section. Lateral loading criteria for cantilevered wall designs with level backfills are presented in the table below. The loading criteria are in part a function of the type of backfill material. Criteria for various Unified Soil Classification designations are provided. Earth materials supported by the retaining wall and bearing support may be assumed to have a total soil unit weight of 125 pcf.

Lateral Design(1)

	Equivalent Fluid Density (pcf)
USCS Class:	GW, GP, GM, SW, SP, SM
Active Pressure	35
At-rest Pressure	60

(1) Considering Table 1610A.1 of the 2019 CBC and laboratory strength results.

Retaining walls that are free to deflect at the top may be designed for active pressure. Retaining walls that are restrained at the top should be designed for at-rest pressure. The 2019 CBC §1610A.1 allows basement walls which extend not more than 6 feet below grade with supporting flexible floor systems to be designed for active pressure.

The equivalent fluid densities in the table should be increased for walls supporting slopes steeper than 5:1 (H:V). The values should be increased 1 pcf for each 2 degrees of backfill gradient. For example, ascending backfill with a gradient of 2:1 may use an equivalent fluid density that is increased by 13 pcf. Recommendations for other backfill conditions may be provided upon request.

All retaining walls should be provided with adequate backdrainage systems. Pipe outlets are generally preferred over weep holes. Free draining material should be used behind weep holes or about pipe drains. Care should be exercised to see that weep holes are installed and maintained above the finish grade adjacent to the face of the wall. Waterproofing should be included in the design where moisture penetration of the wall and mineral deposits/staining on the wall face are undesirable.

Backfill for retaining walls should be properly compacted. Use of expansive soil as backfill for retaining walls will result in a surcharge to the wall, the magnitude of which is dependent upon the

expansion index of the backfill. An impervious cap should be provided at the top of the backfill to retard infiltration of water. A typical backfill detail is provided in Appendix G of this report.

Seismic Increment of Earth Pressure

As required by California Building Code §1803A.5.12 geotechnical reports for structures assigned to Seismic Design Category D, E or F must include information regarding lateral pressures on foundation walls and retaining walls due to earthquake motions. Recent writings such as Lew et al. (2010), Al Atik et al. (2010), and Sitar and Wagner (2015) attempt to address the appropriate means to implement this code requirement. These works conclude in part that seismic earth pressures can be neglected when the peak ground acceleration is below 0.3g. For this site, the peak ground acceleration is above this threshold.

For retaining walls, the following design criteria are provided considering the general provisional recommendations proposed by Sitar and Wagner (2015) for walls founded on non-saturated, level ground conditions. Per CBC §1803A.5.12 item 1, the seismic earth pressure increment need only be included in design when walls support more than six feet of backfill. When this criterion is met, cantilever walls free to move and rotate can be designed for a seismic earth pressure increment considering an equivalent fluid pressure of 21 pcf and 58 pcf for level and sloping backfill, respectively (triangular pressure distribution). Walls restricted from moving or rotating, such as basement walls, can be designed for a seismic earth pressure increment considering an equivalent fluid pressure of 48 pcf (triangular pressure distribution). The resultant of this seismic earth pressure increment is considered to act at one-third H above the base of the wall. The seismic earth pressure increment should be applied to the active earth pressure for both the free-to-rotate and restrained cases. Often, for the case of walls restricted from moving or rotating, this combination of active earth pressure and seismic earth pressure increment will not exceed the at-rest earth pressure for the static case when considering factored loads used for the basic load combinations prescribed in the California Building Code.

Factors of Safety

The factor of safety for the allowable bearing pressure provided is greater than three. The allowable passive pressure provided is based upon a factor of safety of *1.5*. The factor of safety for the sliding friction is one. The factor of safety for the active pressure is one.

With regard to retaining walls, the California Building Code calls for a 1.5 factor of safety for both sliding and overturning. We defer to the California Building Code and the project structural engineer on this matter.

ELEVATOR PITS AND RETAINING WALL BACKDRAINAGE

Subsurface elevator pits and retaining walls should be provided with waterproofing and backdrains as illustrated in Plate RW1 in Appendix G for the alleviation of porewater pressure. Such drains should be connected to a nearby storm drain or be provided gravity-flow outletting to a sump. In lieu of installing such

backdrainage measures, retaining walls would need to be designed considering hydrostatic pressure.

SETTLEMENT

Static settlement of shallow spread foundations is anticipated to be minor, on the order of ¾ inch. Differential settlement between footings is anticipated to be less than ⅜ inch over a span of 30 feet. We anticipate the majority of settlement to occur during construction. Total seismic settlement is anticipated to be on the order of 1 inch, with differential settlement of 1/2 inch over a span of 30 feet considering earthquake ground motions with a 2% probability of exceedance in 50 years.

CORROSIVITY

For structural elements, a site is considered to be corrosive if one or more of the following conditions exist for the representative soil samples taken at the site: Chloride concentration is 500 ppm or greater, sulfate concentration is 2000 ppm or greater, or the pH is 5.5 or less (Caltrans, 2015; GMED, 2013). For structural elements, the minimum resistivity of soil and/or water indicates the relative quantity of soluble salts present in the soil or water. In general, a minimum resistivity value for soil and/or water less than 1000 ohm-cm indicates the presence of high quantities of soluble salts and a higher propensity for corrosion.

Samples from the soil at the site have been forwarded to consulting corrosion engineers, Project X Corrosion Engineering, for testing. Resistivity results indicate resistivity of saturated samples of 11,390 ohm-cm. Soluble sulfate test results yielded concentrations of less than 0.0277 percent by mass. This level of soluble sulfate is in the S0 exposure class per Table 19.3.1.1 of ACI 318-14. Chlorides were 34.3 ppm. The pH was determined to be approximately 6.5.

Based on these results, the on-site soil does not meet any of the corrosion criteria. Samples of the on-site soils are not considered corrosive to structural elements based on the aforementioned definition.

UTILITY TRENCH EXCAVATIONS

Utility trenches excavated parallel or nearly parallel to footings should not be excavated below a plane having a 2:1 (H:V) projection for the line 9 inches above the base of the footing and should not be excavated closer than 18 inches from the face of a footing, as outlined in CBC §1809A.14.

UTILITY TRENCH BACKFILL

Backfill for utility trench excavations should be compacted to at least 90 percent relative compaction. Where installed in sloping areas, the backfill should be properly keyed and benched. Two-sack sand slurry may be utilized as backfill in non-structural areas to expedite backfilling and construction

PRELIMINARY PAVEMENT STRUCTURAL SECTIONS

Preliminary pavement structural section information for the project has been prepared

considering typical subgrade soils encountered on the Inglewood High School campus. The following tables present typical pavement section recommendations. These consider an R-value of 45 for subgrade soils.

AC PAVEMENT RECOMMENDATION

Assumed Traffic Index	Thickness of Asphalt Concrete (in)	Thickness of Crushed Aggregate Base (in)
5 (Parking Stalls & Access Lanes)	3.0	6.0
7 (Entrance & Service Lanes)	4.0	8.5

CONCRETE PAVEMENT RECOMMENDATION

Assumed Traffic Category	Thickness of Concrete (inches)	Thickness of Crushed Aggregate Base (inches)
Parking Stalls & Access Lanes	5.0	4.0
Entrance & Service Lanes	6.5	4.0

Based on the 'R' value, sand or base is typically not required under curbs, gutters and free-floating sidewalks.

R-value tests should be performed at the completion of grading and final pavement section designs should be developed at that time based on the results of that testing.

Landscape watering should be kept to a minimum. Cutoff walls should be considered in areas that abut landscape planters. This would help prevent irrigation water from infiltrating into the adjacent subgrade. The cutoff walls should extend 6 inches into native subgrade soils.

Prior to placement of base and asphaltic concrete, the upper 12 inches of the subgrade must be scarified, watered, and compacted to 95 percent of the material's maximum dry density. If fills are required to reach the top of the subgrade, they must be consistent with the 'R' values that were used in this report.

CONCRETE

Joints are placed in concrete pavement to control cracking and facilitate construction (ACI, 330R). We defer the design of the joints to the pavement designer. The use of distributed steel reinforcement is in part a function of the joint configuration. Therefore, we also defer this aspect of the design to the designer. However, sufficient steel should be used to control cracks caused by temperature variations. Our analysis indicates this quantity of reinforcement steel should be no less than #4 rebar positioned at

16 inches on-center in each direction. The Manual of Concrete Practice (ACI 330R) provides design information regarding these aspects of the design.

All work and materials must comply with the latest applicable specifications of the governing jurisdiction.

FLATWORK

The on-site soils are considered non-expansive. All flatwork, such as sidewalks or other concrete not subject to vehicle loads, may be designed for non-expansive soils condition. Concrete should be at least a nominal 4 inches thick. The top *12* inches of subgrade material beneath proposed flatwork and hardscape should be removed and recompacted to at least a relative compaction of 90 percent.

SEPTIC SYSTEM ABANDONMENT

Fault Trench A excavated by Smith-Emery in 2001 encountered an on-site septic system consisting of a septic tank and three brick-lined seepage pits. The locations of the septic system elements are shown on Plate 2. It is our understanding this system is no longer being used, and it is recommended that it be properly abandoned in accordance with Los Angeles County and/or city of Inglewood requirements. This typically involves removing the septic tank and backfilling the excavation with compacted fill and cleaning out the seepage pits and backfilling them with slurry.

DRAINAGE

Positive drainage should be established to carry pad water away from structures and foundations, and to prevent uncontrolled or sheet flow over manufactured slopes. We recommend as steep a gradient as possible be established around the structure, to the street or other non-erosive drainage devices. Fine-grade fills placed to create pad drainage should be compacted in order to retard infiltration of surface water.

Preserving proper surface drainage is also important. Planters, decorative walls, plants, trees or accumulations of organic matter should not be allowed to retard surface drainage. Area drains and roof gutters (if present) should be kept free of obstruction. Roof gutters (if present) and condensation lines from air conditioners should outlet to area drains or paved areas which conduct the water to the street. Positive drainage along the backs of retaining walls should be maintained. Any other measures that will facilitate positive surface drainage should be employed.

activities.

CONSTRUCTION MONITORING

Prior to finalizing grading plans, foundation plans, and project specifications should be submitted to this office for our review. The purpose of that review is to confirm that geotechnical design criteria have been properly incorporated into the project design. Additional geotechnical design criteria may be provided at that

time if such are considered warranted.

Placement of all fill and backfill should be monitored by representatives of this office. This includes our observation of prepared bottoms prior to filling. Supplemental recommendations may prove warranted based upon the materials exposed in the actual excavations.

Foundation excavations should be observed by representatives of this office to see if the recommended penetration of proper supporting fill materials has been achieved. Such observations should be made prior to placing concrete, steel, or forms. This office should be notified at least 24 hours prior to placing concrete, steel or forms.

CLOSURE

This geotechnical report has been prepared in accordance with generally accepted engineering practices at this time and location. No other warranties, neither express nor implied, are made as to the professional advice provided under the terms of our agreement and included in this report.

Thank you for this opportunity to be of service. Please do not hesitate to call if you have any questions regarding this report.

Respectfully submitted,
GEOLABS-WESTLAKE VILLAGE

Scott D. Fishburn
C.E.G. 2114



Lawrence K. Stark
G.E. 2772



SDF:LKS/jl

XC: (6) Addressee

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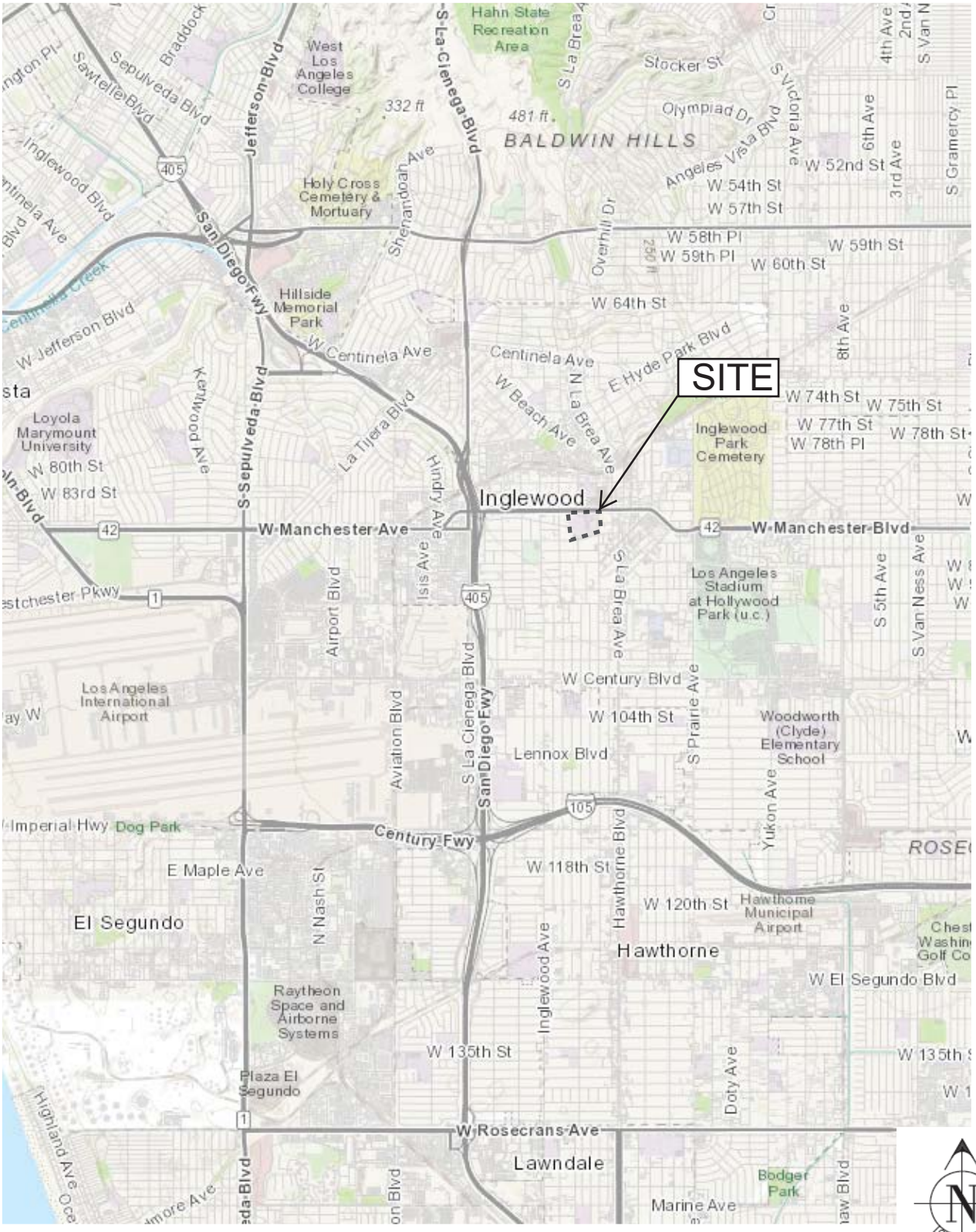
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LOCATION MAP



Reference Map: https://asce7hazardtool.online/

Geolabs - Westlake Village
GEOLOGY AND SOIL ENGINEERING

DATE 09/2024 BY SDF
SCALE NTS W.O. 9711

PLATE 1

APPROXIMATE LIMITS OF ALQUIST-PRIOLO EARTHQUAKE FAULT ZONE

A

NEW FIRE LANE ENTRANCE

W MANCHESTER BLVD

TRENCH A1 (Geolabs)

TRENCH A (Smith-Emery)

B22

Qlw (thin af cover)

B23

B8

B1

B21

TRENCH B (Smith-Emery)

TRENCH A2 (Geolabs)

TRENCH A3 (Geolabs)

B9

150'

(E) SEPTIC TANK AND SEEPAGE PITS

PT-4

EXISTING BUILDING M (Minimally Renovated for Future Classroom Space)

Qlw (thin af cover)

LABORATORY CLASSROOM ACADEMY

BLDG 3.1

B

B'

50' Setback Zone

Proposed Building #3

CPT-2

42'

Limits of Existing 7' Deep Basement

S GREVILLEA AVE

EXISTING BLDG L (Minimally Renovated for Future Classroom Space)

Qlw (thin af cover)

B10

EXISTING GYMNASIUM

B2

B25

B26

PT-5

BLDG 3.2

GENERAL CLASSROOM ACADEMY

Qlw (thin af cover)

B11

B29

CPT-4

50' Setback Zone

B18

Qlw (thin af cover)

B27

Proposed Building #3

Proposed Building #4

TRENCH C3 (Geolabs)

B30

TRENCH C (Smith-Emery)

B24

TRENCH C2 (Geolabs)

PT-1

B3

Qlw (thin af cover)

TRENCH D (Smith-Emery)

BLDG 4 STUDENT LIFE BUILDING

B20

B32

PT-3

B31

Qlw (thin af cover)

Proposed Building #4

TRENCH C4 (Geolabs)

TRENCH E (Smith-Emery)

TRENCH C1 (Geolabs)

B19

B18

50' Setback Zone

BLDG 1.1

Proposed Building #1

C

C'

B-2

CPT-1

B4

MPR 300 SEATS

B-1

B17

B16

APPROXIMATE LIMITS OF ALQUIST-PRIOLO EARTHQUAKE FAULT ZONE

BLDG 2

BLDG 1.2

GENERAL CLASSROOM

PT-6

EXISTING BLDG J (Renovated for Classrooms)

EXISTING BLDG I (Renovated for Classrooms)

Proposed Building #2

Proposed Building #1

Qlw (thin af cover)

B6

B5

FOOD SERVICES

OUTDOOR COVERED STUDENT DINING 300 SEATS

Qlw (thin af cover)

B33

B12

CPT-3

B34

Qlw (thin af cover)

TRASH

PT-2

B13

POTENTIAL NEW PARKING LOT (Existing Music Building Demolished)

EXISTING AUDITORIUM

A'

B7

Qlw (thin af cover)

Qlw (thin af cover)

B14

B15

PT-7

Qlw (thin af cover)

W KELSO ST

EXISTING CONTINUING EDUCATION HIGH SCHOOL (Buildings may provide interim classrooms or admin space during construction)

EXPLANATION

af	Artificial Fill
Qlw	Lakewood Formation (Older Alluvium)
TRENCH C	Approximate Location of Fault Trench by Smith-Emery GeoServices, 2001
TRENCH C3	Approximate Location of Fault Trench by Geolabs-Westlake Village, 2023
B25	Approximate Location of Hollow Stem Auger Boring by Geotechnologies, 2001
B-2	Approximate Location of Hollow Stem Auger Boring by Geolabs-Westlake Village, 2024
PT-6	Approximate Location of Infiltration Test Boring by Geolabs-Westlake Village, 2024
CPT-2	Approximate Location of Cone Penetrometer Sounding by Geolabs-Westlake Village, 2024
	Proposed Building Footprint (approximate)
C C'	Line of Geologic Cross Section

GEOLOGIC MAP

Inglewood High School
231 South Grevillea Avenue
County of Los Angeles,
City of Inglewood, California

N

40 20 10 0 40 80 120

1"=40'

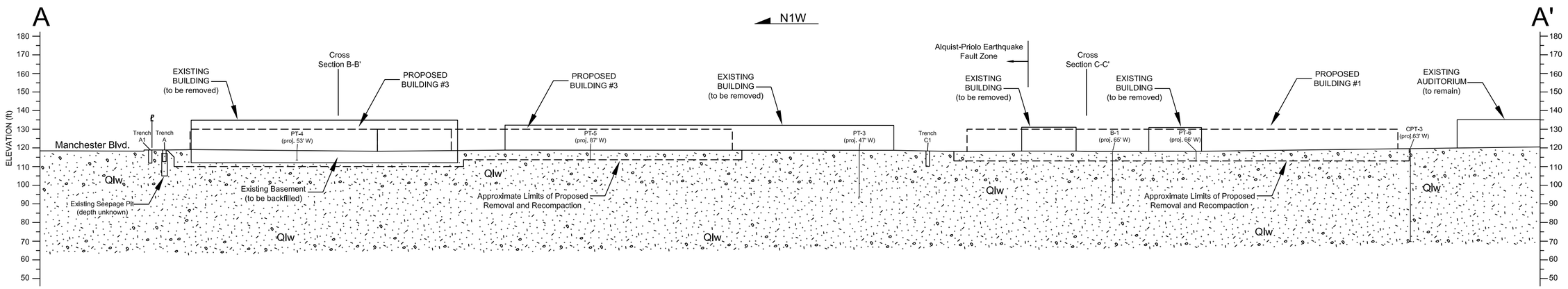
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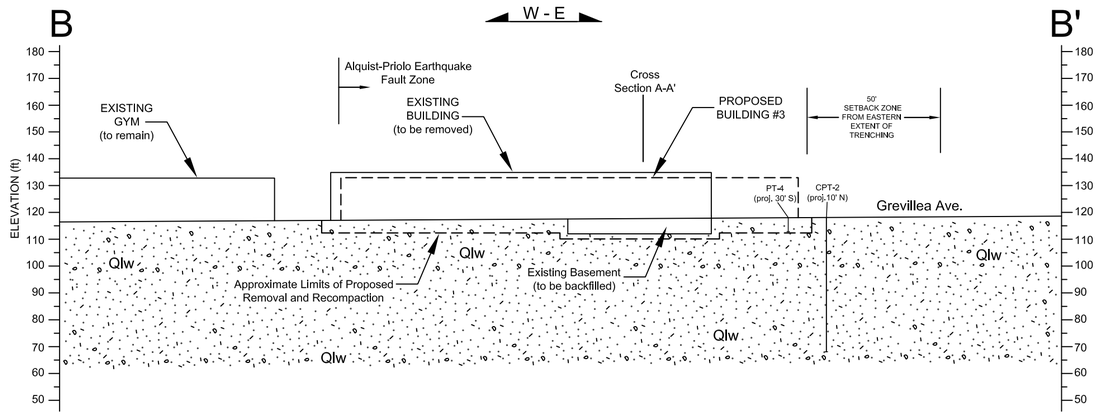
Revised 09/2024

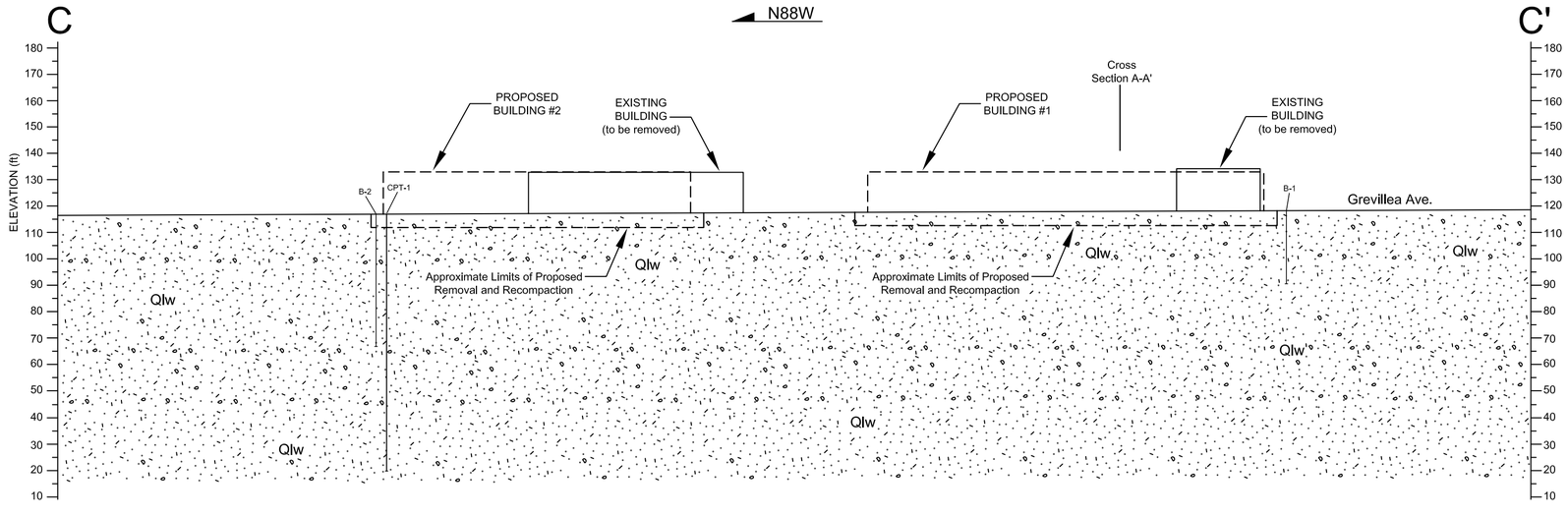
Geolabs – Westlake Village
GEOLOGY AND SOILS ENGINEERING

DATE 09/2024 BY SDF
SCALE 1" = 40' W.O. 9711

PLATE 2







40 20 10 0 40 80 120

1"=40'

See Plate 2 for Explanation

GEOLOGIC CROSS SECTIONS

231 South Grevillea Ave.
County of Los Angeles
City of Inglewood, California

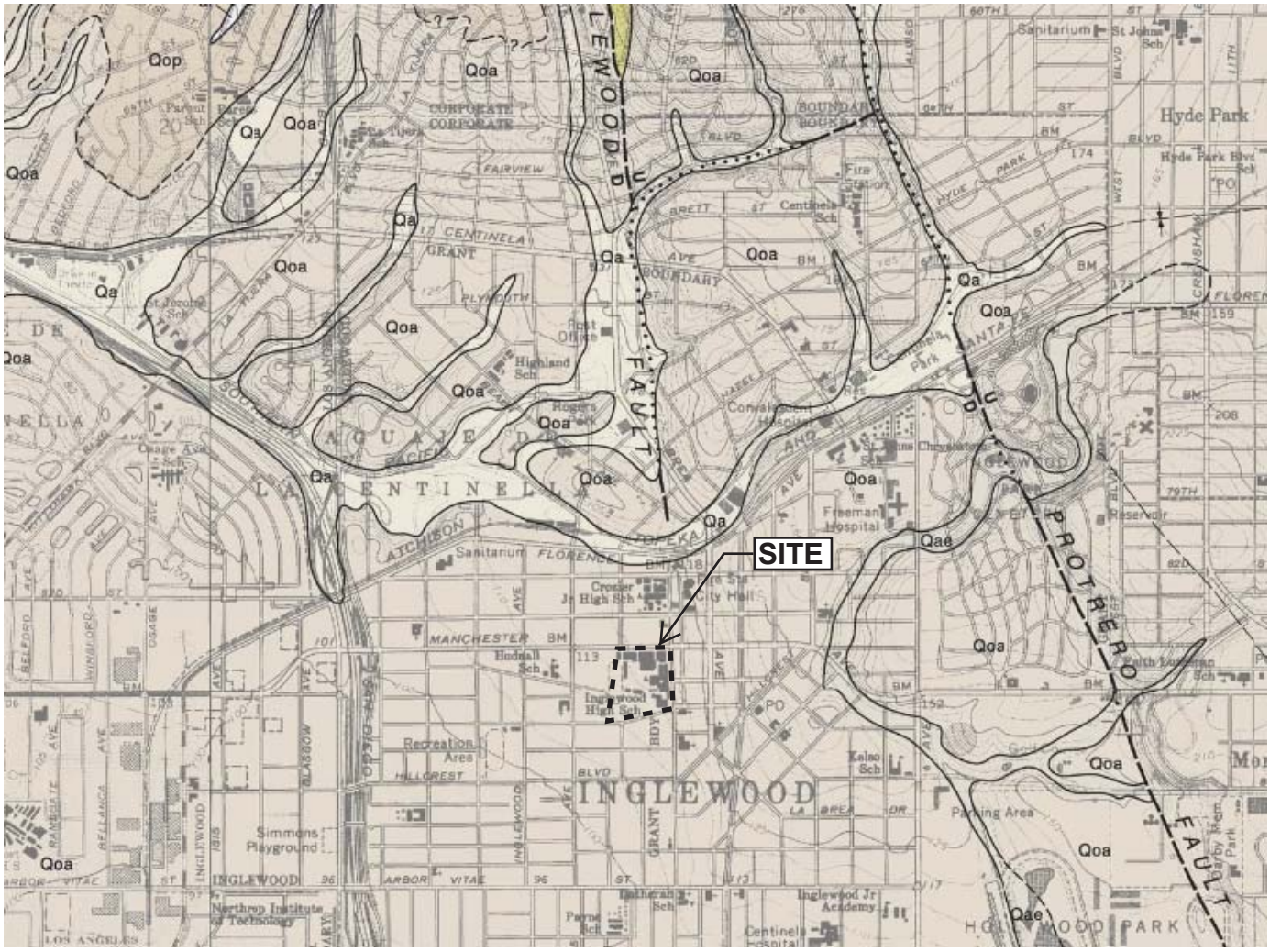
P:\9711 Inglewood HS\Geologic Cross Sections.dwg

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DATE 09/2024 BY SDF
SCALE 1" = 40' W.O. 9711

PLATE 3

REGIONAL GEOLOGY MAP



LEGEND

af

Qa | Qbs | Qc

SURFICIAL SEDIMENTS

Alluvial sediments, unconsolidated, undissected

af *Artificial cut and fill*
Qbs *Beach sand*
Qc *Clay and sand of predeveloped marshlands*
Qa *Alluvial gravel, sand, and clay, derived mostly from Santa Monica mountains; includes gravel and sand of minor stream channels*

Qls

LANDSLIDE RUBBLE

Qls *Landslide rubble*

Qos | Qae | Qop | Qoa

OLDER SURFICIAL SEDIMENTS

Unconsolidated to weakly consolidated alluvial sediments, dissected where elevated; age, late Pleistocene

Qos *Old sand dune deposits*
Qae *Alluvial gravel, sand, and clay, slightly elevated and dissected*
Qop *Paleosol in Baldwin Hills (Fox Hills paleosol of Weber et al., 1982) gray to rusty brown, sandy, locally pebbly, moderately indurated "hardpan" on* **Qoa**
Qoa *Older alluvium of gray to light brown pebble-gravel, sand, and silt-clay, elevated and dissected; in Baldwin Hills designated as Baldwin Hills sandy gravel by Weber et al., 1982, where it is much dissected and eroded*

GEOLOGIC MAP OF THE VENICE and INGLEWOOD QUADRANGLES

LOS ANGELES COUNTY, CALIFORNIA

BY THOMAS W. DIBBLEE, JR., 2007

EDITED BY JOHN A. MINCH

Dibblee Geology Center Map #DF-322: First Printing, May 2007
SANTA BARBARA MUSEUM OF NATURAL HISTORY
2559 PUESTA DEL SOL ROAD, SANTA BARBARA, CA 93105
HTTP://WWW.SBNATURE.ORG/

N

Geolabs WV

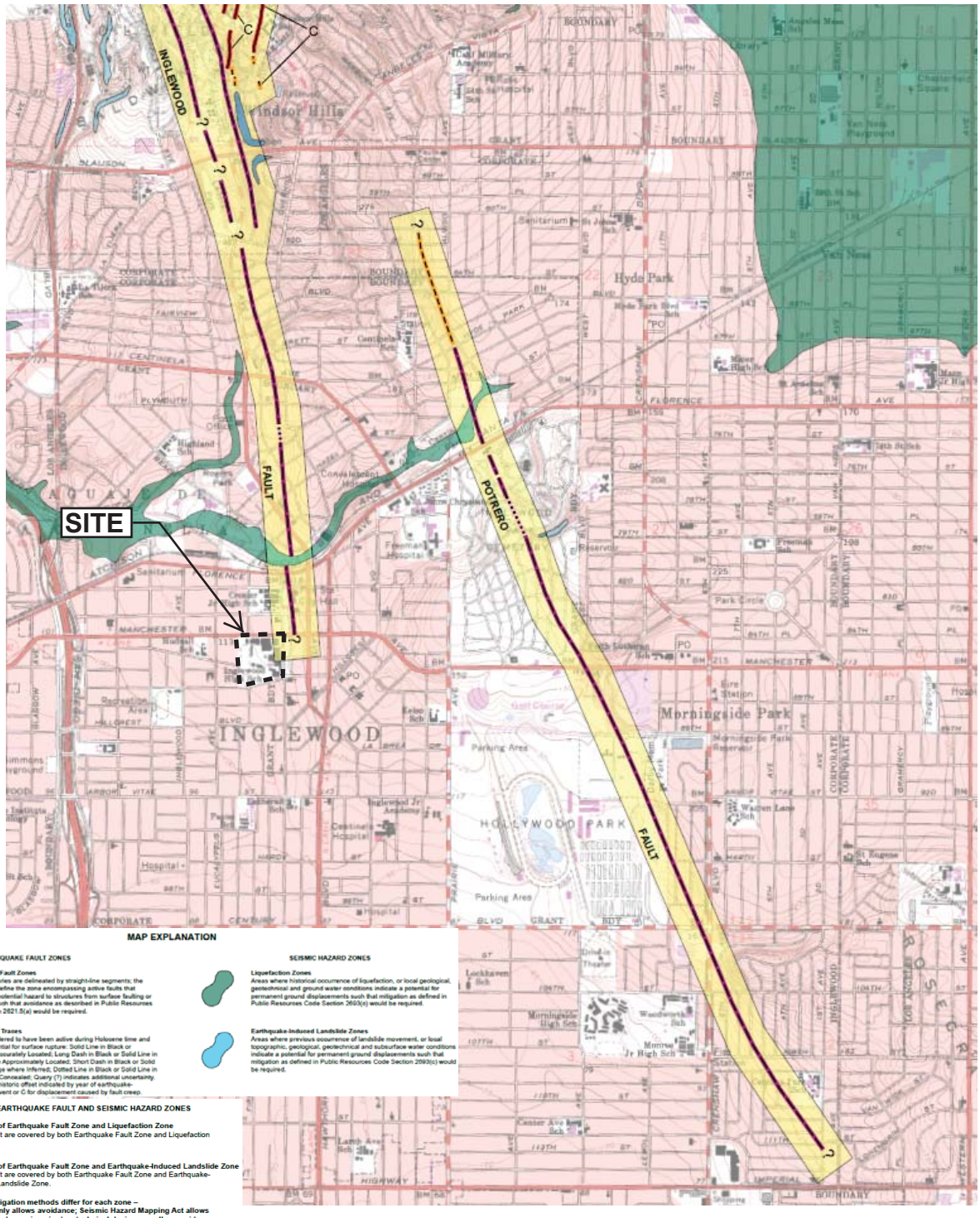
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DATE 09/2024 BY SDF

SCALE NTS W.O. 9711

PLATE 4

EARTHQUAKE ZONES OF REQUIRED INVESTIGATION MAP



MAP EXPLANATION

EARTHQUAKE FAULT ZONES

Earthquake Fault Zones
Zone boundaries are delineated by straight-line segments; the boundaries define the zone encompassing active faults that constitute a potential hazard to structures from surface faulting or fault creep such that avoidance as described in Public Resources Code Section 2621.5(a) would be required.

Active Fault Traces
Faults considered to have been active during Holocene time and to have potential for surface rupture: Solid Line in Black or Red where Accurately Located; Long Dash in Black or Solid Line in Purple where Approximately Located; Short Dash in Black or Solid Line in Orange where Inferred; Dotted Line in Black or Solid Line in Rose where Concealed; Query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.

SEISMIC HAZARD ZONES

Liquefaction Zones
Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

Earthquake-Induced Landslide Zones
Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

OVERLAPPING EARTHQUAKE FAULT AND SEISMIC HAZARD ZONES

Overlap of Earthquake Fault Zone and Liquefaction Zone
Areas that are covered by both Earthquake Fault Zone and Liquefaction Zone.

Overlap of Earthquake Fault Zone and Earthquake-Induced Landslide Zone
Areas that are covered by both Earthquake Fault Zone and Earthquake-Induced Landslide Zone.

Note: Mitigation methods differ for each zone – AP Act only allows avoidance; Seismic Hazard Mapping Act allows mitigation by engineering/geotechnical design as well as avoidance.

INGLEWOOD QUADRANGLE

EARTHQUAKE FAULT ZONES	SEISMIC HAZARD ZONES
Delineated in compliance with Chapter 7.5 Division 2 of the California Public Resources Code (Alquist-Priolo Earthquake Fault Zoning Act)	Delineated in compliance with Chapter 7.8 Division 2 of the California Public Resources Code (Seismic Hazards Mapping Act)
REVISED OFFICIAL MAP	OFFICIAL MAP
Released: July 1, 1986	Released: March 25, 1999
STATE GEOLOGIST	STATE GEOLOGIST

Reference Map is a Portion of :

Earthquake Zones of Required Investigation
Inglewood Quadrangle

California Geological Survey

This Map Shows Both Alquist-Priolo Earthquake Fault Zones And Seismic Hazard Zones Issued For The Inglewood Quadrangle

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GEOLOGY AND SOIL ENGINEERING

DATE	09/2024	BY	SDF
SCALE	NTS	W.O.	9711

PLATE 5

HISTORIC HIGH GROUNDWATER LEVELS

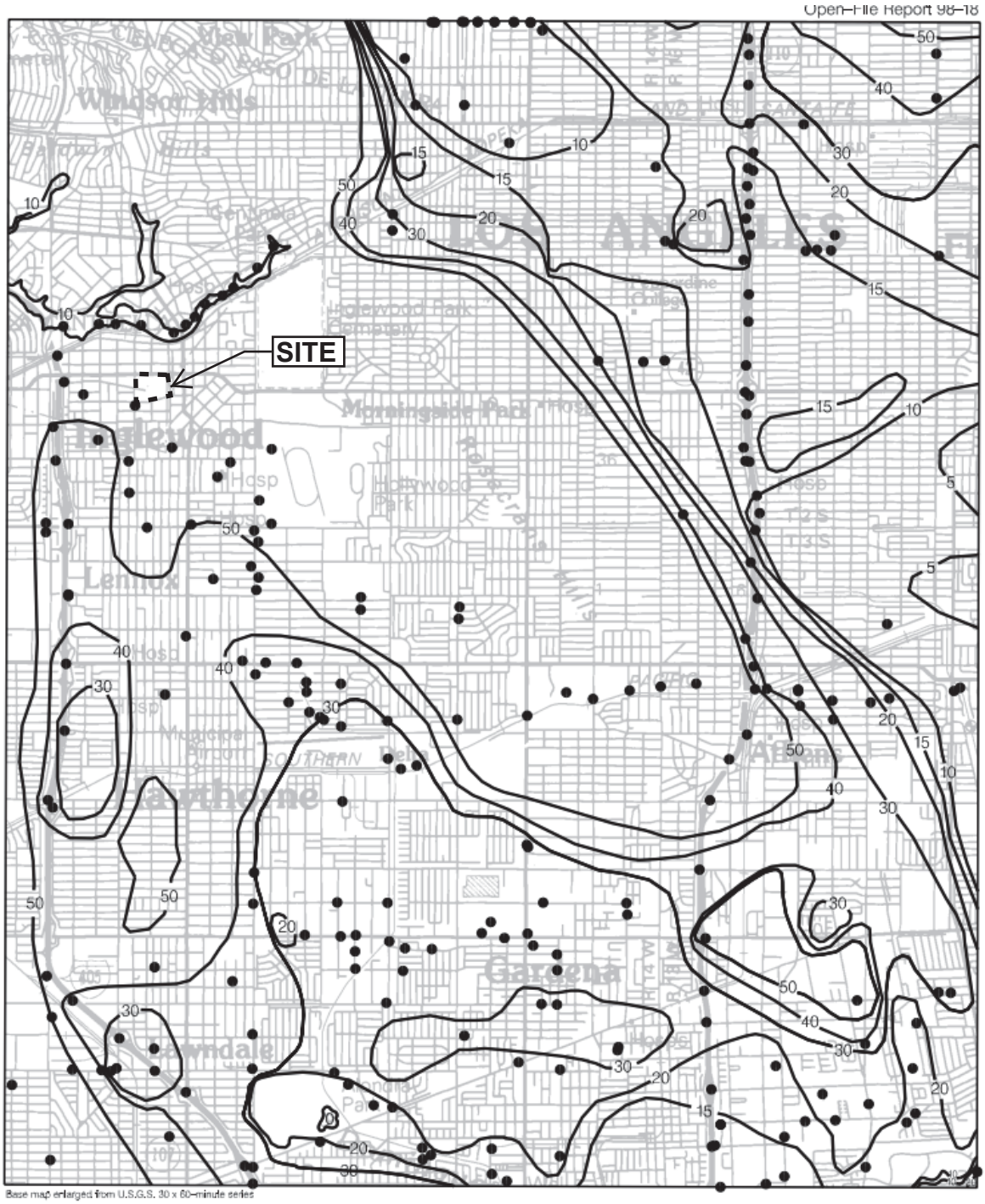


Plate 1.2 Historically Highest Ground Water Contours and Borehole Log Data Locations, Inglewood Quadrangle.

● Borehole Site

30 Depth to ground water in feet

ONE MILE
SCALE

DEPARTMENT OF CONSERVATION
Division of Mines and Geology

Reference Map is a Portion of :

SEISMIC HAZARD ZONE REPORT FOR THE INGLEWOOD 7.5-MINUTE QUADRANGLE, LOS ANGELES COUNTY, CALIFORNIA

1998

SEISMIC HAZARD ZONE REPORT 027

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DATE 09/2024 BY SDF
SCALE NTS W.O. 9711

PLATE 6

APPENDIX A

Boring Logs and CPT Logs

August 5, 2024
W.O. 9711.002
Revised September 25, 2024

SUBSURFACE DATA **BORING LOG :** B-1

WO:	9711.002	**RIG TYPE:** H S A				**DATE:**	6/7/2024
CLIENT:	Inglewood High	**HAMMER TYPE:** Auto	**HAMMER DROP(IN.):** 30 inches			**GEOLOGIST:**	JN
PROJECT:	Site Improvements	**HAMMER WEIGHTS:** 140 lbs.				**ELEVATION:**	±118'
LOCATION:	Inglewood High					**DRILLING CO.:**	2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0			X			**0' - 1' LANDSCAPE FILL (af):** Grass over brown silty fine to medium SAND (SM) with scattered gravel, moist.	Bulk 0-5'
			X				
			X			**1' - 27.5' LAKEWOOD FORMATION (Qlw):**	
			X				
			X				
5	4/8/7	C	X	11.4	124.0	@5' - Light grayish brown silty fine to medium SAND (SM), weathered, poorly graded, very moist, medium dense.	Hand augered to 5'
10	15/22/25	C		12.0	120.9	@10' - Light grayish brown tan weathered oxidated silty fine to medium SAND (SM), dense, very moist, mica-rich.	
12.5	6/7/8		S			@12.5' Orangish light brown silty fine SAND (SM) with clay, moist, poorly graded, medium dense.	
15	10/15/20	C		15.5	115.2	@15' - Light brown and tan silty fine SAND (SM), poorly graded, moist to very moist, dense, mica-rich, manganese throughout.	
17.5	6/9/9		S			@17' - Light yellow silty medium SAND (SM) over 4" fine-SAND with CLAY (SP-SC), very moist, slightly friable, poorly graded, medium dense.	
20						@20' - Sandy to clayey cuttings.	
22.5	5/18/25	C		15.5	115.1	@22.5' - Light yellowish-orangish brown silty SAND (SM) with clay to clayey SAND (SC), moist, dense, slightly plastic, poorly graded, weathered, manganese and orange oxidation common, infilled roothairs, some laminations.	
25							
27.5	20/28/43	C		5.7	107.0	@27.5' - Tan fine to medium SAND (SP), slightly moist, graded, dense.	
30							
35						TOTAL DEPTH 27.5' No Groundwater No Caving Backfill with cuttings	
40							
45							

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/10/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±116'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0			X			**0' - 1' LANDSCAPE FILL (af):** ±5" Asphalt over ±3" base, over light brown silty fine to medium SAND (SM).	Bulk 0-5'
			X				
			X			**1' - 50' LAKEWOOD FORMATION (Qlw):**	
			X				
			X				
5	3/4/5	C	X	9.8	120.1	@5' - Light brown fine to medium SAND (SP), with silt and coarse scattered sand, poorly graded, loose, moist.	
10	4/4/4		S			@10' - Light yellowish tan fine to medium SAND (SP) with clay, over clayey SAND (SC), poorly graded, loose, moist.	
12.5	17/21/35	C		18.5	114.3	@12.5' - Light reddish brown silty fine SAND (SM), poorly graded, dense, moist, weathered, manganese throughout.	
15	6/7/10		S			@15' - Light reddish clayey fine SAND (SC), poorly graded, moist, slightly plastic.	
17.5	7/13/23	C		16.7	114.8	@17.5' - Light brown and light gray silty fine SAND(SM) with trace clay and clayey SAND (SC), poorly graded, dense, moist with mica and manganese, over fine SAND (SP).	
20	9/11/15		S			@20' - Light yellowish tan fine to medium SAND (SP), poorly graded, medium dense, moist, slightly friable.	
25	11/20/26	C		16.8	113.8	@25' - Weathered, light yellowish brown and orange fine to coarse sandy CLAY (SC), very stiff, slightly to non-plastic, manganese.	
30	13/18/20		S			@30' - Tan fine SAND (SP), slightly friable, poorly graded, moist, dense.	
35	15/35/50	C		15.9	115.3	@35' - Light gray and orange very silty fine SAND (SM), poorly graded, very dense, moist, orange oxidation staining, Mn with dendritic pattern between layers.	
40	4/5/10		S			@40' - Inter-layered horizontal light orange and light grayish tan layers of CLAY (CL) and silty very fine SAND (SM), poorly graded, stiff, moist, slightly plastic.	

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

SUBSURFACE DATA

BORING LOG : B-2

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/10/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±116'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
45	17/40/50-5	C		13.3	106.6	@45' - Light yellowish brown tan, silty fine SAND (SM) over fine SAND (SP) poorly graded, very dense, moist, some weathering oxidation staining.	
50	12/22/33		S			@50' - Light grayish light brown silty fine SAND (SM), poorly graded, dense, moist, some oxidation.	
55						TOTAL DEPTH 50' No Caving No Groundwater Backfilled with cuttings	
60							
65							
70							
75							
80							
85							

ADDITIONAL COMMENTS:

C = Modified California Sam U = Undisturbed Sample
S = Standard Penetration Te B = Disturbed Sample
N = Field Blowcount X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/7/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** SDF/JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±116'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0						**0' - 2' ARTIFICIAL FILL (af):**	
						@0.5" - Asphalt over dark brown silty fine SAND (SM), slightly moist, poorly graded.	
						2' - 25' LAKEWOOD FORMATION (Qlw):	
5	2/3/2		S			@5' - Medium brown silty SAND (SM), loose, poorly graded, slightly moist.	
7.5						@7.5' - Light brown silty SAND (SM) with coarse scattered sand, slightly moist.	
						@9.5' - Fine to medium SAND (SM).	
10	3/4/5		S				
12.5	3/5/9		S			@12.5' - Light brown silty fine to medium SAND (SM) with scattered coarse sand and fine gravel, loose, poorly graded.	
15	7/11/16		S			@15' - Orangish (4") medium SAND (SP) over light gray sandy SILT (ML) medium dense, moist.	
17.5	6/7/11		S			@17.5 - Medium brown silty SAND (SM) with trace clay, damp.	
20	8/11/13		S			@20' - Light brown silty SAND to SAND (SM/SP), medium dense, moist, poorly graded.	
22.5	7/8/11		S			@22.5' - Silty SAND with trace clay and abundant mica, moist, medium dense.	
						@23.5' - Brown clayey SAND (SC), moist, poorly graded, Mn dendritic pattern, and oxidation staining.	
25	7/10/12		S			@25' - Sandy SILT (ML), poorly graded, medium dense, moist, oxidation and Manganese dendritic pattern.	
27.5							
30							
35						TOTAL DEPTH 25' (deepened to 26' to provide bentonite cap at bottom) No Groundwater No Caving Construct Infiltration Well	
40							

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

SUBSURFACE DATA **BORING LOG :** PT-2

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/7/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** SDF/JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±115.8'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0						**0' - 25' LAKEWOOD FORMATION (Qlw):** Grass - Hand auger to 5'	
5	3/3/3		S			@5' - Light brown silty SAND (SM), poorly graded, loose, moist.	
10	5/6/7		S			@10' - Grayish brown, orange and tan silty SAND (SM) with fine to coarse sand, medium dense.	
12.5	8/14/16		S			@12.5' - Medium brown sandy SILT(ML), poorly graded, medium dense, moist.	
15	6/8/12		S			@15' - Same as @12.5', medium dense.	
17.5	8/11/11		S			@17.5' - Orangish brown fine to coarse SAND (SP), medium dense, moist.	
20	11/14/16		S			@20' - Same as @ 17.5'.	
22.5	6/5/6		S			@22.5' - Gray to grayish brown clayey fine SAND (SC) interlayered with fine sand, medium dense, moist.	
25	6/10/11		S			@25' - Light yellowish brown and orange sandy CLAY (CL) and clayey SAND (SC).	
30							
35						TOTAL DEPTH 25' (deepened to 26' to provide bentonite cap at bottom) No Groundwater No Caving Construct Infiltration Well	
40							

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

SUBSURFACE DATA **BORING LOG :** PT-3

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/7/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±118.5'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0						**0' - 1' LANDSCAPE FILL (af):** Grass (lawn) over light grayish brown silty SAND (SM), dry.	
						1' - 25' LAKEWOOD FORMATION (Qlw):	
5	3/5/6		S			@5' - Light brown silty fine to medium SAND (SM), poorly graded, loose, very moist.	
10	7/10/12		S			@10' - Light brown fine to coarse SAND (SW-SP), moderately graded, medium dense, moist over bottom 3", silty fine SAND.	
12.5	4/7/9		S			@12.5' - Light brown silty fine to medium SAND (SM) with clay, pooly graded, loose, moist.	
15	4/6/9		S			@15' - Same as @12.5', very moist, loose.	
17.5	7/7/6		S			@17.5' - Silty fine SAND (SM), poorly graded, loose, very moist, mica rich, light yellowish brown, bottom 4" very silty fine SAND (SM) with clay.	
20	6/8/10		S			@20' - Light brown clay fine SAND (SC) medium dense, poorly graded, slightly plastic, very moist, Mn stain/fine rootlets/burrows.	
22.5	5/6/10		S			@22.5' - Light yellowish light brown, silty fine SAND (SM), poorly graded loose, moist, non plastic, some Mn flakes/staining, some weathered surfaces.	
25	4/7/8		S			@25' - Light yellowish to pale yellow silty fine SAND (SM), poorly graded, loose, moist, Mn infilled burrows or roothair casts/dendrite-like.	
30							
35						TOTAL DEPTH 25' (deepened to 26' to provide bentonite cap at bottom) No Groundwater No Caving Construct Infiltration Well	
40							

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/10/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±119'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0						**0' - 1' LANDSCAPE FILL (af)**: Grass over light brown silty fine to medium SAND (SM), moist to very moist.	HA to 5'
						1' - 5' LAKEWOOD FORMATION (Qlw):	
			X			@4' - Light reddish brown silty fine to medium SAND (SM), very moist, poorly graded.	Med. Bulk 4-5'
5			X				
10							
12.5							
15						TOTAL DEPTH 5' (deepened to 6' to provide bentonite cap at bottom) No Caving No Groundwater Construct Infiltration Well	
17.5							
20							
22.5							
25							
27.5							
30							
35							
40							

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/10/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±118.6'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0						**0' - 1' LANDSCAPE FILL (af):** Grass over silty fine to medium SAND (SM), moist to very moist.	HA to 5'
						1' - 5' LAKEWOOD FORMATION (Qlw):	
			X			@4' - Light reddish brown silty fine to medium SAND (SM), moist, poorly graded.	Med. Bulk 4-5'
5			X				
10							
12.5							
15						TOTAL DEPTH 5' (deepened to 6' to provide bentonite cap at bottom) No Caving No Groundwater Construct Infiltration Well	
17.5							
20							
22.5							
25							
27.5							
30							
35							
40							

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 6/10/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** JN
PROJECT: Site Improvements	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±118.4'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0						**0' - 1' LANDSCAPE FILL (af):** Grass over light brown silty fine to medium SAND (SM), moist.	HA to 5'
						1' - 5' LAKEWOOD FORMATION (Qlw):	
			X			@4' - Light reddish brown silty fine to medium SAND (SM), very moist.	Med. Bulk 4-5'
5			X				
10							
12.5							
15						TOTAL DEPTH 5' (deepened to 6' to provide bentonite cap at bottom)	
						No Caving	
17.5						No Groundwater	
						Construct Infiltration Well	
20							
22.5							
25							
27.5							
30							
35							
40							

ADDITIONAL COMMENTS:

C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

WO: 9711.002	**RIG TYPE:** H S A		**DATE:** 9/12/2024
CLIENT: Inglewood High	**HAMMER TYPE:** Auto **HAMMER DROP(IN.):** 30 inches		**GEOLOGIST:** SDF
PROJECT: Infiltration	**HAMMER WEIGHTS:** 140 lbs.		**ELEVATION:** ±114'
LOCATION: Inglewood High			**DRILLING CO.:** 2R Drilling

	N	U	B	M	DD	DESCRIPTION	COMMENTS
0						4" asphalt/10" base @0-31' - Alluvium (Qal) @0-5' - Silty SAND (SM), dark brown, fine grained, minor gravel, damp.	
5						@5' - Silty SAND (SM), dark brown, fine grained, minor gravel, damp, lightens to medium brown from 5'-10'.	
10	6/6/9		S			@10' - Silty SAND (SM), light orangish brown, well graded, fine to medium grained, moist, loose.	
12.5	7/8/12		S			@12.5' - silty SAND (SM), medium gray to orangish brown, well graded, fine to medium grained, moist, medium dense.	
15	4/10/22		S			@15' - Silty to clayey SAND (SM-SC), medium brown, fine grained, with 3" thick clay to sandy clay layer, moist, dense.	
17.5	5/6/8		S			@17.5' - Interlayered clayey SAND (SC), sandy CLAY (CL), and silty SAND (SM), medium brown, small black and red oxide stains, medium dense (stiff).	
20	6/8/12		S			@20' - Same as above.	
22.5	10/16/16		S			@22.5' - SAND (SW), medium brown, well graded, fine to medium grained, damp, dense.	
25	6/4/9		S			@25' -Silty SAND (SM), light gray to light brown, moist, loose, fine to medium grained.	
27.5	5/7/11		S			@27.5' - Clayey SAND (SC), medium brown, fine to medium grained, with black and red oxides, damp, medium dense.	
30	8/11/21		S			@30' - Silty SAND (SM), medium brown, fine grained with black and red oxides, very stiff, lower 4" of sample is SAND (SP), orangish brown, medium grained, poorly graded, dense.	
35						TOTAL DEPTH 31' Developed as infiltration boring. 12" bentonite plug at bottom.	
40							

ADDITIONAL COMMENTS:

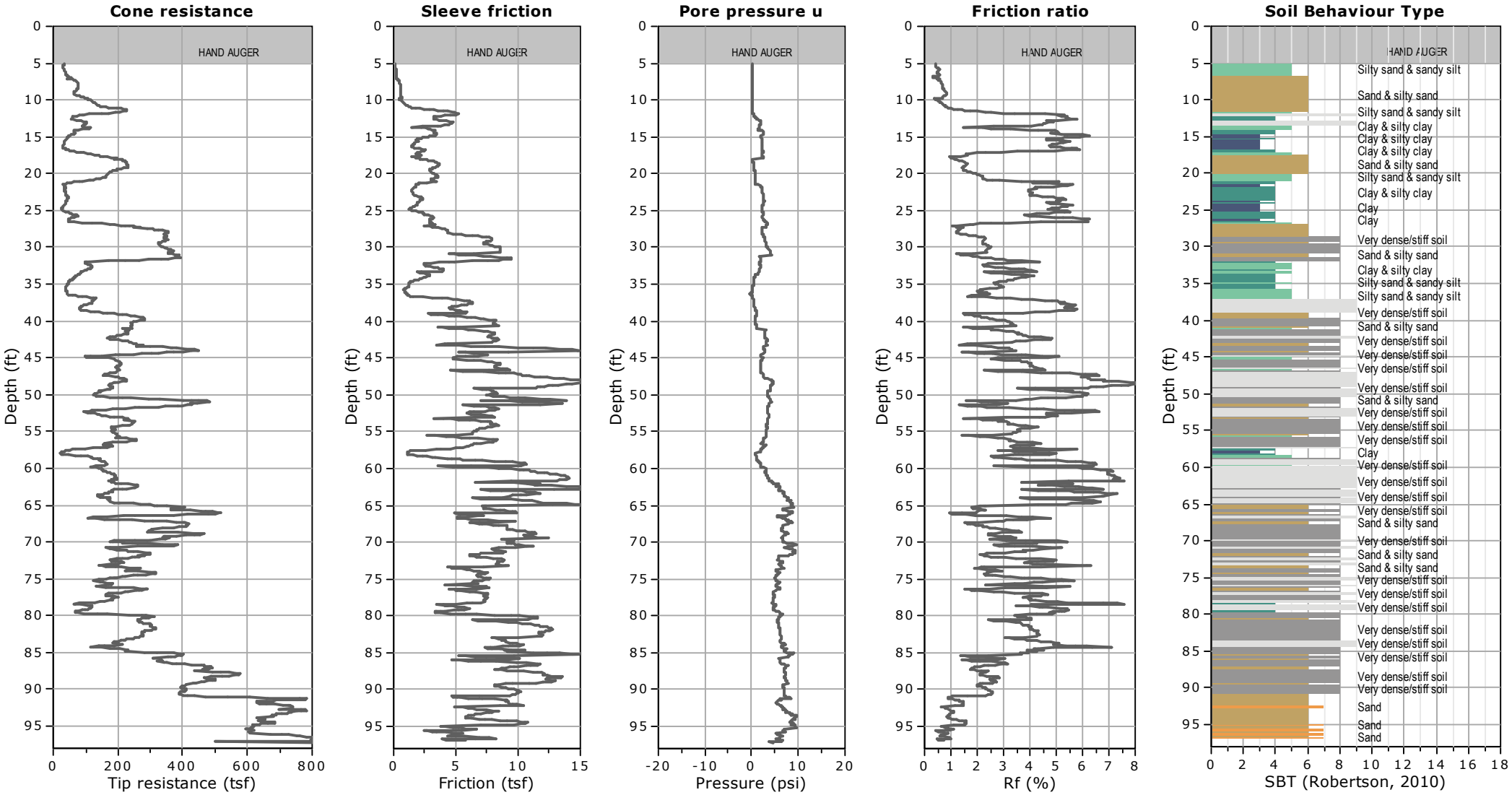
C = Modified California Sample
S = Standard Penetration Test
N = Field Blowcount

U = Undisturbed Sample
B = Disturbed Sample
X = Disturbed Bulk Sample
M = Moisture %
DD = Dry Density (pcf)

Kehoe Testing and Engineering
714-901-7270
steve@kehoetesting.com
www.kehoetesting.com

Project: **Geolabs - Westlake Village / Inglewood High School**
Location: **231 S. Grevillea Ave, Inglewood, CA**

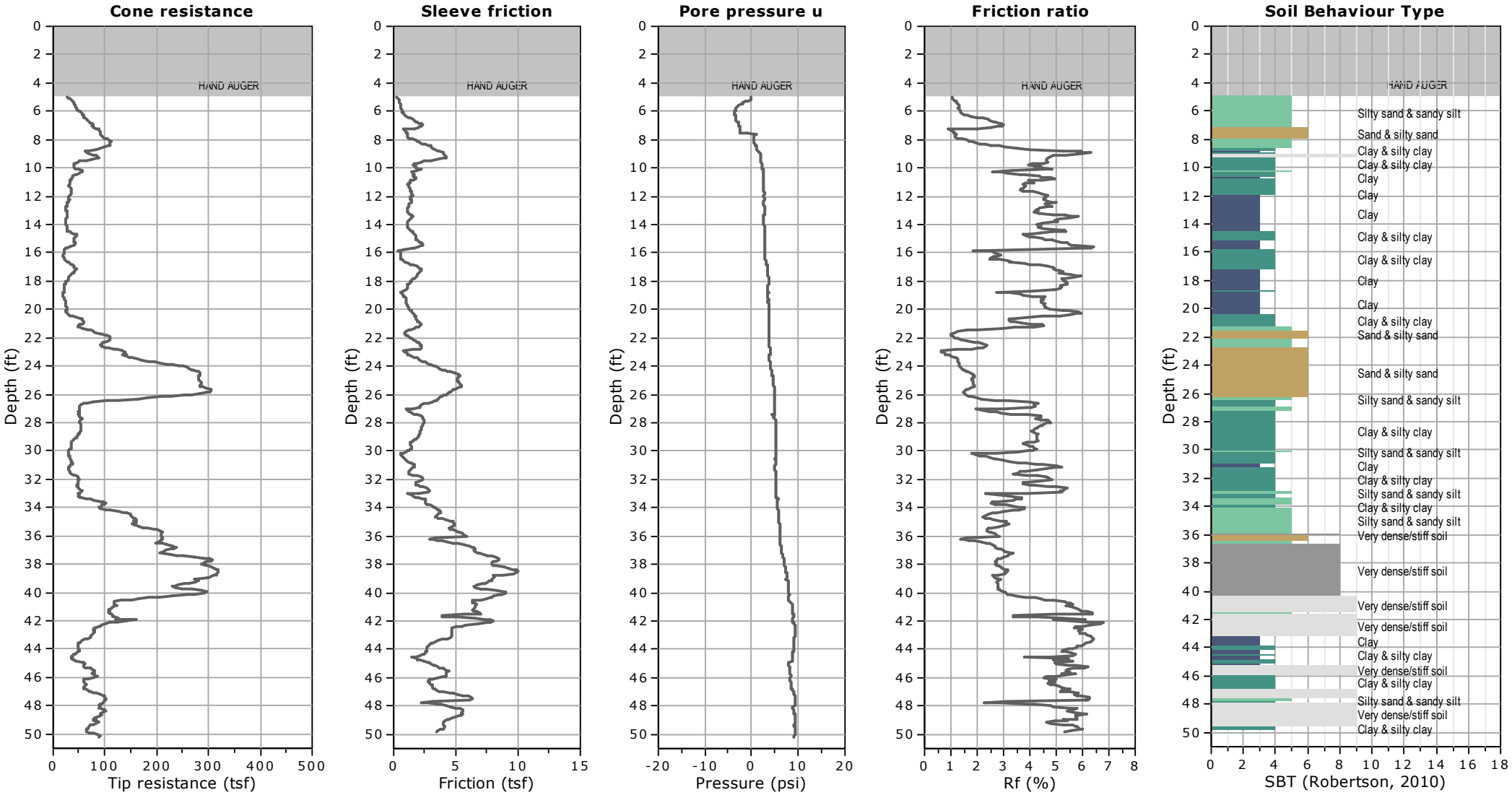
CPT-1
Total depth: 97.25 ft, Date: 6/7/2024



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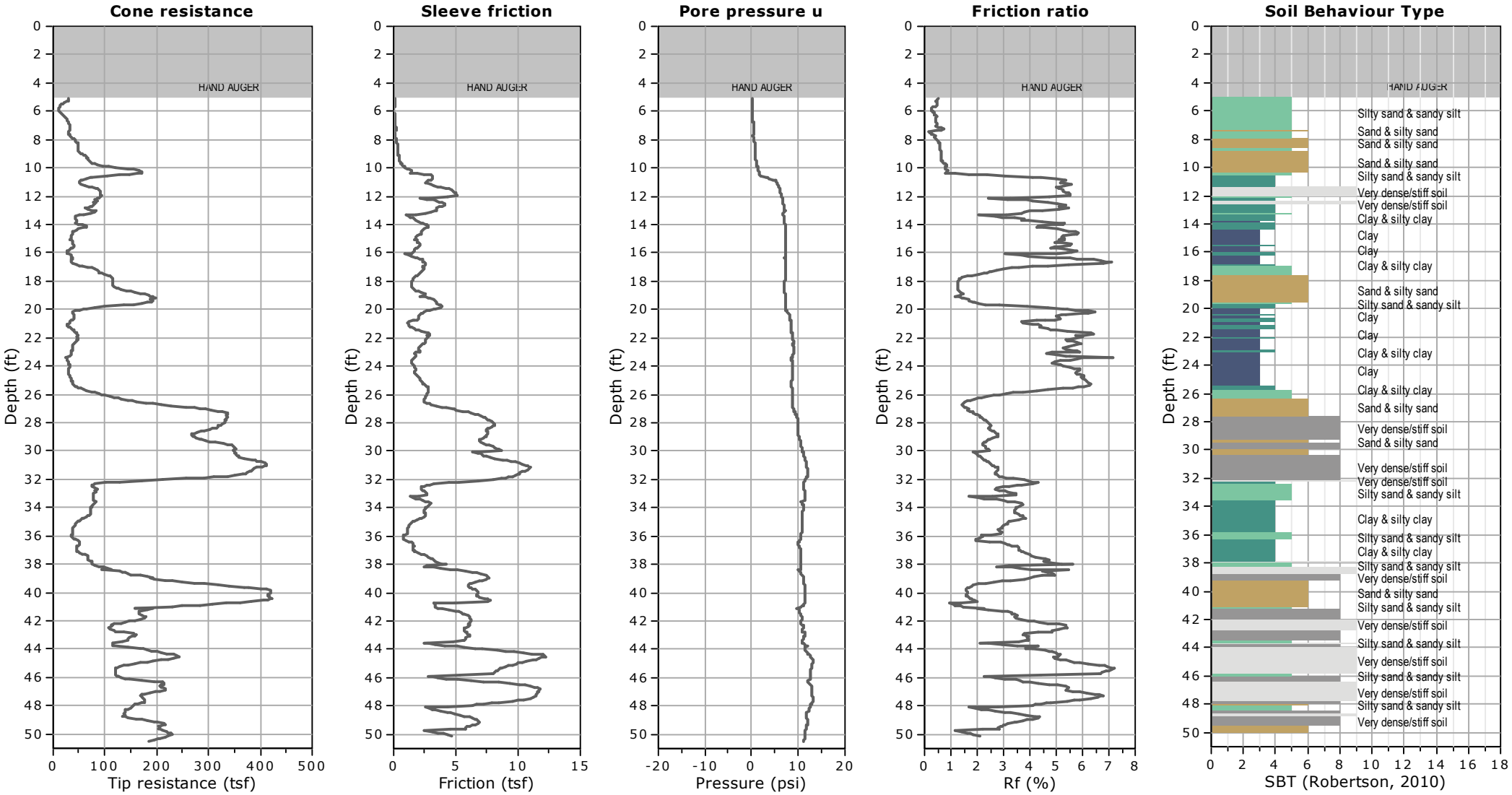
CPT-2
Total depth: 50.21 ft, Date: 6/7/2024



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Project: **Geolabs - Westlake Village / Inglewood High School**
Location: **231 S. Grevillea Ave, Inglewood, CA**

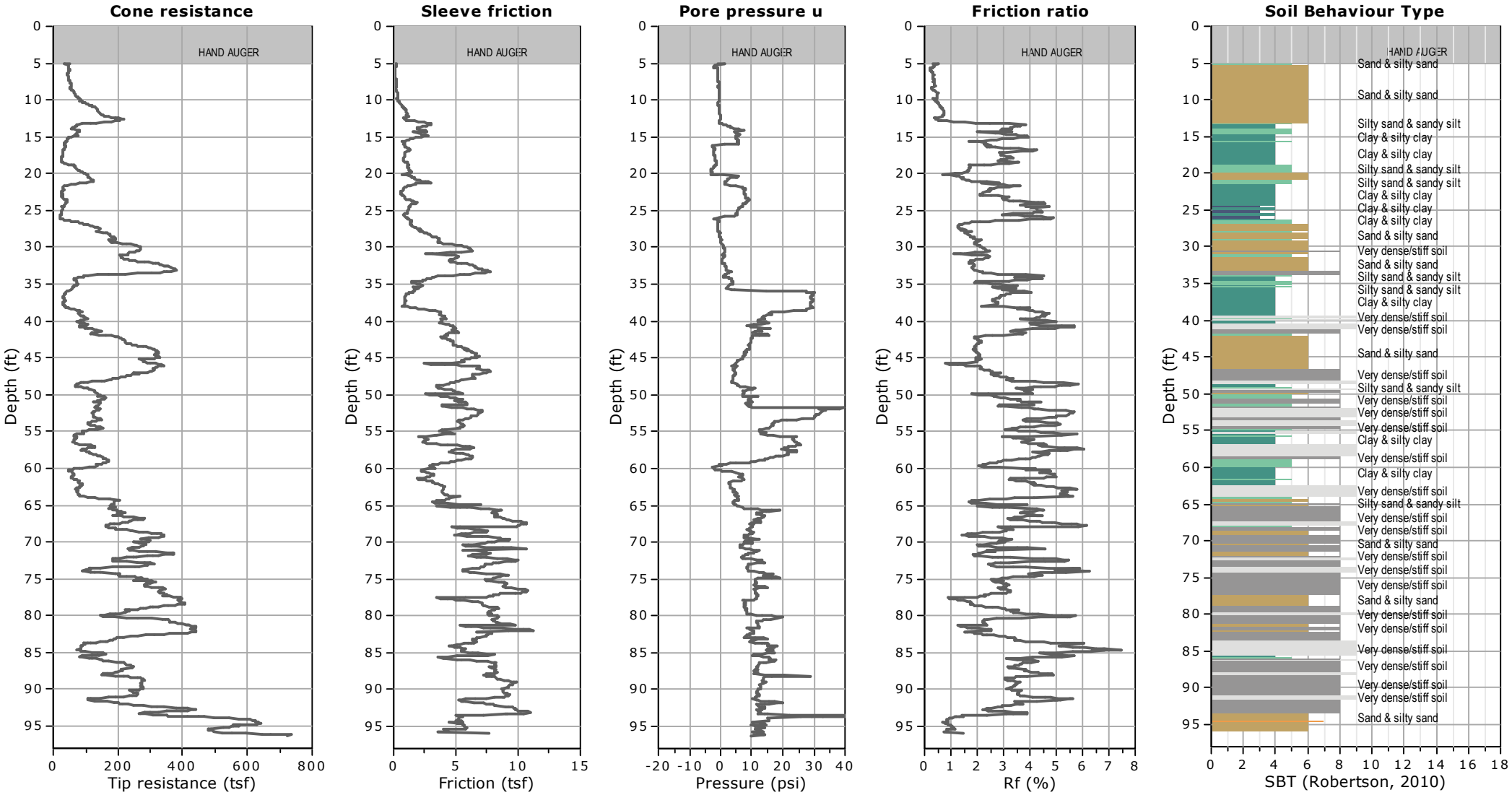
CPT-3
Total depth: 50.48 ft, Date: 6/7/2024



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Project: **Geolabs - Westlake Village / Inglewood High School**
Location: **231 S. Grevillea Ave, Inglewood, CA**

CPT-4
Total depth: 96.27 ft, Date: 6/11/2024



Geolabs - Westlake Village
Inglewood High School
Inglewood, CA

CPT Shear Wave Measurements

Location	Tip Depth (ft)	Geophone Depth (ft)	Travel Distance (ft)	S-Wave Arrival (msec)	S-Wave Velocity from Surface (ft/sec)	Interval S-Wave Velocity (ft/sec)
CPT-4	5.05	4.05	4.52	5.10	886	
	10.07	9.07	9.29	12.08	769	684
	15.06	14.06	14.20	16.58	857	1092
	20.01	19.01	19.11	20.62	927	1216
	25.13	24.13	24.21	24.72	979	1243
	30.09	29.09	29.16	28.34	1029	1366
	35.07	34.07	34.13	32.00	1067	1358
	40.09	39.09	39.14	36.00	1087	1253
	45.11	44.11	44.16	39.82	1109	1313
	50.07	49.07	49.11	42.60	1153	1783
	55.12	54.12	54.16	45.92	1179	1520
	60.04	59.04	59.07	49.12	1203	1537
	65.03	64.03	64.06	52.56	1219	1450
	70.05	69.05	69.08	55.22	1251	1886
	75.13	74.13	74.16	57.90	1281	1895
	80.12	79.12	79.15	61.22	1293	1502
	85.10	84.10	84.12	64.02	1314	1778
	90.06	89.06	89.08	67.66	1317	1362
	95.08	94.08	94.10	70.44	1336	1805
	96.26	95.26	95.28	71.20	1338	1552

Shear Wave Source Offset - 2 ft

S-Wave Velocity from Surface = Travel Distance/S-Wave Arrival
Interval S-Wave Velocity = (Travel Dist2-Travel Dist1)/(Time2-Time1)

BORING LOG NUMBER 1

Drilling Date: 08/28/01 **Approximate Elevation: 115'**

Project: File No. 17959-S **Inglewood Unified School District**

ple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt, No Base
				0 --		FILL: Silty Sand, mottled medium brown and orange brown, slightly moist to moist, dense, fine grained, very silty
				1 --		
2	4	9.6	114.4	2 --	SM	Silty Sand, medium brown, moist, medium dense, fine grained with trace medium grained
				3 --		
4	12	9.5	121.3	4 --		medium to reddish brown, fine to medium grained
				5 --		
				6 --		
7	35	8.6	125.0	7 --		light brown to brown, dense, less silty
				8 --		
				9 --		
10	40	9.0	110.1	10 --		light brown, dense to very dense, less silty
				11 --		
				12 --		
				13 --		
				14 --		
15	22 50/6"	16.0	118.4	15 --	ML	Sandy Silt, medium brown orange brown and grayish brown, slightly moist to moist, stiff, crudely layered, clay binder
				16 --		
				17 --		
				18 --		
				19 --		
20	70	17.3	115.6	20 --	SC/CL	brown, moist, firm
				21 --		Clayey Sand to Sandy Clay, brown with orange staining, moist, dense to firm, fine grained
				22 --		
				23 --		
				24 --		
25	25 50/6"	13.7	120.0	25 --	SM	Silty Sand, light brown and gray with orange staining, very dense, fine grained, very silty
				26 --		
				27 --		
				28 --		Sand, light brown, slightly moist, dense, fine grained
				29 --	SP	
					ML	Sandy Silt, light brown, moist, stiff
30	74	22.0	96.6	30 --		Total depth: 30 feet; No Water; Fill to 2 feet

BORING LOG NUMBER 2

Drilling Date: 08/28/01 **Approximate Elevation: 115'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - Poor Condition over 3-inch Base
				0		FILL: Silty Sand, mottled medium brown and orange brown, slightly moist to moist, dense, fine grained
1	46	7.4	121.0	1		some gravel, fine to coarse grained
				2		
3	24	8.7	121.9	3		Silty Sand, medium brown, moist, dense, fine grained, very silty
				4		
5	26	9.1	123.1	5		some debris, mottled medium brown and brown, fine to medium grained
				6		
7	57	6.4	119.7	7	SM	Silty Sand, light brown, moist, dense to very dense, fine to coarse grained
				8		
				9		
10	85	14.5	116.6	10		less Silty, very dense, some orange staining
				11		
				12		
				13		
				14		
15	45 50/5"	9.7	112.6	15	ML	Sandy Silt, orange brown and gray, moist, stiff
				16		medium brown with orange staining
				17		
				18		
				19		
20	25 50/6"	17.4	114.4	20	SM	Silty Sand, brown, moist, very dense, fine grained
				21		
				22		
				23		
				24	CL	Sandy Clay, brown, moist, stiff
25	38 50/6"	8.7	119.2	25		Total depth: 25 feet No Water Fill to 7 feet
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 3

Drilling Date: 08/28/01 **Approximate Elevation: 114'**

Project: File No. 17959-S **Inglewood Unified School District**

ıple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - Poor Condition, No Base
				0 --		FILL: Silty Sand to Sandy Silt, brown, moist, dense, fine to medium grained
				1 --		
2	18	8.7	119.2	2 --	SM	Silty Sand to Sandy silt, medium brown, moist, very dense, fine to medium grained
				3 --		brick fragments
4	11	9.8	119.8	4 --		Silty Sand, medium brown, moist, dense, fine to medium grained
				5 --		medium to reddish brown
				6 --		
7	29	8.4	122.6	7 --		brown to medium brown, some coarse grained, more moist
				8 --		
				9 --		
10	35	6.8	112.3	10 --	SM/SW	Silty Sand to Sand, light brown, moist, dense, fine to coarse grained
				11 --		
12	65	8.7	114.1	12 --		some gravel
				13 --		
				14 --		
15	30 50/5"	19.4	112.7	15 --	ML	Sandy Silt, gray and orange brown, moist, firm
				16 --		medium brown, very sandy
				17 --		
				18 --		
				19 --		Clayey Silt, brown to medium brown, moist to very moist, firm
20	43 50/5"	18.8	114.2	20 --	SM	Silty Sand, brown to medium brown, very moist, dense, fine grained
				21 --		Total depth: 20 feet No Water Fill to 2 feet
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 4

Drilling Date: 08/28/01 **Approximate Elevation: 113'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 1-inch Asphalt - Poor Condition, 4-inch Concrete, No Base
				0		FILL: Silty Sand to Sandy Silt, slight Clay binder, medium brown, moist, medium dense to dense, fine grained with some medium grained
1	13	9.0	119.8	1	SM	Silty Sand, medium brown, moist, dense, fine grained
				2		
3	6	10.3	119.3	3		very Silty, medium dense to dense
				4		
5	12	9.7	120.7	5		brown to medium brown, more moist
				6		
7	43	9.7	124.7	7		slightly more Silty, brown, dense, fine to medium grained
				8		
				9		
10	50	13.5	119.0	10		Clay binder, fine grained
				11		less Clay and Silt, fine grained with trace medium and coarse grained
				12		
				13		
				14		
15	86	14.3	120.2	15	SM/ML	Silty Sand to Sandy Silt, brown, very moist, dense to stiff, fine grained
				16		
17	58	16.0	117.4	17	SC	Clayey Sand, medium brown with orange and red staining, moist, dense, fine grained
				18		
				19		
20	25 50/5"	14.8	119.5	20	SM	light brown to brown Silty Sand, light brown to brown, moist, very dense, fine to medium grained
				21		
				22		
				23		
				24		
25	85	17.1	117.0	25	ML CL	Clayey Silt, brown, moist, firm Sandy Clay, brown, moist, stiff
				26		
				27		
				28		
				29	ML	Sandy Silt, light brown to brown, very moist, stiff
30	50 50/5"	20.2	117.5	30		Total depth: 30 feet; No Water; Fill to 1 foot

BORING LOG NUMBER 5

Drilling Date: 08/28/01 **Approximate Elevation: 113.5'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - Poor Condition, No Base
				0		FILL: Sandy Silt, medium brown, slightly moist, stiff, some gravel sized concrete fragments
				1		Silty Sand, medium brown, moist, dense, fine to medium grained
2	10	9.3	118.8	2	SM	Silty Sand, medium brown, moist, dense, fine grained, some medium grained, very Silty
				3		
4	19	9.5	120.4	4		slightly more moist
				5		
				6		
7	46 50/5"	10.5	125.9	7		light brown to brown, very moist, very dense, fine to medium grained
				8		
				9		
10	22 50/6"	5.5	116.4	10	SM/SW	Silty Sand to Sand, light brown to brown, moist, very dense, fine to coarse grained
				11		
				12		
				13		
				14	SM	Silty Sand, brown, moist, very dense, fine grained
15	65	13.3	120.4	15	SC	Clayey Sand, medium brown with orange staining, moist, very dense, fine grained
				16		
				17		
				18		
				19	SP	Sand, light brown, very moist, very dense, fine grained
20	41 50/6"	7.6	108.0	20		Total depth: 20 feet No Water Fill to 2 feet
				21		
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 6

Drilling Date: 08/28/01 **Approximate Elevation: 112'**

Project: File No. 17959-S **Inglewood Unified School District**

ple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn
				0		FILL: Clayey Sand, medium brown, moist, dense, fine grained, brick fragments
1	13 50/4"	10.4	118.9	1		Silty Sand, medium brown, moist, dense, fine grained, asphalt fragment
				2		4-inch Asphalt layer
				3		
4	25	9.7	119.4	4	SM	Silty Sand, medium brown, slightly moist to moist, dense, fine to medium grained
5	26	9.1	129.1	5		
				6		brown to medium brown
7	30	6.3	111.9	7	SM/SW	Silty Sand to Sand, light brown, moist, dense to very dense, fine to coarse grained
				8		
				9		
10	72	9.4	108.6	10	SW	Sand, light brown, moist, very dense, fine to coarse grained
				11		
12	27 50/6"	10.5	117.1	12	SM	Silty Sand, brown, very moist to wet, very dense, fine grained
				13		
				14		
15	92	11.8	124.7	15	SM/SC	Silty Sand to Clayey Sand, brown, moist, very dense, fine to coarse grained
				16		
				17		
				18		
				19	SM	Silty Sand, brown to light brown, very moist, very dense, fine grained
20	25 50/6"	8.6	111.4	20		Total depth: 20 feet No Water Fill to 4 feet
				21		
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 7

Drilling Date: 08/28/01 **Approximate Elevation: 113'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn - Dry Grass
				0		FILL: Sandy Silt, medium brown, slightly moist, stiff
				1		
2	53 50/5"	3.0	112.0	2		brown, very stiff
				3		
4	50/5" 50/2"	4.2	117.9	4		
				5		
				6		
7	32 50/6"	7.1	121.8	7		
				8	SM	Silty Sand, grayish brown, moist, very dense, fine to coarse grained
				9		gray with orange staining, fine grained
10	55	10.4	111.7	10	SW	Sand, light brown, moist, very dense, fine to coarse grained
				11		
				12		
				13		
				14		
15	65	14.6	120.9	15	SC	Clayey Sand, medium brown with orange and red staining, moist, very dense, fine grained
				16		
17	75	15.3	118.2	17	ML	Sandy Silt, medium brown with orange staining, very moist, stiff
				18	SM	Silty Sand, brown, very moist, very dense, fine grained
				19		
20	25 50/6"	5.3	101.8	20	SP	Sand, light brown, moist, very dense, fine grained
				21		
				22		
				23		
				24		
25	66	17.5	116.8	25	SC	Clayey Sand, brown and orange brown, very moist, dense, fine grained
				26		
				27		
				28		
				29	ML	Sandy Silt with Clay binder, gray and orange brown, moist to very moist, firm to stiff
30	46 50/5"	17.5	115.4	30		Total depth: 30 feet; No Water; Fill to 7½ feet

BORING LOG NUMBER 8

Drilling Date: 08/28/01 **Approximate Elevation: 113'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 2-inch Asphalt - Fair Condition, No Base
				0		FILL: Sandy Silt, medium brown, slightly moist, dense, fine to coarse grained, some gravel
1	16	8.5	116.1	1	SM	Silty Sand, medium brown, slightly moist, fine grained, trace medium grained, medium dense
				2		
3	7	8.1	109.1	3		
				4		
5	18	9.0	119.3	5		more moist, reddish to medium brown, dense
				6		
7	30	8.0	120.4	7		
				8		
				9		brown
10	28	7.7	111.0	10	SM/SW	Silty Sand to Sand, light brown, moist, dense, fine to medium grained
				11		
				12		
				13		
				14		
15	67	16.0	117.6	15	ML	Sandy Silt with Clay binder, brown to medium brown with orange staining, moist, stiff
				16		
				17		
				18		
				19		brown, gray and orange brown, very moist, firm
20	51	19.1	111.8	20		medium brown with orange staining, firm to stiff
				21		Total depth: 20 feet No Water Fill to 6 inches
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 9 (continued)

Project: File No. 17959-S Inglewood Unified School District

...ple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description
				31 --		
				32 --		
32.5	57	21.3	96.9	33 --	ML/CL	Clayey Silt to Silty Clay, olive brown to yellow, moist, medium stiff to stiff
				34 --		
35	50/6"	3.1	SPT	35 --		
				36 --		
37.5	24 50/6"	4.6	105.1	37 --		
				38 --		fine Sand, yellow to light gray
				39 --		
40	49	4.4	SPT	40 --	SP/CL	Sand over Silty Clay, yellow brown to olive green, moist, dense to stiff
				41 --		
				42 --		
42.5	20 50/6"	20.8	101.6	43 --	SM/SP	Silty Sand to Sand, medium to yellow brown, moist, very dense, fine grained, some pebbles
				44 --		
45	49	19.7	SPT	45 --	ML/CL	Sandy Silt to Clayey Silt, yellow to greenish brown, moist, medium stiff to stiff, some rust staining
				46 --		
				47 --		
47.5	75/6"	12.8	111.3	48 --	ML	Sandy Silt, olive green, moist, very dense
				49 --		
50	30 50/6"	12.2	SPT	50 --		
				51 --		
				52 --		
52.5	75/6"	15.8	107.5	53 --	SP/ML	fine Sand to Sandy Silt or Clayey Silt, olive brown, moist, very dense to very stiff
				54 --		
55	20 50/6"	15.0	SPT	55 --	ML	Sandy Silt to Clayey Silt, olive brown, moist, very stiff
				56 --		
				57 --		
57.5	53	22.5	103.6	58 --	ML/CL	Sandy Silt to Sandy Clay, olive brown, moist, stiff
				59 --		
...0	41	14.3	SPT	60 --	ML	Sandy Silt, medium brown, moist, medium stiff to stiff, some rust staining Total Depth: 60 Feet; No Water; No Caving; Fill to 3 Feet

BORING LOG NUMBER 10

Drilling Date: 08/30/01 **Approximate Elevation: 112'**

Project: File No. 17959-S **Inglewood Unified School District**

nple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Grass
				0		FILL : Silty Sand, light brown, slightly moist, very dense, fine grained, with some medium and coarse grained, some gravel
1	36 50/4"	3.5	114.8	1		light brown to medium brown, some brick and asphalt fragments
				2		
3	11 50/4"	6.4	121.4	3		medium brown to reddish brown
				4		debris
5	31	7.5	118.0	5	SM	Silty Sand, medium brown, moist, dense, fine to medium grained, trace coarse grained
				6		
7	26	5.2	110.2	7	SM/SW	Silty Sand to Sand, light brown, moist to very most, dense, fine to medium grained
				8		
				9		
10	60	5.5	105.7	10		
				11		
				12		
				13		
				14		
15	75	16.1	117.0	15	SM/ML	Silty Sand to Sandy Silt with Clay binder, medium brown with orange staining, moist, very dense to stiff, fine grained
				16	SC/CL	Clayey Sand to Sandy Clay, medium brown with orange staining, moist, very dense to stiff, fine grained
17	45 50/6"	15.7	117.8	17		
				18	SM/ML	Silty Sand to Sandy Silt, orange brown, moist, very dense to stiff, fine grained
				19		very moist
20	80	13.5	119.1	20		Total depth: 20 feet No Water Fill to 5 feet
				21		
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 11

Drilling Date: 08/30/01 **Approximate Elevation: 112'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Grass
				0 --		FILL: Clayey Sand, medium brown, moist, dense, fine grained, some gravel and rootlets
				1 --		
2	33	5.8	119.6	2 --	SM	Silty Sand, medium brown and brown, slightly moist, dense, fine grained
				3 --		Silty Sand, medium brown, slightly moist to moist, dense, fine to medium grained
4	20	6.1	124.0	4 --		orange brown to brown, some coarse grained, some gravel
				5 --		
				6 --		
7	47	6.3	123.4	7 --		brown and medium brown, dense to very dense
				8 --		
				9 --		
10	29	3.7	107.0	10 --	SW	Sand, light brown, slightly moist to moist, dense, fine to coarse grained
				11 --		
12	50	3.5	102.9	12 --	SP	Sand, light brown and orange brown, moist, dense to very dense, fine grained
				13 --		
				14 --		
15	22 50/6"	12.7	122.2	15 --	SM/ML	Silty Sand to Sandy Silt, medium brown with orange staining, moist, very dense to stiff, fine grained
				16 --		
				17 --		
				18 --		
				19 --		clay binder, more moist
20	25 50/6"	15.9	116.5	20 --	SM	Silty Sand, brown, moist, very dense, fine grained
				21 --		Total depth: 20 feet No Water Fill to 2 feet
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 12

Drilling Date: 08/29/01 **Approximate Elevation: 113.5'**

Project: File No. 17959-S **Inglewood Unified School District**

ıple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - Poor Condition, No Base
				0 --		FILL: Silty Sand, medium brown, moist, dense, fine to coarse grained, some gravel, some brick fragments
				1 --		
2	11	8.7	111.8	2 --	SM	3-inch diameter steel pipe runs North to South
				3 --		Silty Sand, medium brown, moist, dense, fine to medium grained, very silty
4	9	7.7	111.5	4 --		reddish to orange brown
				5 --		
				6 --		
7	20	7.8	118.3	7 --		brown, fine to coarse grained, less silty
				8 --		
				9 --		
10	25	5.3	107.6	10 --	SW	Sand, light brown, moist, dense, fine to medium grained with some coarse grained
				11 --		
				12 --		
				13 --		
				14 --		
15	78	10.6	126.4	15 --	SM	Silty Sand, orange brown and gray, moist, very dense, fine grained
				16 --		
17	65	12.2	121.7	17 --		very silty, more moist
				18 --		
				19 --		brown
20	82	11.3	123.7	20 --		less silty
				21 --		Total depth: 20 feet No Water Fill to 2 feet
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 13

Drilling Date: 08/29/01 **Approximate Elevation: 113.5'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - Poor to Fair Condition, No Base
				0		FILL: Silty Sand to Sandy Silt, medium brown, moist, dense to stiff, fine grained
1	27	9.5	125.8	1		debris
				2	SM	Silty Sand, brown, moist, dense, fine grained
3	23	8.5	121.4	3		trace gravel
				4		
5	8	9.1	113.5	5		brown, fine to medium grained
				6		
7	21	7.9	116.7	7		light brown to brown, less silty, trace coarse grained
				8		
				9		
10	46	6.2	105.1	10	SW	Sand, light brown, with orange staining, dense to very dense, fine to coarse grained
				11		
12	21 50/6"	20.1	112.4	12	ML	Sandy Silt, gray and orange brown, moist, stiff
				13	SM/ML	Silty Sand to Sandy Silt, medium brown, moist, very dense to stiff, fine grained
				14		
15	59	13.7	122.9	15		clay binder, medium brown with orange staining
				16		
				17		
				18		
				19		
20	30 50/6"	6.2	106.2	20	SM/SW	Silty Sand to Sand, light orange brown, moist to very moist, fine to medium grained
				21		Total depth: 20 feet No Water Fill to 1½ feet
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 14

Drilling Date: 08/29/01 **Approximate Elevation: 113.2**

Project: File No. 17959-S **Inglewood Unified School District**

ıple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - Fair Condition, 1-inch Base
				0 --		FILL: Silty Sand, dark brown, moist, loose to medium dense, some gravel, some debris
				1 --		
2	12	8.1	116.2	2 --		
				3 --		
4	11	9.0	116.9	4 --		
				5 --	SM	Silty Sand, dark to medium brown, moist, medium dense, fine grained
				6 --		
7	23	8.9	116.3	7 --		
				8 --	SM/SP	Silty Sand to Sand, medium brown to yellowish brown, moist, medium dense, fine grained
				9 --		
10	70	5.3	111.6	10 --		
				11 --	SP	Sand, yellowish brown, moist, very dense, fine grained
12	30 50/5"	18.3	111.4	12 --		
				13 --	ML	Sandy Silt to Clayey Silt, yellowish brown, moist, very stiff
				14 --		
15	60	14.5	120.7	15 --		
				16 --		Sandy Silt, medium brown, moist, medium stiff to stiff
				17 --		
				18 --		
				19 --		
				20 --	SP	Sand, yellowish brown, moist, very dense, fine grained
20	75	6.7	106.6	21 --		Total depth: 20 feet No Water No Caving Fill to 4 feet
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 15

Drilling Date: 08/29/01 **Approximate Elevation: 113.8**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn
				0		FILL: Silty Sand, dark brown to medium brown, moist, medium dense, fine grained
1	18	8.6	115.0	1	SM	Silty Sand, medium brown, moist, medium dense to dense, fine grained
				2		
3	38	6.0	126.6	3		medium to yellowish brown
				4		
5	18	8.4	119.6	5		more Sandy
				6		
7	20	8.5	112.2	7	SP	Sand, yellowish brown, moist, medium dense, fine grained
				8		
				9		
10	30	9.2	SPT	10	SM/ML	Silty Sand to Sandy Silt, yellowish to greenish brown, moist, medium dense to medium stiff, fine grained
				11		
12.5	72	12.0	121.0	12	ML	Sandy Silt, yellowish to medium brown, moist, very stiff, some rust staining
				13		
				14		
15	32	14.2	SPT	15	ML/SM	Sandy Silt to Silty Sand, olive green, moist, medium stiff to medium dense, fine grained
				16		
				17		
17.5	70	1505.0	118.2	18	SM	Clayey Sand to Silty Sand, yellowish brown, moist, dense to very dense
				19		
20	32	6.1	SPT	20	SP	Sand, yellowish brown, moist, medium dense, fine grained
				21		
				22		
22.5	75	14.9	120.1	23	ML	Sandy Silt to Clayey Silt, yellow to medium brown, moist
				24		
25	42	16.4	SPT	25		yellow to olive brown
				26		
				27		
27.5	80	8.0	117.6	28	SM	Silty Sand, olive brown, moist, very dense, fine grained
				29		
30	53	6.6	SPT	30	SP	Sand, olive brown, moist, dense, fine grained

BORING LOG NUMBER 15 (continued)

Project: File No. 17959-S Inglewood Unified School District

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description
				31 --		
				32 --		
32.5	28 50/5"	5.1	102.9	33 --		light olive, very dense, fine to medium grained
				34 --		
35	50	23.3	SPT	35 --	SP/ML	Sand to Sandy Silt, olive brown, moist, dense to stiff
				36 --		
				37 --		
37.5	82	27.5	97.1	38 --	ML/CL	Clayey Silt to Silty Clay, olive brown, moist, very stiff, some rust staining
				39 --		
40	53	18.7	SPT	40 --	ML	Sandy Silt to Clayey Silt, olive brown, moist, stiff
				41 --		
				42 --		
42.5	40 50/5"	4.0	96.3	43 --	SP	Sand, yellowish brown, moist, very dense, fine grained
				44 --		
45	60	8.6	SPT	45 --	SP/SM/ML	Sand to Silty Sand to Sandy Silt, yellow brown, moist, medium dense to stiff
				46 --		
				47 --		
47.5	100/6"	9.2	119.8	48 --	ML	Sandy Silt, olive brown, moist, very dense
				49 --		
50	80	10.3	SPT	50 --		
				51 --		
				52 --		
52.5	100/10"	7.8	108.4	53 --	SM	Silty Sand, olive brown, moist, very dense, fine grained
				54 --		
55	75	8.9	SPT	55 --	SM/ML	Silty Sand to Sandy Silt, olive brown, moist, very dense to stiff
				56 --		
				57 --		
57.5	100/12"	8.4	114.9	58 --	SM	Silty Sand, olive brown, moist, very dense, fine grained
				59 --		
					ML/SM	Clayey Silt to Silty Sand, olive brown, moist, stiff to dense, fine grained
0	75	7.6	SPT	60 --		Total depth: 60 feet; No Water; No Caving; Fill to 1 foot

BORING LOG NUMBER 16

Drilling Date: 08/29/01 **Approximate Elevation: 114'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - Poor to Fair Condition over No Base
				0		FILL: Silty Sand, medium brown, moist, dense, fine to medium grained, some gravel
1	52	7.6	119.2	1		mottled medium brown and brown, some debris
				2		
3	20	8.9	121.6	3	SM	Silty Sand, medium brown, moist, dense, fine to medium grained, trace gravel
				4		
5	17	9.0	118.6	5		reddish to medium brown
				6		
7	23	8.6	116.2	7		brown, slightly more moist, trace coarse grained
				8		
				9		
10	23	6.3	108.3	10		light brown and brown, less silty, fine to coarse grained, some gravel
				11		
12	22 50/5"	8.1	113.2	12	SW	Sand, light brown, very dense, fine to medium grained
				13	SM	Silty Sand, brown, moist, very dense, fine to coarse grained
				14		
15	27 50/5"	11.5	124.8	15		very Silty, brown, light brown and orange brown, fine grained
				16		
				17		
				18		
				19		
20	25 50/6"	11.5	121.8	20		slightly more Sandy, medium brown with orange staining
				21		Total depth: 20 feet No Water No Caving Fill to 3 feet
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 17

Drilling Date: 08/29/01 **Approximate Elevation: 114.5'**

Project: File No. 17959-S **Inglewood Unified School District**

ıple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Grass
				0 --		Fill: Silty Sand, medium brown, slightly moist, medium dense, fine to medium grained
				1 --		
						abundant metal, concrete and plastic debris
2	46	4.2	111.5	2 --		
				3 --		Silty Sand to Sandy Silt, brown to medium brown, slightly moist, dense to stiff, trace rootlets, fine grained
4	55	4.6	121.8	4 --		
				5 --		Silty Sand, brown to medium brown, slightly moist, very dense, fine to medium grained
				6 --		
7	28	5.6	114.1	7 --	SM	Silty Sand, light brown, moist, dense, fine to coarse grained
				8 --		
						less Silty
				9 --		
10	51	7.7	115.4	10 --	SM/SP	Silty Sand to Sand, light brown with orange staining, very moist, very dense, fine grained
				11 --		
				12 --		
				13 --		
				14 --		
15	56	15.4	117.9	15 --	SC	Clayey Sand, brown to medium brown, very moist, very dense, fine grained
				16 --		
17	52	14.1	93.3	17 --	SM	Silty Sand, brown, very moist to wet, medium dense to dense, fine grained, very Silty
				18 --		
				19 --		
20	68	15.9	112.9	20 --		
						light brown to gray, wet, dense
				21 --		
				22 --		
				23 --		
				24 --		
25	24 50/6"	19.7	113.0	25 --	CL/ML	Sandy Clay to Sandy Silt, orange brown and gray, moist, stiff
				26 --	SM	Silty Sand, light brown, very moist, very dense, fine grained
				27 --		
				28 --		
				29 --		
					SP	Sand, tan, slightly moist, very dense, fine grained
30	35 50/5"	2.7	101.4	30 --		Total depth: 30 feet; No Water; Fill to 7 feet

BORING LOG NUMBER 18

Drilling Date: 08/29/01 **Approximate Elevation: 114.5'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt - No Base; Asphalt Poor to Fair Condition
				0		FILL: Silty Sand, medium brown, slightly moist, dense, fine to medium grained, some gravel
				1	SM	Silty Sand, medium to dark brown, moist, medium dense, fine grained
2	8	9.1	115.3	2		
				3		
4	12	8.3	113.1	4		slightly more Silty, fine to medium grained
				5		
				6		
7	33	7.2	121.6	7		brown, dense, fine to coarse grained
				8		
				9		
10	46	5.6	107.0	10	SW	Sand, tan, slightly moist, dense to very dense, fine to medium grained with trace coarse grained
				11		
				12		
				13		
				14		
15	77	13.4	120.3	15	SC/SM	Clayey Sand to Silty Sand, orange brown and gray, moist, very dense, fine grained
				16		
				17		medium brown to brown
				18		
				19	ML/SM	Sandy Silt to Silty Sand, orange brown, moist, stiff to very dense, fine grained
20	49	8.9	120.8	20		more Sandy
				21		
				22		Total Depth: 20 Feet No Water Fill to 1 Foot
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 19

Drilling Date: 08/29/01 **Approximate Elevation: 114'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 4-inch Asphalt - No Base; Asphalt - Fair Condition
				0		FILL: Silty Sand, light brown, moist, dense, fine to medium grained, some gravel
1	64	8.1	121.2	1		medium brown, slightly moist, very dense, fine grained, trace debris
				2		
3	14	8.1	121.7	3	SM	Silty Sand, medium to dark brown, moist, dense, fine to medium grained
				4		
5	19	7.4	120.5	5		medium brown, fine to coarse grained
				6		
7	29	6.3	116.6	7		orange brown, slightly more moist, some gravel
				8		
				9		
10	27	5.5	108.1	10	SM/SW	Silty Sand to Sand, light brown, moist, dense, fine to coarse grained
				11		more Silty
				12		
				13		
				14	ML	Clayey Silt, gray with orange staining, moist, stiff
15	67	19.7	112.8	15	ML	Sandy Silt, medium brown, moist, stiff
				16		
17	66	14.1	118.9	17	SC	Clayey Sand, medium brown with orange staining, moist, very dense, fine grained, very Clayey
				18		
				19		
20	22 50/6"	13.4	121.8	20		slightly less Clayey
				21		Total Depth: 20 Feet No Water Fill to 3 Feet
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 20

Drilling Date: 08/29/01 **Approximate Elevation: 114'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 4-inch Asphalt - Fair Condition over No Base
				0		FILL: Silty Sand, light brown, slightly moist, very dense, fine to coarse grained, some gravel
				1		
2	47	5.3	115.2	2		
				3		Silty Sand to Sandy Silt, medium brown, slightly moist, dense to stiff, fine grained, trace gravel, trace debris
4	40 50/6"	5.3	116.0	4		
				5		more Sandy, abundant debris, brick and concrete fragments
				6		
7	57	4.5	123.1	7		
				8		Silty Sand, mottled brown and medium brown, slightly moist, very dense, fine grained, some gravel
				9		
10	55	4.8	112.8	10	SM	Silty Sand, light brown, orange brown, and grayish brown, slightly moist, very dense, fine grained
				11		
12	44	2.4	109.0	12	SP	less silty
				13		Sand, light brown with orange staining, slightly moist, dense to very dense, fine grained
				14		
15	27 50/5"	9.9	118.4	15	ML	Sandy Silt, light brown with red staining, slightly moist, very stiff
				16		
				17		
				18		
				19		
20	20 50/4"	7.7	119.7	20	SC	Clayey Sand, light brown, slightly moist, very dense, fine grained
				21		
				22		
				23		
				24		
25	39 50/4"	12.6	119.4	25		brown
				26		
				27		Total depth: 26 feet No Water Fill to 10 feet
				28		
				29		
				30		

BORING LOG NUMBER 21

Drilling Date: 08/29/01 **Approximate Elevation: 116.5'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 2-inch Asphalt - Poor Condition over 4-inch Base
				0		FILL: Silty Sand, light brown, fine to medium grained, some gravel debris, loose to medium dense
1	5	9.4	121.3	1		
				2		
3	13	9.6	126.3	3	SM	Silty Sand, medium brown, moist, medium dense, fine grained
				4		
5	23	10.3	124.7	5		
				6		
7	55	10.2	117.2	7	SM/SP	Silty Sand to Sand, medium to yellowish brown, dense, fine grained
				8		
				9		
10	80	9.4	113.6	10	SP/SM	Sand to Silty Sand, yellow to medium brown, moist, very dense, fine grained
				11		
				12		
				13		
				14		
15	73	20.6	95.2	15	ML	Sandy Silt to Clayey Silt, medium brown, moist, stiff
				16		
17	62	18.1	109.7	17	SM	Silty Sand, olive brown, moist, dense, fine grained
				18		
				19		
20	70	17.6	113.6	20	ML	Sandy Silt to Clayey Silt, olive brown, moist, very stiff
				21		
				22		
				23		
				24		
25	30 50/5"	4.8	106.5	25	SP	Sand, yellow brown, moist, very dense, fine grained
				26		
				27		
				28		
				29		
30	76	14.2	117.2	30		Total depth: 30 feet; No Water; No Caving; Fill to 3 feet

BORING LOG NUMBER 22

Drilling Date: 08/29/01 **Approximate Elevation: 116.6'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn, Poor Condition
				0		FILL: Sandy Silt, medium brown, slightly moist to moist, medium firm to firm
				1		
2	28	4.9	122.8	2	SM/ML	Silty Sand to Sandy Silt, slightly moist, medium dense to stiff, fine grained
				3		
4	40	7.5	126.5	4	SM	Silty Sand, medium brown, moist, dense, fine grained
				5		
				6		
7	70	11.0	124.8	7		more Sandy
				8		
				9		
10	80	11.2	119.4	10	SM/SP	Silty Sand to Sand, medium brown, moist, very dense, fine grained
				11		
12	70	15.2	119.3	12	ML	Sandy Silt to Clayey Silt, medium to reddish brown, moist, very dense, stiff
				13		
				14		
15	40	18.3	113.4	15		yellow brown
				16		
				17		
				18		
				19	CL	Sand Clay to Silty Clay, olive brown, moist, very stiff
20	77	15.6	110.5	20		Total Depth: 20 Feet No Water No Caving Fill to 2 Feet
				21		
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 23

Drilling Date: 08/30/01 **Approximate Elevation: 116.7'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Grass
				0		FILL: Silty Sand, medium brown, moist, medium dense to dense, fine grained
1	40	6.7	125.2	1		
				2	SM	Silty Sand, medium brown, slightly moist to moist, dense, fine grained
3	51	8.5	122.1	3		
				4		slightly more Silty
5	17	9.9	118.9	5		
				6		orange brown to brown, fine to medium grained
7	75	10.6	125.6	7		
				8	SM/ML	Silty Sand to Sandy Silt, brown, moist, very dense, fine grained
				9		Clay binder
10	25 50/6"	18.3	113.6	10		
				11	SM	Silty Sand, orange brown and gray, moist, very dense, fine grained
				12		
				13		
				14		
15	47	10.4	121.5	15		
				16		
				17		
				18		
				19	ML	Clayey Silt, light brown and orange brown, moist, stiff
20	64	20.7	107.7	20	CL	Silty Clay, light brown and gray, moist, stiff
				21		
				22		Total Depth: 20 Feet No Water Fill to 1 Foot
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 24

Drilling Date: 08/30/01 **Approximate Elevation: 116'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Grass
				0 --		FILL: Silty Sand, brown to medium brown, slightly moist, dense to very dense, fine grained, debris
				1 --		
2	55	3.6	113.9	2 --	ML	Sandy Silt, brown, slightly moist, stiff, slightly porous, some rootlets
				3 --		
4	17 50/6"	3.6	115.0	4 --		more Sandy
				5 --		
				6 --		
7	90	7.3	125.8	7 --	SM	Silty Sand, light brown to brown, moist, very dense, fine to coarse grained
				8 --		
				9 --		
10	24 50/6"	10.4	121.6	10 --		brown and orange brown, more moist, fine grained, slight Clay binder
				11 --		
				12 --		
				13 --		
				14 --		
15	22 50/5"	17.4	113.8	15 --	ML	Sandy Silt with Clay binder, medium brown with orange staining, very moist, stiff, very Sandy
				16 --		
				17 --		
				18 --		
				19 --		
20	45	19.7	108.5	20 --	CL/ML	Silty clay to Clayey Silt, medium brown, brown, and orange brown, moist, firm to stiff
				21 --		
				22 --		Total Depth: 20 Feet No Water Fill to 2 Feet
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 25

Drilling Date: 08/30/01 **Approximate Elevation: 116.5**

Project: File No. 17959-S **Inglewood Unified School District**

ıple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions:Asphalt-Fair Condition, 3-in. Asphalt over 3-in. Sand & Gravel Base
				0 --		FILL: Silty Sand, medium brown, moist, dense, fine grained, some gravel
				1 --		
2	8	9.8	117.2	2 --	SM/ML	Silty Sand to Sandy Silt, medium brown, moist, medium dense to firm, fine grained
				3 --		
4	19	10.3	124.1	4 --		slightly more moist
5	23	10.3	113.3	5 --		fine to medium grained
				6 --		
7	45	11.6	125.6	7 --		less Silty, brown, more moist, fine grained
				8 --		
				9 --		
10	74	9.4	120.9	10 --	SM	Silty Sand, reddish brown and light brown, moist, dense to very dense, fine medium grained
				11 --		
				12 --		
				13 --		
				14 --		
15	40 50/6"	15.8	117.8	15 --	CL/ML	Silty Clay to Clayey Silt, medium brown with orange staining, moist, stiff
				16 --		
				17 --		
				18 --		
				19 --		
20	20 50/6"	11.8	116.7	20 --	SM/ML	Silty Sand to Sandy Silt, light brown to brown, moist, very dense to stiff, fine grained
				21 --		
				22 --		Total Depth: 20 Feet No Water Fill to 2 Feet
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 26

Drilling Date: 08/30/01 **Approximate Elevation: 116'**

Project: File No. 17959-S **Inglewood Unified School District**

ple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt - Fair Condition; 6-inch Asphalt, No Base
				0 --		FILL: Silty Sand to Sandy Silt, brown to medium brown, slightly moist, dense to stiff, fine grained, some concrete fragments
				1 --		
2	17	5.9	115.7	2 --		
				3 --		
4	29	5.4	117.7	4 --	SM	Silty Sand, medium brown, slightly moist, dense, fine grained
				5 --		
				6 --		
7	75	6.1	129.3	7 --		mottled, medium brown and light brown
				8 --		
				9 --		
10	25 50/6"	7.0	113.4	10 --		medium brown and light brown, very dense, fine to medium grained
				11 --		
				12 --		
				13 --		
				14 --		
15	72	14.8	120.9	15 --	ML	Sandy Silt with Clay binder, orange brown to brown, moist, stiff
				16 --		
17	38 50/6"	13.3	119.0	17 --		more Sandy, less Clayey
				18 --		
				19 --		light brown to orange brown, very Sandy
20	24 50/5"	9.7	119.0	20 --		
				21 --		Total Depth: 20 Feet No Water Fill to 4 Feet
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 27

Drilling Date: 08/30/01 **Approximate Elevation: 116'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 5-inch Asphalt - No Base
				0		FILL: Silty Sand, medium brown, moist, dense, fine to medium grained, some Gravel and Asphalt fragments
1	35 50/5"	4.8	121.3	1		very Silty, slightly moist, very dense, some roots
				2		
3	59	4.6	119.1	3	SM/ML	Silty Sand to Sandy Silt, medium brown, slightly moist, very dense to stiff, fine grained
				4		
5	57	6.2	122.4	5		mottled medium brown and light brown
				6		
7	38	7.1	120.3	7	SM	Silty Sand, light brown to brown, moist, dense, fine to medium grained
				8		
				9		
10	45	6.5	114.4	10		less Silty, light brown, orange brown, and red brown, more moist, fine to coarse grained
				11		
12	25 50/5"	14.0	117.2	12		very moist, reddish brown
				13	ML	Clayey Silt, brown with orange staining, gray, moist, stiff
				14		
15	25 50/6"	10.7	96.2	15	SM	Silty Sand, medium brown, gray, and orange-brown, moist, very dense, fine grained
				16		
				17		
				18		
				19		
20	36 50/6"	5.1	106.1	20		less Silty, light brown, fine grained
				21		
				22		
				23		
				24		
25	50/5"	14.6	91.6	25	CL	Sandy Clay, light brown, slightly moist, very stiff
				26		
				27		
				28		
				29		
					SM/SP	Silty Sand to Sand, light tan, slightly moist, very dense, fine grained
30	35 50/5"	1.4	90.5	30		Total Depth: 30 Feet; No Water; Fill to 3 Feet

BORING LOG NUMBER 28

Drilling Date: 08/30/01 **Approximate Elevation: 115'**

Project: File No. 17959-S **Inglewood Unified School District**

ple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt - Fair Condition; 4-inch asphalt, No Base
				0 --		FILL: Silty Sand, brown, slightly moist, dense, fine to coarse grained, some gravel
				1 --		
2	78	4.4	117.3	2 --		Silty Sand to Sandy Silt, brown to medium brown, slightly moist, dense, stiff, fine to medium grained
				3 --		very Silty, abundant concrete, brick and wood fragments
4	41	5.4	126.8	4 --		
				5 --		mottled medium brown and dark brown, slightly more moist, some debris
				6 --		
7	31 50/5"	5.0	122.7	7 --	SM	Silty Sand, light brown, slightly moist, very dense, fine to medium grained
				8 --		
				9 --		
10	85	2.7	116.1	10 --		light brown, less Silty, fine to coarse grained
				11 --		
				12 --		
				13 --		
				14 --		
15	50/4"	11.4	119.0	15 --	CL	Sandy Clay, light brown, slightly moist, very stiff
				16 --		
				17 --		
				18 --		
				19 --		
20	50/5"	7.1	116.2	20 --	ML	Sandy Silt, Clay binder, light brown, slightly moist, very stiff
				21 --		Total Depth: 20 Feet No Water Fill to 7 Feet
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 29

Drilling Date: 08/29/01 **Approximate Elevation: 116'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn, Good Condition
				0		FILL: Silty Sand, brown to medium brown, moist, medium dense, fine grained, some construction fragments
1	HS	7.9	106.3	1		
				2		
3	HS	11.9	104.6	3	SM/ML	Silty sand to Sandy Silt, medium brown to dark brown, moist, medium dense to medium stiff, fine grained
				4		more Silt, dark brown
5	HS	9.6	111.0	5	SM	Silty Sand, medium brown, moist, medium dense, fine grained
				6		
7	HS	11.9	116.8	7		more Sandy and denser
				8		
				9		
10	HS	8.1	108.7	10	SP	Sand, yellow brown, moist, medium dense, fine grained
				11		
12	HS	14.1	112.9	12	SM	Silty Sand, medium brown, moist, medium dense to dense, fine grained
				13		
				14		
15	HS	15.2	113.7	15		yellow brown, medium dense to dense, fine grained
				16		
17	HS	16.6	115.0	17		
				18		yellow to medium brown
				19		
20	HS	16.6	115.0	20		Silty Sand to Clayey Sand, medium brown, moist, medium dense to dense
				21		
				22		
				23		Total Depth: 20 Feet No Water No Caving
				24		Fill to 2 Feet
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 30

Drilling Date: 08/30/01 **Approximate Elevation: 116'**

Project: File No. 17959-S **Inglewood Unified School District**

ıple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn, fair to good Condition
				0 --		FILL: Silty Sand, dark brown, moist, loose to medium dense, fine grained
				1 --		
					SM	Silty Sand, medium brown, moist, medium dense, fine grained,
2	HS	6.0	99.8	2 --		slightly porous
				3 --		
4	HS	7.7	108.7	4 --		
						more Sandy, medium to yellow brown
				5 --		
				6 --	SM/SP	Silty Sand to Sand, yellow brown, moist, medium dense, fine grained
7	HS	8.2	115.2	7 --		
				8 --		
				9 --		
					SP	Sand, yellow brown to medium brown, moist, medium dense,
10	HS	5.6	108.2	10 --		fine grained
				11 --		
12	HS	16.8	109.6	12 --		
					ML	Sandy Silt, medium, moist, medium stiff, some pores
				13 --		
				14 --		
15	HS	17.5	109.4	15 --		
					SM	Silty Sand, medium to yellow brown, medium dense, fine grained
				16 --		
17	HS	12.3	104.9	17 --		
						more Sandy, yellow brown
				18 --		
					SM	Silty Sand, medium brown, moist, medium dense to dense, fine grained
				19 --		
20	HS	16.8	105.2	20 --		
				21 --		Total Depth: 20 feet No Water No Caving Fill to 1 Foot
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 31

Drilling Date: 08/30/01 **Approximate Elevation: 115.5'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Planter Area
				0		FILL: Silty Sand, dark to medium yellow brown, dry to moist, medium dense, fine grained, some debris
1	HS	17.5	108.3	1		
				2		
3	HS	11.2	100.1	3	SM	Silty Sand, medium brown, moist, medium dense, fine grained
				4		
5	HS	10.8	112.1	5		more Sandy
				6		
7	HS	12.0	115.3	7		more Sand, yellow brown
				8		
				9	SP	Sand, yellow brown, moist, medium dense, fine grained
10	HS	6.0	105.0	10		
				11	SM	Silty Sand, medium brown, moist, medium dense to dense, fine grained
12	HS	14.8	116.7	12		
				13		
				14		
15	HS	17.6	108.8	15		some pores
				16	SP	Sand, yellow brown, moist, medium dense to dense, fine grained
17	HS	13.2	115.3	17		
				18	SM	Silty Sand, medium brown, moist, medium dense to dense, fine grained
				19		
20	HS	15.3	108.7	20		Total Depth: 20 Feet No Water No Caving Fill to 3 feet
				21		
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 32

Drilling Date: 08/30/01 **Approximate Elevation: 114.5'**

Project: File No. 17959-S **Inglewood Unified School District**

ıple Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Planter Area
				0 --		FILL: Silty sand, medium to yellow brown, dry to moist, medium dense, fine grained, some debris
				1 --		
2	HS	12.0	101.3	2 --		
				3 --		Silty Sand to Sandy Silt, dark to medium brown, moist, medium dense to medium stiff, fine grained, some debris
4	HS	7.5	123.3	4 --	SM	Silty Sand, dark to medium brown, moist, medium dense, fine grained, some pores
				5 --		
				6 --		
7	HS	8.4	119.0	7 --	SM/SP	Silty Sand to Sand, yellow brown, moist, medium dense, fine grained
				8 --		
				9 --		
10	HS	9.8	110.1	10 --	SP	Sand, yellow brown, moist, medium dense to dense, fine grained, some rust staining
				11 --		
12	HS	11.7	107.8	12 --		
				13 --		
				14 --		
15	HS	14.2	110.2	15 --	SM/ML	Silty Sand to Sandy Silt, yellow brown, moist, medium dense to dense, medium stiff
				16 --		
17	HS	16.2	111.5	17 --	SM/SP	Silty Sand to Sand, yellowish brown, moist, medium dense to dense, fine grained
				18 --		
				19 --		
20	HS	9.6	110.2	20 --	SP	Sand, olive brown, moist, medium dense to dense, fine grained
				21 --		
				22 --		Total depth: 20 feet No Water No Caving Fill to 4 feet
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 33

Drilling Date: 08/30/01 **Approximate Elevation: 115'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn - Good Condition
				0		FILL: Silty Sand, dark to medium brown, moist, loose to medium dense, fine grained
1	HS	4.8	113.2	1		
				2		
3	HS	3.8	118.8	3		
				4		more Sandy, some debris
5	HS	4.1	113.6	5	SM	Silty Sand, medium to yellowish brown, moist, medium dense, fine grained
				6		
7	HS	7.0	109.6	7		
				8		more Sandy
				9		
10	HS	8.0	111.9	10	SP	Sand, yellowish brown, moist, medium dense to dense, fine grained, some rust staining
				11		
12	HS	21.7	107.9	12	ML	Sandy Silt to Clayey Silt, yellowish to greenish brown, moist, medium stiff to stiff
				13		
				14		
15	HS	13.6	112.1	15	SM	Silty Sand, yellowish brown, moist, medium dense, fine grained
				16		
17	HS	14.3	111.3	17		
				18	SP	Sand, yellowish brown, moist, medium dense, fine grained
				19		
20	HS	8.6	114.4	20		Total depth: 20 feet No Water No Caving Fill to 5 feet
				21		
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 34

Drilling Date: 08/30/01 **Approximate Elevation: 115'**

Project: File No. 17959-S **Inglewood Unified School District**

Sample Depth Ft	Blows per ft	Moisture content %	Dry Unit Weight p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn - Fair Condition
				0		FILL: Silty Sand, dark brown, moist, loose to medium dense, fine grained
				1	SM	Silty Sand, dark brown, moist, medium dense, fine grained, some pores
2	HS	8.7	103.9	2		
				3		
4	HS	4.3	113.9	4		Silty Sand, reddish brown, slightly moist, medium dense, fine grained
				5		
				6		
7	HS	6.8	108.9	7	SP	Sand, yellowish brown, moist, medium dense, fine grained
				8		
				9		
10	HS	6.1	104.8	10		Sand, yellowish to orangish brown, moist, medium dense to dense, fine to medium grained
				11	ML	
12	HS	17.8	105.9	12		Sandy Silt to Clayey Silt, yellowish brown with rust staining, moist, medium stiff to stiff
				13		
				14		
15	HS	16.6	110.6	15		more Sandy
				16		
17	HS	11.8	108.5	17	SP	Sandy, yellowish brown, moist, medium dense, fine grained
				18		
				19		
20	HS	6.7	102.0	20		Total depth: 20 feet No Water No Caving Fill to 1 foot
				21		
				22		
				23		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual
				24		
				25		8-inch diameter hollow-stem auger 140-lb slide hammer, 30-inch drop Modified California Sampler used unless otherwise noted
				26		
				27		
				28		
				29		
				30		

APPENDIX B

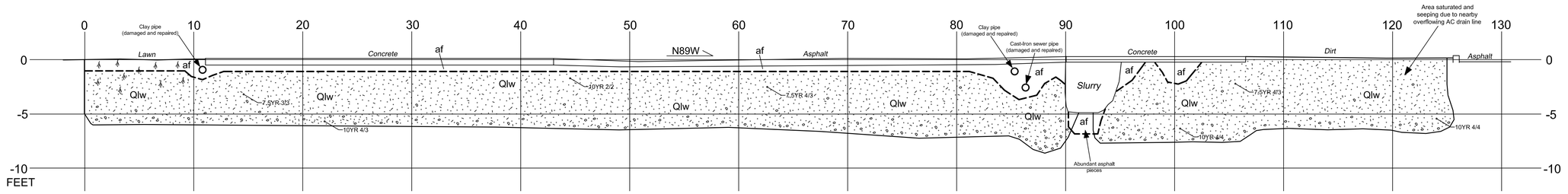
Fault Trench Logs

August 5, 2024
W.O. 9711.002
Revised September 25, 2024

FAULT TRENCH LOGS

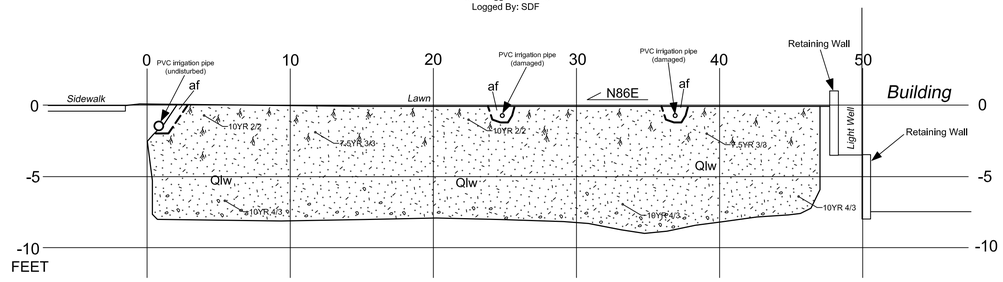
TRENCH A1

Log of south trench wall
Date Logged: 9/27/23 & 9/28/23
Logged By: SDF



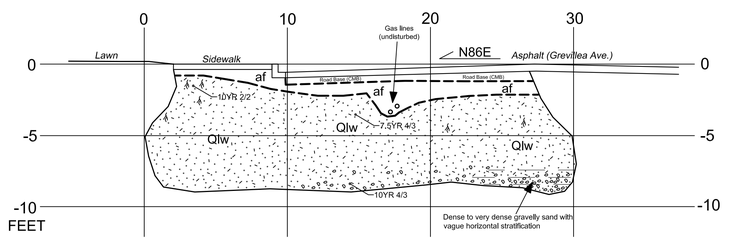
TRENCH A2

Log of south trench wall
Date Logged: 9/25/23
Logged By: SDF



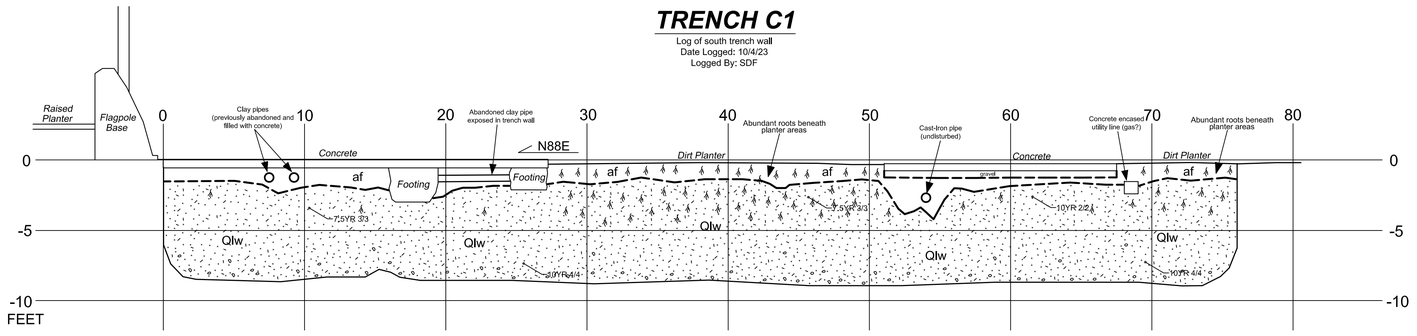
TRENCH A3

Log of north trench wall
Date Logged:10/10/23
Logged By: SDF



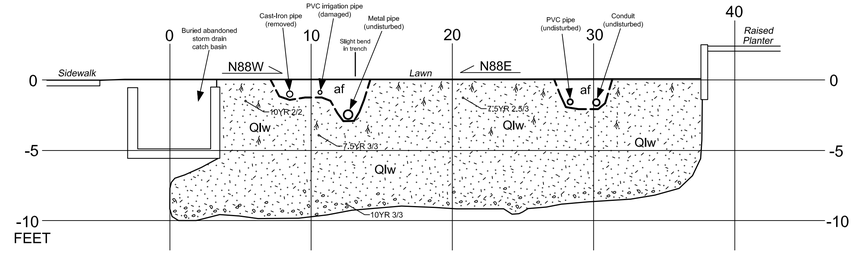
TRENCH C1

Log of south trench wall
Date Logged: 10/4/23
Logged By: SDF



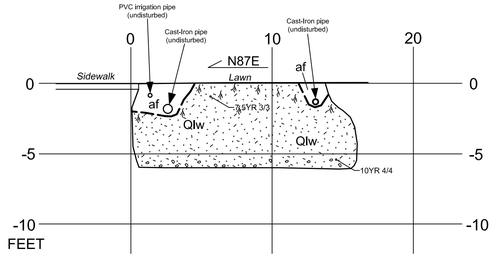
TRENCH C2

Log of south trench wall
Date Logged: 9/22/23
Logged By: SDF



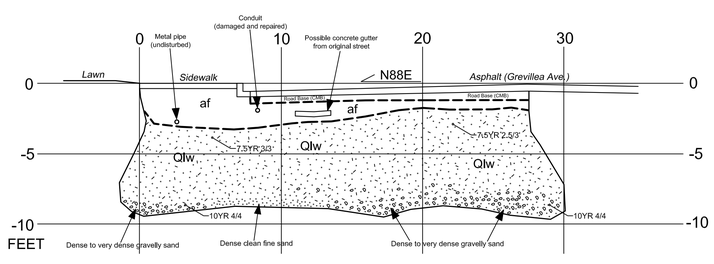
TRENCH C3

Log of south trench wall
Date Logged: 9/22/23
Logged By: SDF



TRENCH C4

Log of north trench wall
Date Logged:10/9/23
Logged By: SDF



LITHOLOGY

af Artificial Fill: Gravelly Sand to Silty Sand, light to medium brown to locally yellowish brown, sand is generally fine to medium grained, moderately loose, contains minor amounts of man-made debris except locally in Trench A1 where abundant angular asphalt pieces up to 6 inches in size are present, small active roots common except where covered by concrete or asphalt, moist to very moist beneath lawn areas, dry to damp elsewhere.

Qlw Lakewood Formation: Slightly Clayey Sand to Silty Sand to Gravelly Sand, varies from mottled brown to very dark brown (7.5YR 4/3 to 10YR 2/2) in the upper 3 to 4 feet to brown to dark yellowish brown (10YR 3/3 to 10YR 4/4) with gray brown (10YR 5/2) mottling below (color lightens with depth), sand is typically very fine to fine grained to about 6 feet then increases in grain size to medium to coarse grained below, orange oxide staining common below 6 feet, upper 4 feet is moderately loose to moderately dense and porous, and is bioturbated, slightly porous and dense to locally very dense below 4 feet (density increases with depth), very minor scattered subrounded gravel in upper 6 feet, grades to dense gravelly sand with very minor pockets of clean fine sand below 6 feet, vague horizontal stratification observed in Trench A3 within gravelly sand, otherwise deposit was observed to be massive, upper 6 inches is organic rich beneath lawn areas, abundant small active roots in upper 4 feet beneath lawn and planter areas, few scattered small roots elsewhere, moist to very moist to a depth of about 4 feet beneath lawn areas, damp to slightly moist elsewhere.

P:\9711\Fault trenches.dwg

Updated 09/2024

Geolabs - Westlake Village
GEOLOGY AND SOILS ENGINEERING

DATE 12/7/2023 BY SDF
SCALE 1" = 5' W.O. 9711

PLATE 5

EXPLANATION

Af	ARTIFICIAL FILL	BROWN, FINE GRAINED, SILTY SAND, MOIST, SOME ROOTS. LOCALLY CONTAINS BRICK, GLASS, AND CONCRETE.
Qlw	LAKEWOOD FORMATION	BROWN, FINE GRAINED SILTY SAND TO SAND, MEDIUM DENSE, POORLY GRADED, UNSTRATIFIED.

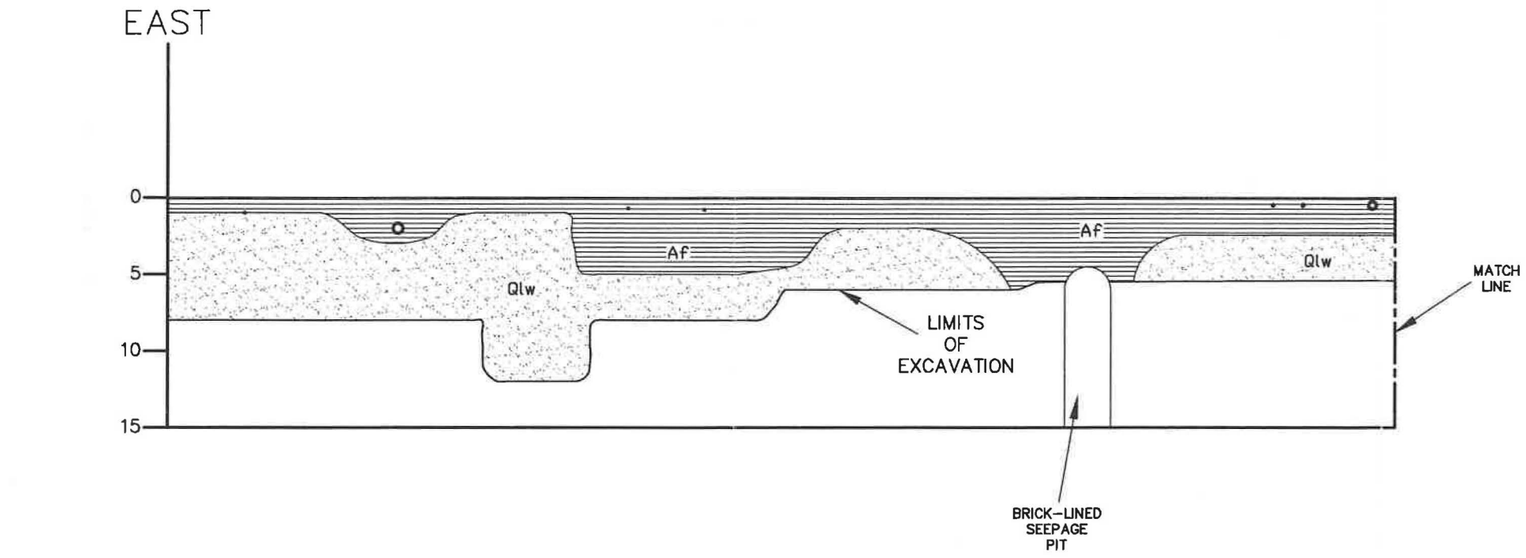
○ – UTILITY PIPING OF VARYING DIAMETER (AS SHOWN)

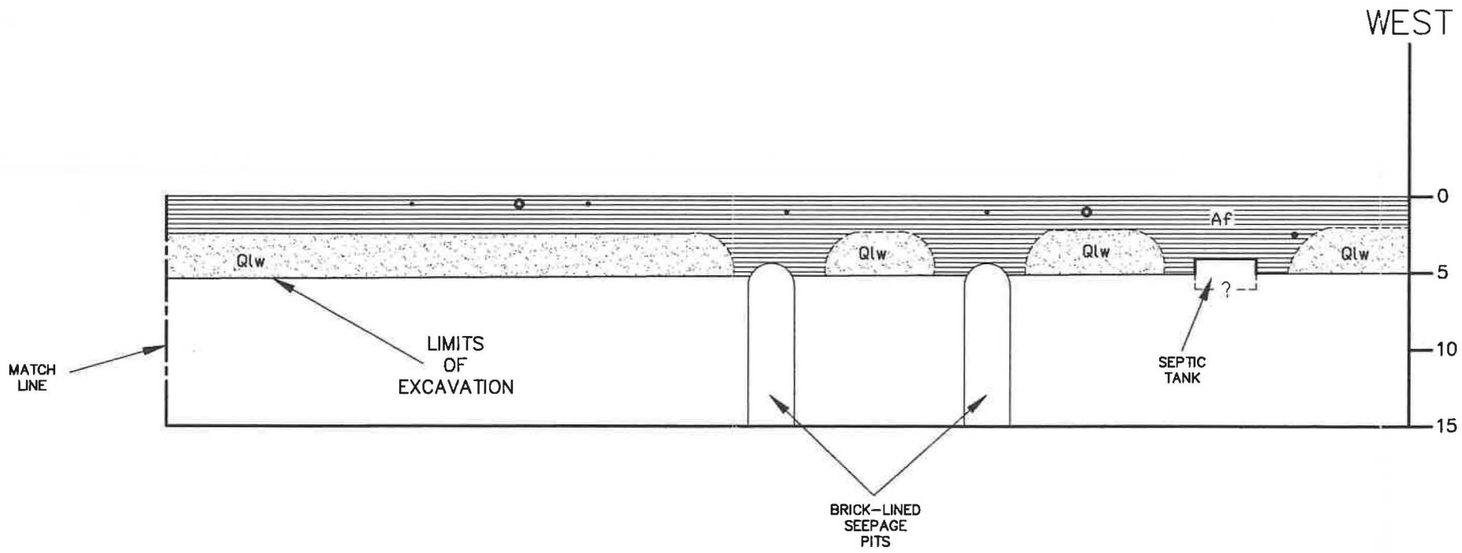
231 SOUTH GREVILLEA AVENUE
INGLEWOOD, CALIFORNIA

EXPLANATION

Smith-Emery GeoServices DWG BY E.T.

FILE NO.: 31446-1 PLATE NO.: A-1B





APPROX. SCALE: 1" = 10'

0' 5' 10'

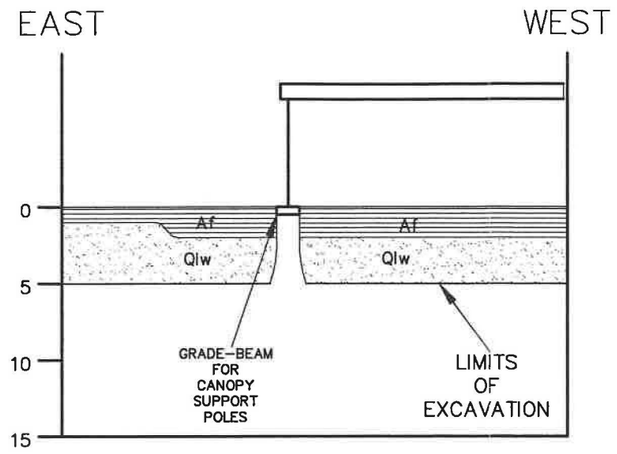
231 SOUTH GREVILLEA AVENUE
INGLEWOOD, CALIFORNIA

TRENCH A

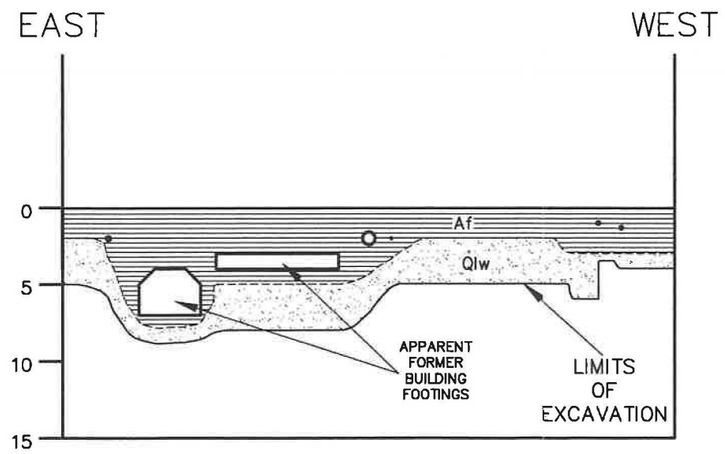
Smith-Emery GeoServices DWG BY E.T.

FILE NO.: 31446–1 PLATE NO.: A–2A

TRENCH B



TRENCH C



APPROX. SCALE: 1" = 10'

0' 5' 10'

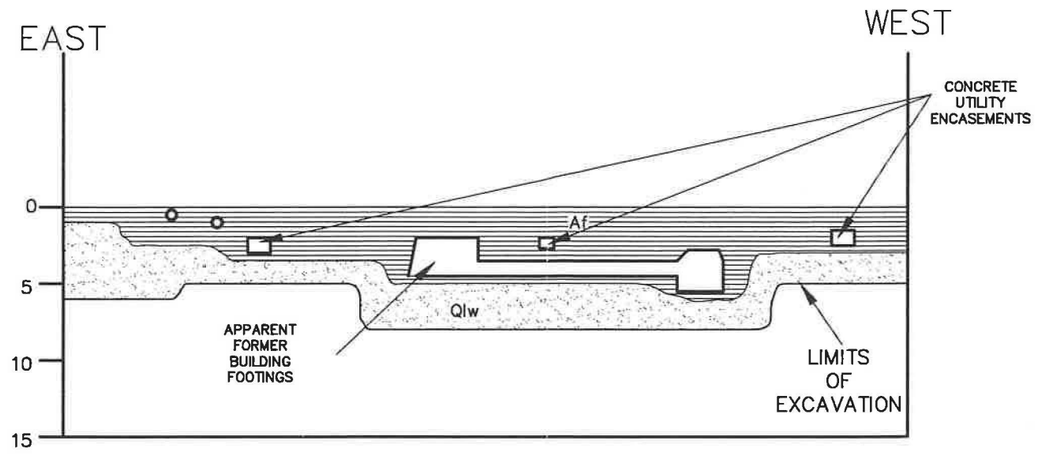
231 SOUTH GREVILLEA AVENUE
INGLEWOOD, CALIFORNIA

TRENCHES B AND C

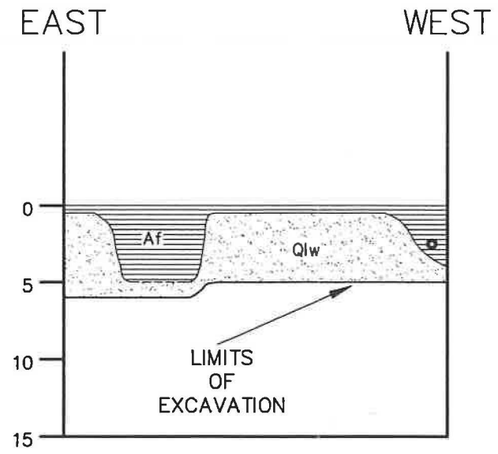
Smith-Emery GeoServices DWG BY E.T.

FILE NO.: 31446–1 PLATE NO.: A–2B

TRENCH D



TRENCH E



APPROX. SCALE: 1" = 10'

0' 5' 10'

231 SOUTH GREVILLEA AVENUE
INGLEWOOD, CALIFORNIA

TRENCHES D AND E

Smith-Emery GeoServices DWG BY E.T.

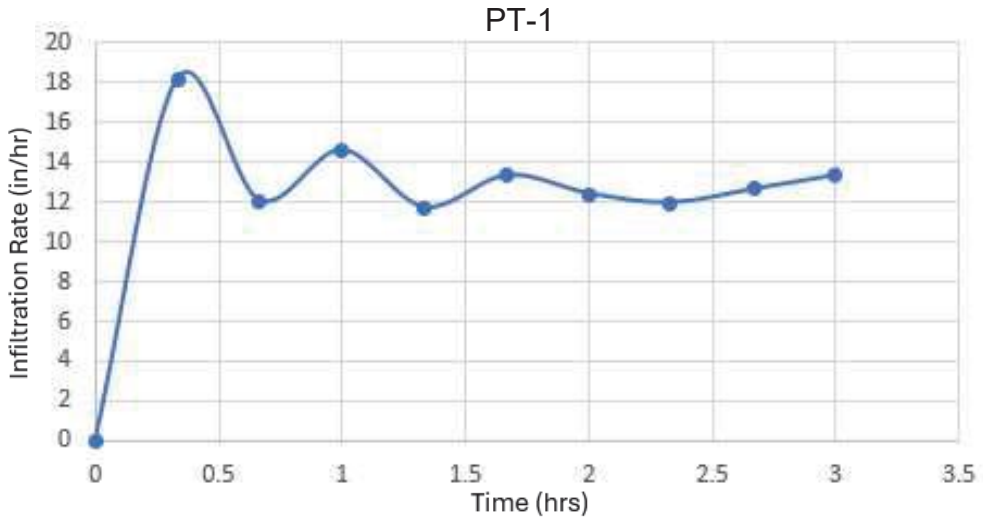
FILE NO.: 31446-1 PLATE NO.: A-2C

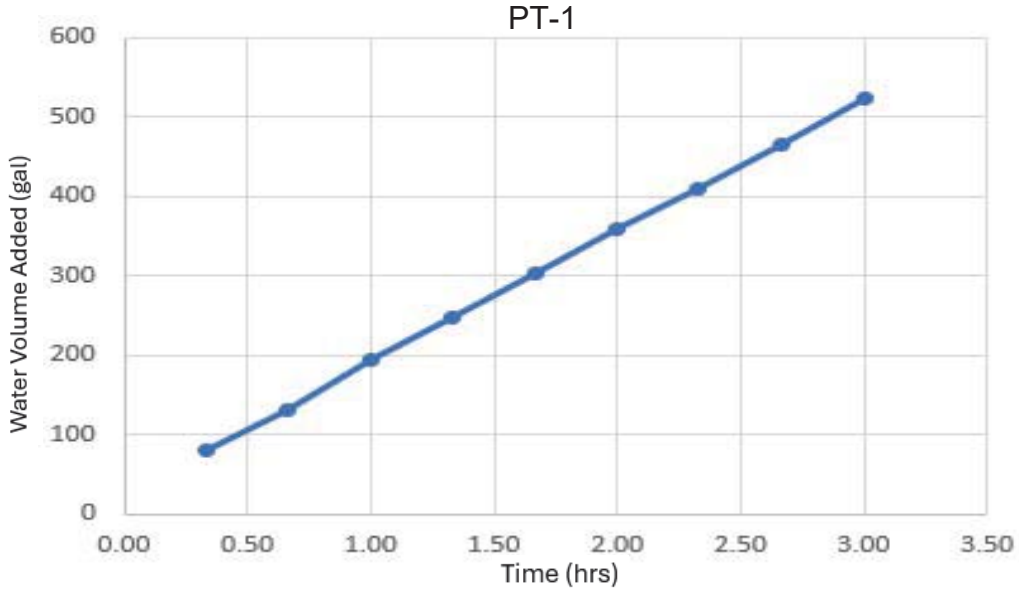
APPENDIX C

Infiltration Test Data

August 5, 2024
W.O. 9711.002
Revised September 25, 2024

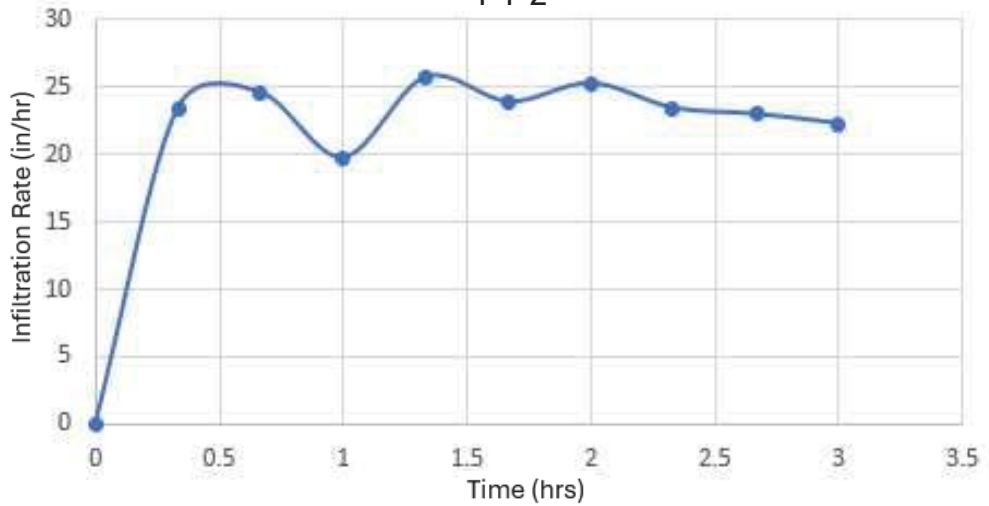
INFILTRATION TEST RESULT GRAPHS



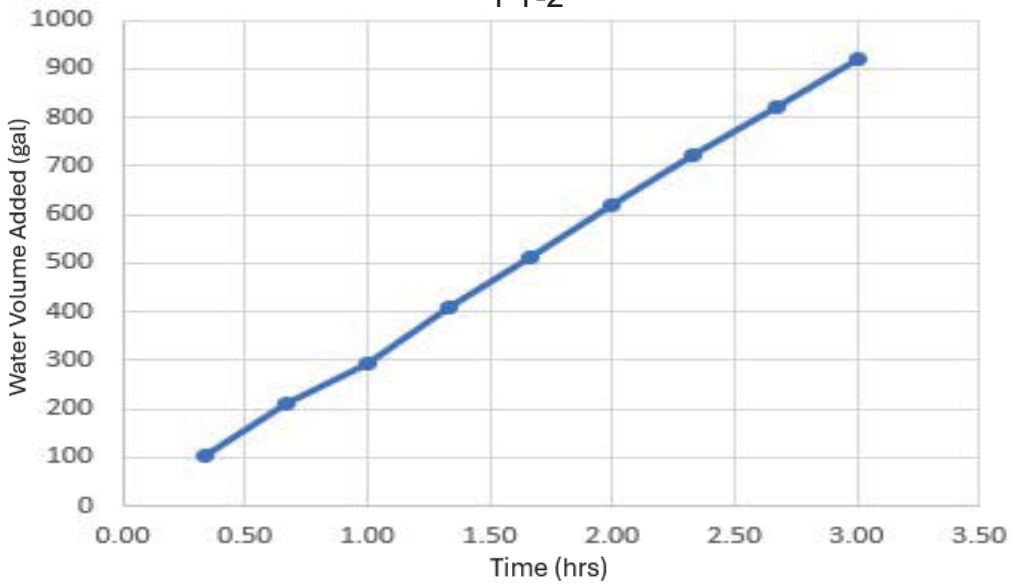


INFILTRATION TEST RESULT GRAPHS

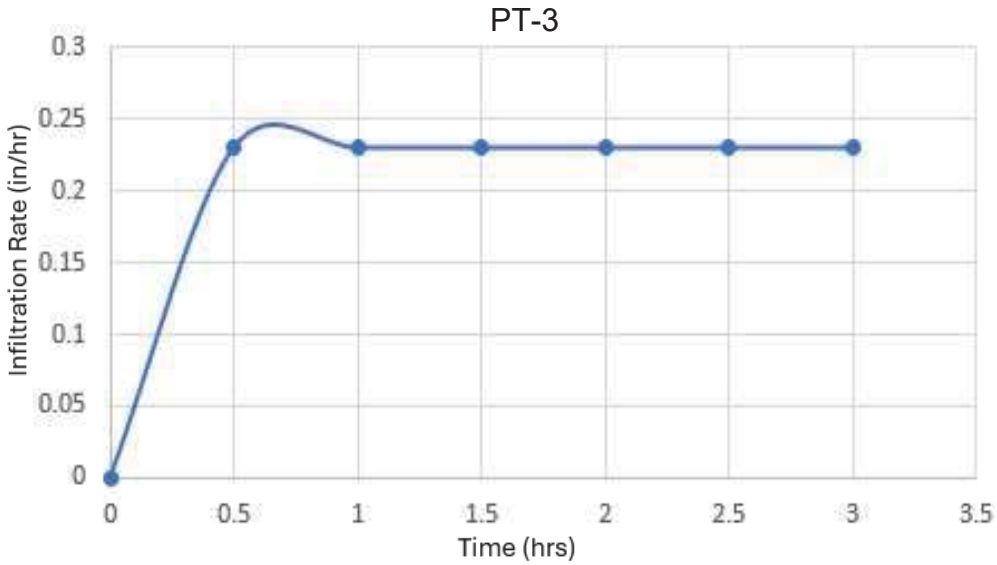
PT-2

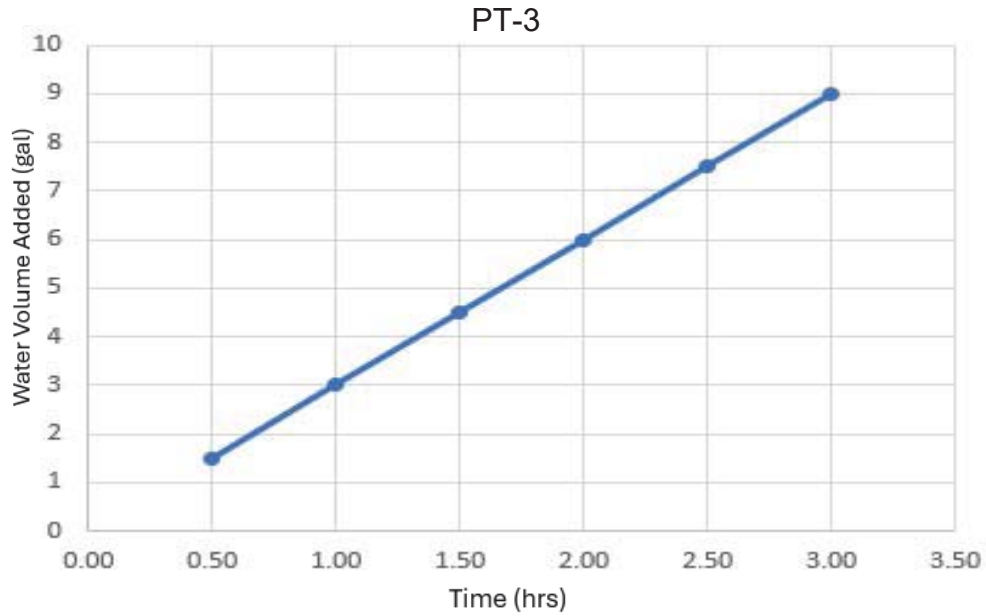


PT-2

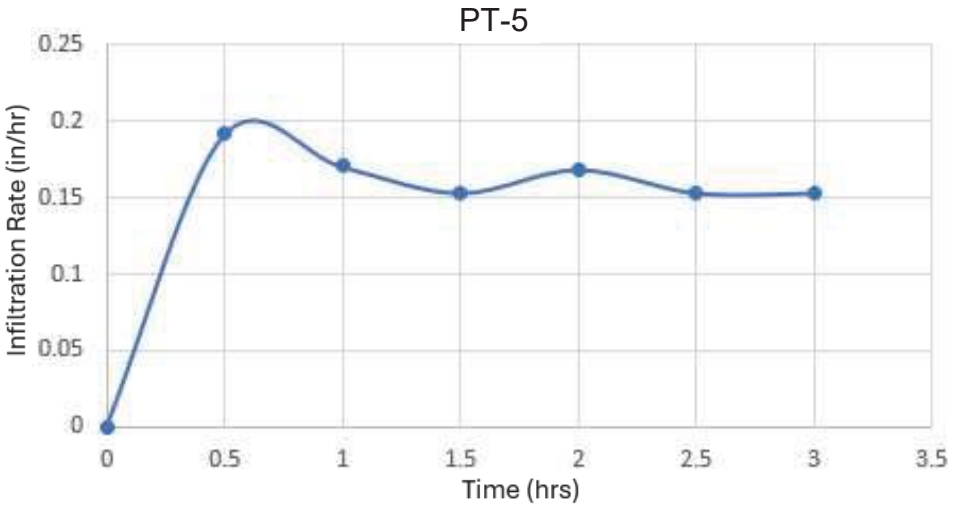


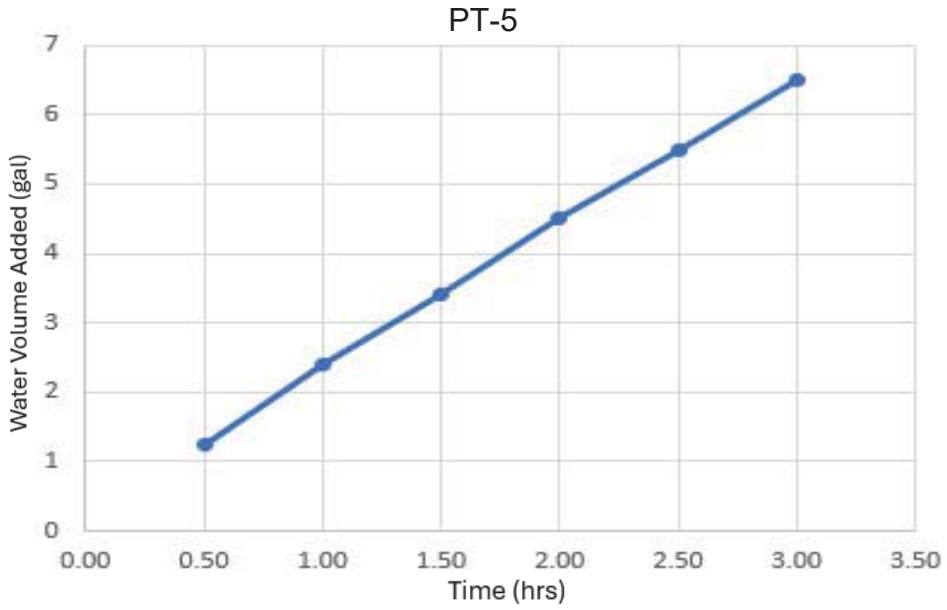
INFILTRATION TEST RESULT GRAPHS



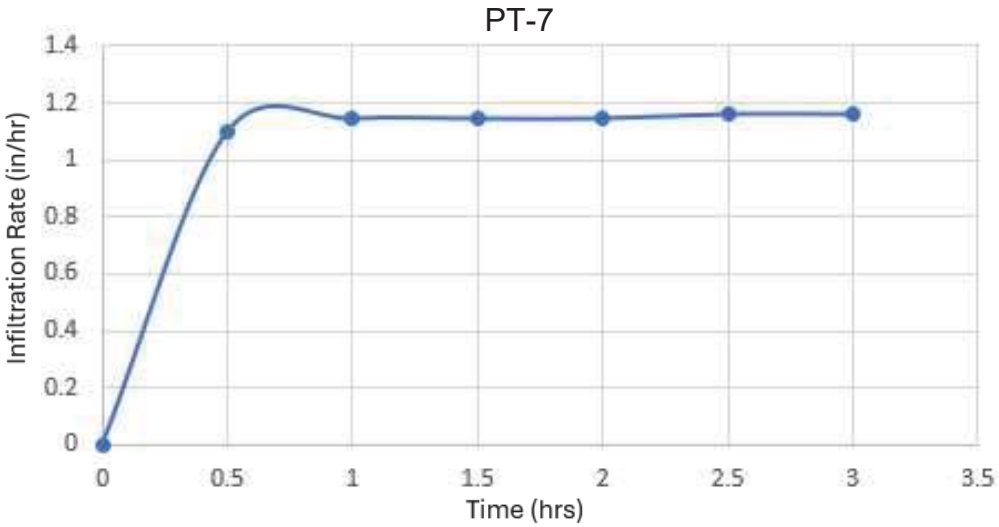


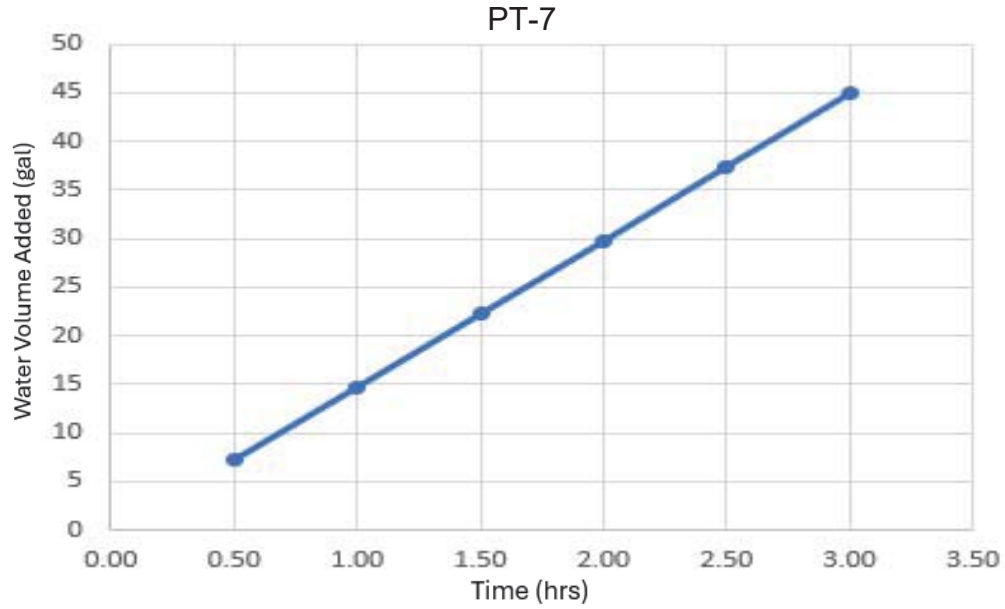
INFILTRATION TEST RESULT GRAPHS





INFILTRATION TEST RESULT GRAPHS





CONSTANT HEAD INFILTRATION TEST RESULTS

Constant Head InfiltrationTesting Field Log

Work Order: 9711.002
Date 6/10/2024

Project Location	Inglewood HS	Boring/Test Numbe	PT-1
Earth Description	Sand, Silty Sanc	Diameter of Boring (DIA	8
Tested By	SDF	radius (in feet)	0.33
Liquid Description	Tap Water	Length of Test Section	10
Measurement Metho	Water Sounder	Surface Area	20.9
Depth to Invert of BMF	25	Diameter of Casing	2
		Depth to Water Table	>50
Start Time for Pre-Soal	6/10/2024 12:00	Water Remaining in Boring (Y/N	N
Start Time for Tes	6/10/2024 13:00	Std Time Interval Btween Rdngs	20

Reading No.	Flow Meter Reading (gal)	Volume of Water (gal)	Time	Δ Time (min)	gal/min	in/hr
Initial	0		1:00:00 PM			0
1	79	79	1:20:00 PM	20	4.0	18.15
2	131.5	52.5	1:40:00 PM	20	2.6	12.06
3	195	63.5	2:00:00 PM	20	3.2	14.59
4	246	51	2:20:00 PM	20	2.6	11.72
5	304	58	2:40:00 PM	20	2.9	13.33
6	358	54	3:00:00 PM	20	2.7	12.41
7	410	52	3:20:00 PM	20	2.6	11.95
8	465	55	3:40:00 PM	20	2.8	12.64
9	523	58	4:00:00 PM	20	2.9	13.33
10						
11						
12						
Total		523 gal		180 min		
		120,813.0 cubic in		3 hr		

Raw Measured Rate = 13.35 in/hr
Reduction Factor = 5
Infiltration Rate = **2.67 in/hr**

CONSTANT HEAD INFILTRATION TEST RESULTS

Constant Head InfiltrationTesting Field Log

Work Order: 9711.002
Date 6/10/2024

Project Location	Inglewood HS	Boring/Test Numbe	PT-2
Earth Description	Sand, Silty Sanc	Diameter of Boring (DIA	8
Tested By	SDF	radius (in feet)	0.33
Liquid Description	Tap Water	Length of Test Section	14
Measurement Metho	Water Sounder	Surface Area	29.3
Depth to Invert of BMF	25	Diameter of Casing	2
		Depth to Water Table	>50
Start Time for Pre-Soal	6/10/2024 8:00	Water Remaining in Boring (Y/N	N
Start Time for Test	6/10/2024 9:00	Std Time Interval Btween Rdngs	20

Reading No.	Flow Meter Reading (gal)	Volume of Water (gal)	Time	Δ Time (min)	gal/min	in/hr
Initial	0		9:00:00 AM			0
1	102	102	9:20:00 AM	20	5.1	23.44
2	209	107	9:40:00 AM	20	5.4	24.59
3	295	86	10:00:00 AM	20	4.3	19.76
4	407	112	10:20:00 AM	20	5.6	25.74
5	511	104	10:40:00 AM	20	5.2	23.90
6	621	110	11:00:00 AM	20	5.5	25.28
7	723	102	11:20:00 AM	20	5.1	23.44
8	823	100	11:40:00 AM	20	5.0	22.98
9	920	97	12:00:00 PM	20	4.9	22.29
10						
11						
12						
Total		920 gal		180 min		
		212,520.0 cubic in		3 hr		

Raw Measured Rate = 16.78 in/hr
Reduction Factor = 5
Infiltration Rate = **3.36 in/hr**

CONSTANT HEAD INFILTRATION TEST RESULTS

Constant Head InfiltrationTesting Field Log

Work Order: 9711.002
Date 6/11/2024

Project Locatior	Inglewood HS	Boring/Test Numbe	PT-3
Earth Descriptior	Sand, Silty Sanc	Diameter of Boring (DIA	8
Tested By	SDF	radius (in feet)	0.33
Liquid Descriptior	Tap Water	Length of Test Section	15
Measurement Methoc	Water Sounder	Surface Area	31.4
Depth to Invert of BMF	25	Diameter of Casinc	2
		Depth to Water Table	>50
Start Time for Pre-Soal	6/11/2024 8:30	Water Remaining in Boring (Y/N	N
Start Time for Tes	6/11/2024 9:45	Std Time Interval Btween Rdngs	30

Reading No.	Flow Meter Reading (gal)	Volume of Water (gal)	Time	Δ Time (min)	gal/min	in/hr
Initial	0		9:45:00 AM			0
1	1.5	1.5	10:15:00 AM	30	0.1	0.23
2	3	1.5	10:45:00 AM	30	0.1	0.23
3	4.5	1.5	11:15:00 AM	30	0.1	0.23
4	6	1.5	11:45:00 AM	30	0.1	0.23
5	7.5	1.5	12:15:00 PM	30	0.1	0.23
6	9	1.5	12:45:00 PM	30	0.1	0.23
7						0.00
8						0.00
9						0.00
10						
11						
12						
Total		9 gal		180 min		
		2,079.0 cubic in		3 hr		

Raw Measured Rate = 0.15 in/hr
Reduction Factor = 5
Infiltration Rate = **0.03 in/hr**

CONSTANT HEAD INFILTRATION TEST RESULTS

Constant Head InfiltrationTesting Field Log

Work Order: 9711.002
Date 6/11/2024

Project Location	Inglewood HS	Boring/Test Numbe	PT-5
Earth Description	Silty - Clayey Sanc	Diameter of Boring (DIA	8
Tested By	JN	radius (in feet)	0.33
Liquid Description	Tap Water	Length of Test Section	1
Measurement Metho	Water Sounder	Surface Area	2.1
Depth to Invert of BMF	5	Diameter of Casing	2
		Depth to Water Table	>50
Start Time for Pre-Soal	6/11/2024 7:10	Water Remaining in Boring (Y/N	N
Start Time for Test	6/11/2024 8:14	Std Time Interval Btween Rdngs	30

Reading No.	Flow Meter Reading (gal)	Volume of Water (gal)	Time	Δ Time (min)	gal/min	in/hr
Initial	0		8:14:00 AM			0
1	1.25	1.25	8:44:00 AM	30	0.0	0.19
2	2.4	1.15	9:15:00 AM	31	0.0	0.17
3	3.4	1	9:45:00 AM	30	0.0	0.15
4	4.5	1.1	10:15:00 AM	30	0.0	0.17
5	5.5	1	10:45:00 PM	30	0.0	0.15
6	6.5	1	11:15:00 PM	30	0.0	0.15
7						0.00
8						0.00
9						0.00
10						
11						
12						
Total		6.5 gal		181 min		
		1,501.5 cubic in		3 hr		

Raw Measured Rate = 1.66 in/hr
Reduction Factor = 5
Infiltration Rate = **0.33 in/hr**

CONSTANT HEAD INFILTRATION TEST RESULTS

Constant Head InfiltrationTesting Field Log

Work Order: 9711.002
Date 9/12/2024

Project Locatior	Inglewood HS	Boring/Test Numbe	PT-7
Earth Descriptior	Sand - Sandy Clay	Diameter of Boring (DIA	8
Tested By	SDF	radius (in feet)	0.33
Liquid Descriptior	Tap Water	Length of Test Section	20
Measurement Methoc	Water Sounder	Surface Area	41.9
Depth to Invert of BMF	30	Diameter of Casinç	2
		Depth to Water Table	>50
Start Time for Pre-Soal	9/12/2024 11:05	Water Remaining in Boring (Y/N	Y
Start Time for Tes	9/12/2024 12:42	Std Time Interval Btween Rdngs	30

Reading No.	Flow Meter Reading (gal)	Volume of Water (gal)	Time	Δ Time (min)	gal/min	in/hr
Initial	0		12:42:00 PM			0
1	7.2	7.2	1:12:00 PM	30	0.2	1.10
2	14.7	7.5	1:42:00 PM	30	0.3	1.15
3	22.2	7.5	2:12:00 PM	30	0.3	1.15
4	29.7	7.5	2:42:00 AM	30	0.3	1.15
5	37.3	7.6	3:12:00 PM	30	0.3	1.16
6	44.9	7.6	3:42:00 PM	30	0.3	1.16
7						
8						
9						
10						
11						
12						
Total		44.9 gal		180 min		
		10,371.9 cubic in		3 hr		

Raw Measured Rate = 0.57 in/hr
Reduction Factor = 5
Infiltration Rate = **0.11 in/hr**

APPENDIX D

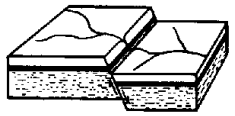
Laboratory Data

August 5, 2024
W.O. 9711.002
Revised September 25, 2024

Laboratory Test Summary

Depth	Geology	Sample Description	ST	w	DD	S	Max	Opt	EI	LL	PI	% Gravel	% Sand	%Fines	W.O. 9711
Excavation: B01 (TD= 27.5 ft, No GW)															
0	Older Alluvium	silty SAND (SM)	(B)				131.5	8	0			1	69	30	
5	Older Alluvium	silty SAND (SM)	(U)	11.4	124	88									
10	Older Alluvium	silty SAND (SM)	(U)	12	120.9	84									
12.5	Older Alluvium	silty SAND (SM)													
15	Older Alluvium	silty SAND (SM)	(U)	15.5	115.2	92									
17.5	Older Alluvium	silty SAND (SM)													
22.5	Older Alluvium	silty SAND (SM)	(U)	15.5	115.1	92									
27.5	Older Alluvium	SAND (SP)	(U)	5.7	107	27									
Excavation: B02 (TD= 50 ft, No GW)															
0	Older Alluvium	silty SAND (SM)	(B)				135.5	7.5	0						
5	Older Alluvium	SAND (SP)	(U)	9.8	120.1	67									
12.5	Older Alluvium	clayey SAND (SC)	(U)	18.5	114.3	100									
17.5	Older Alluvium	clayey SAND (SC)	(U)	16.7	114.8	98									
25	Older Alluvium	sandy CLAY (SC)	(U)	16.8	113.8	96									
35	Older Alluvium	silty SAND (SM)	(U)	13.3	106.6	63									
Excavation: PT01 (TD= 25 ft, No GW)															
10	Older Alluvium	silty SAND (SM)	(S)												
15	Older Alluvium	silty SAND (SM)	(S)									0	60	40	
25	Older Alluvium	sandy SILT (ML)	(S)										33	67	
Excavation: PT02 (TD= 25 ft, No GW)															
12.5	Older Alluvium	sandy SILT (ML)	(S)										46	54	
17.5	Older Alluvium		(S)										88	12	
22.5	Older Alluvium	silty SAND (SM)	(S)										63	37	
Excavation: PT05 (TD= 5 ft, No GW)															
0	Older Alluvium	silty SAND (SM)	(B)										63	37	
Excavation: PT07 (TD= 30 ft, No GW)															
10	Alluvium	silty SAND (SM)	(S)									2	83	15	
17.5	Alluvium	sandy SILT (ML)	(S)										44	56	
25	Alluvium	silty SAND (SM)	(S)										57	43	
30	Alluvium	silty SAND (SM)	(S)										66	34	

For abbreviation explanation see Legend on PLATE LS 2



Depth	Geology	Sample Description	ST	w	DD	S	Max	Opt	EI	LL	PI	% Gravel	% Sand	%Fines	W.O. 9711

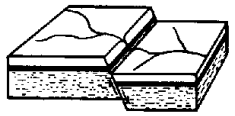
LEGEND

Depth = Sample Depth (ft) below ground surface
ST = Sample Type*
w = Initial Moisture Content (%)
DD = Initial Dry Unit Weight (pcf)
Max = Maximum Dry Unit Weight (pcf)
Opt = Optimum Moisture Content (%)
EI = Expansion Index
S = Degree of Saturation (%)

LL = Liquid Limit
PI = Plasticity Index
e = Void Ratio
n = Porosity (%)
WD = Initial Wet Unit Weight (pcf)
SD = Saturated Unit Weight (pcf)
BD = Bouyant (Submerged) Unit Weight (pcf) - Assuming water unit weight of 62.4 pcf

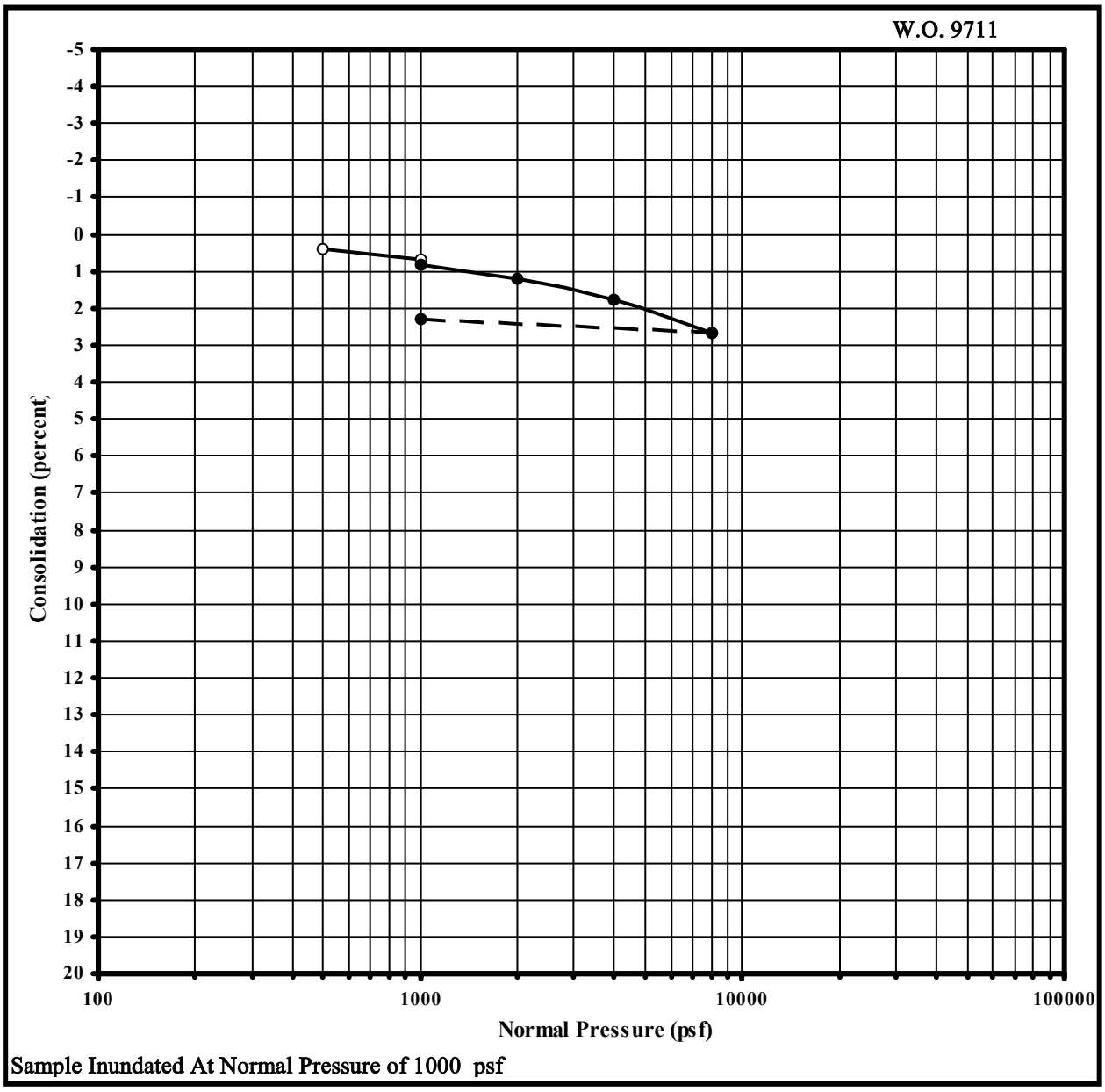
Consol = Consolidation Test Diagram (Plate No.)
Shear = Shear Test Diagram (Plate No.)

* Sample Types: (U) = relatively Undisturbed; (S) = SPT; (B) = Bulk; (N) = Nuclear; (SC) = Sand Cone



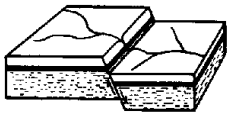
CONSOLIDATION RESULTS

Undisturbed Sample



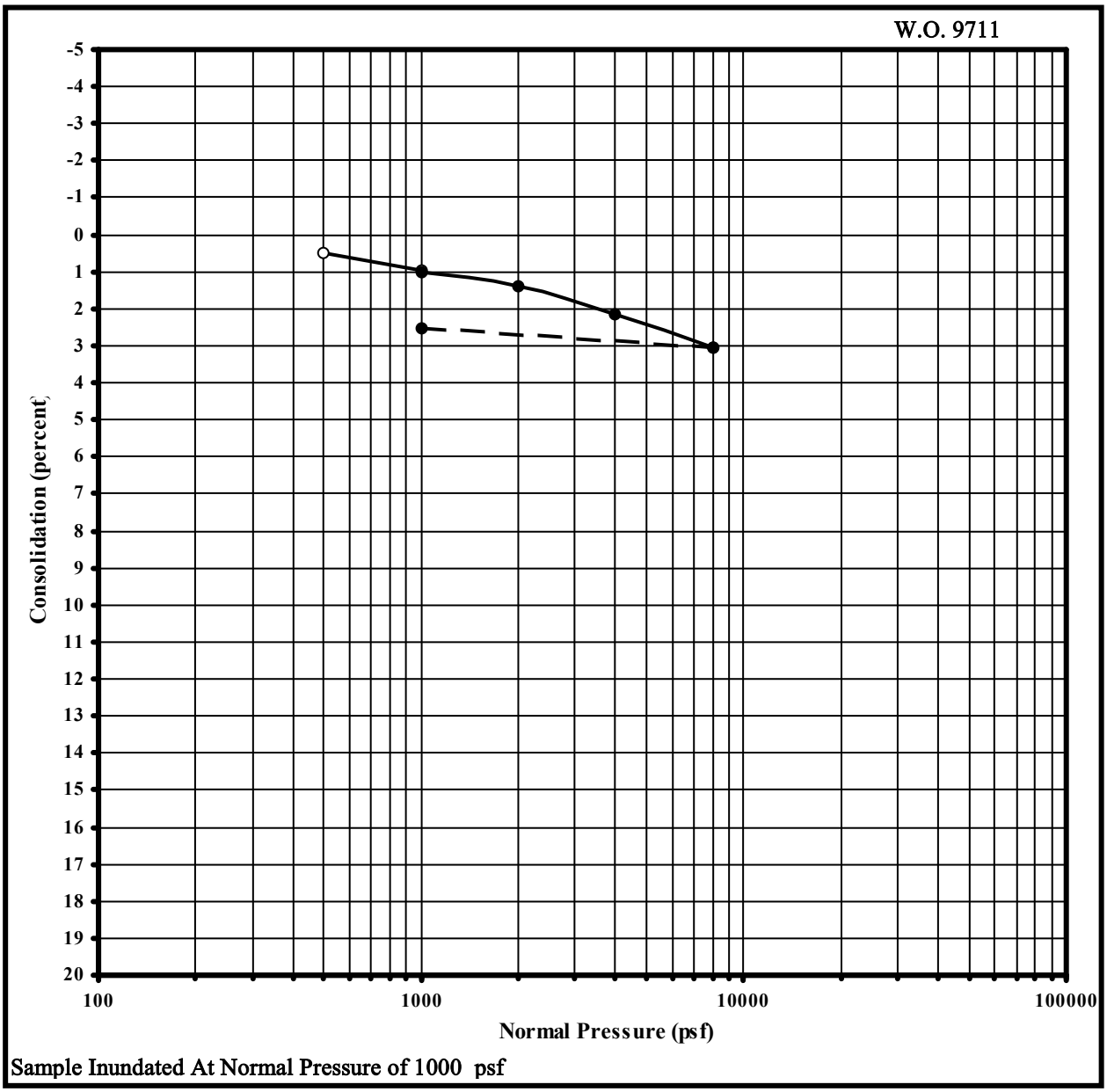
Sample Location: B01
Sample Depth: 5 ft.
Initial Moisture: 11.4 %
Init. Dry Density: 124 pcf

Geologic Unit: Older Alluvium
Material: silty SAND (SM)



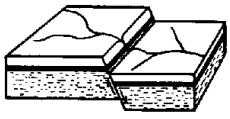
CONSOLIDATION RESULTS

Undisturbed Sample



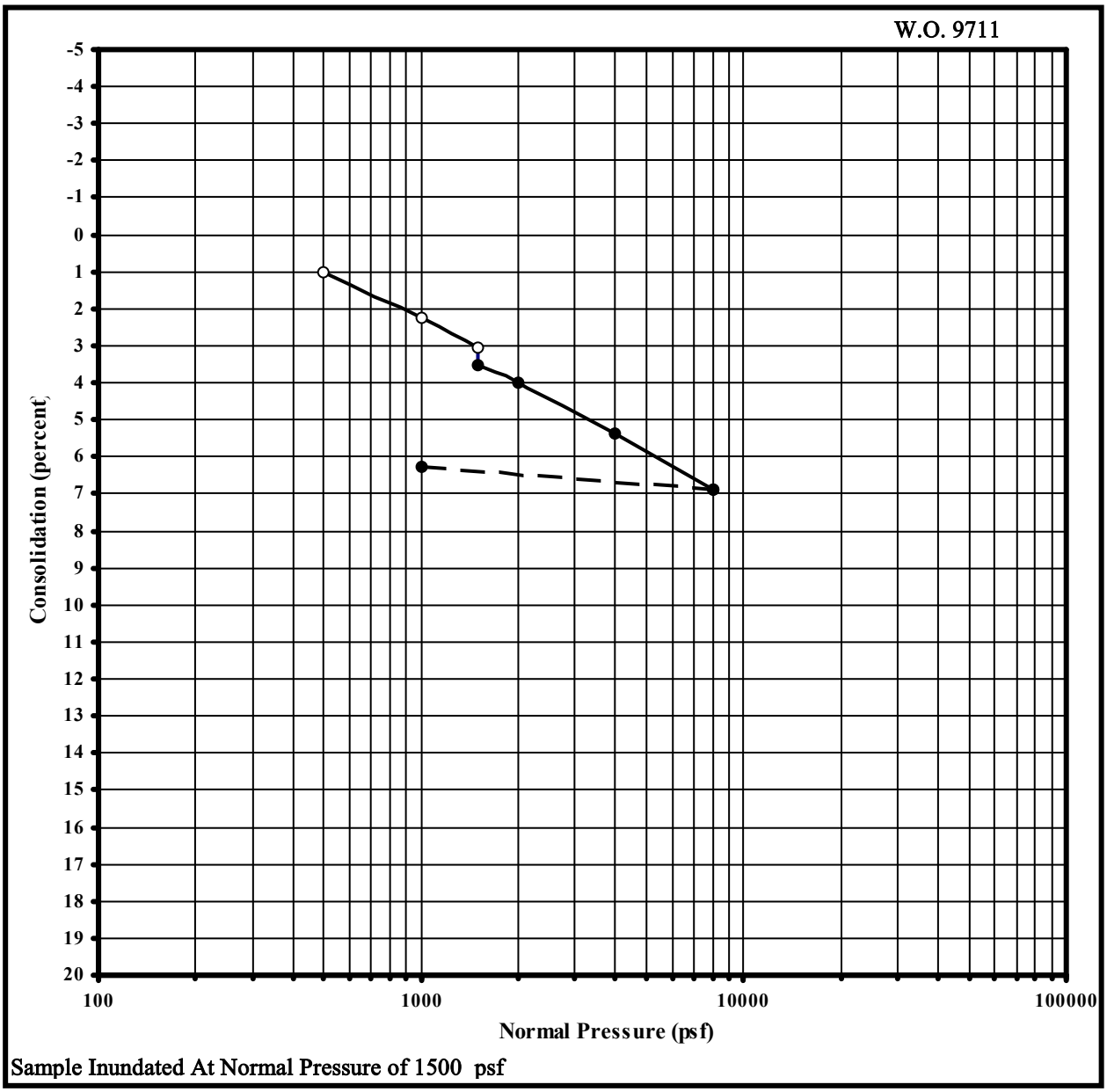
Sample Location: B01
Sample Depth: 10 ft.
Initial Moisture: 12 %
Init. Dry Density: 120.9 pcf

Geologic Unit: Older Alluvium
Material: silty SAND (SM)



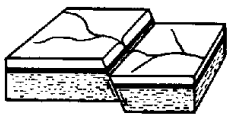
CONSOLIDATION RESULTS

Undisturbed Sample



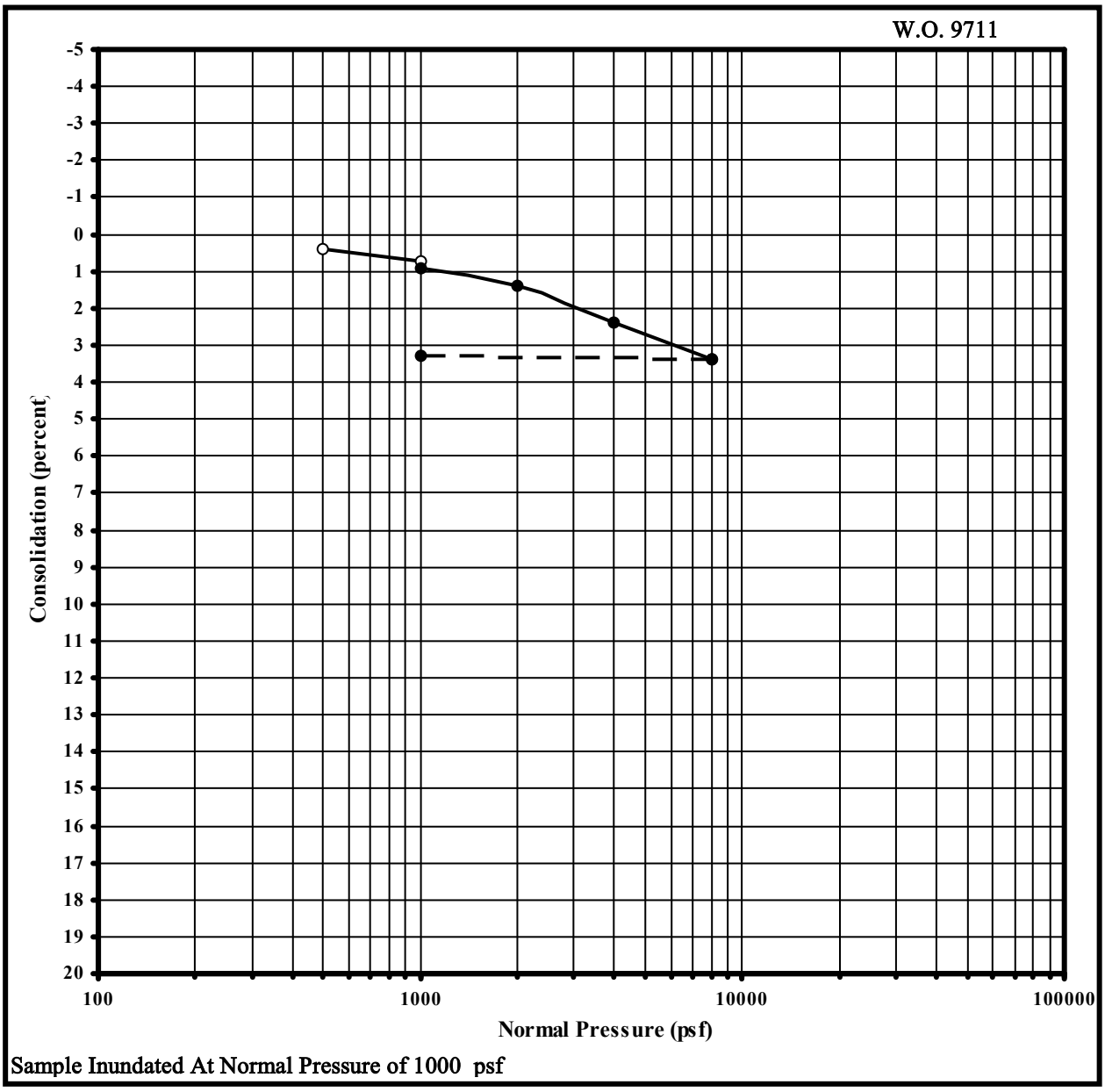
Sample Location: B01
Sample Depth: 15 ft.
Initial Moisture: 15.5 %
Init. Dry Density: 115.2 pcf

Geologic Unit: Older Alluvium
Material: silty SAND (SM)



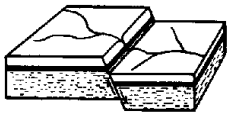
CONSOLIDATION RESULTS

Undisturbed Sample



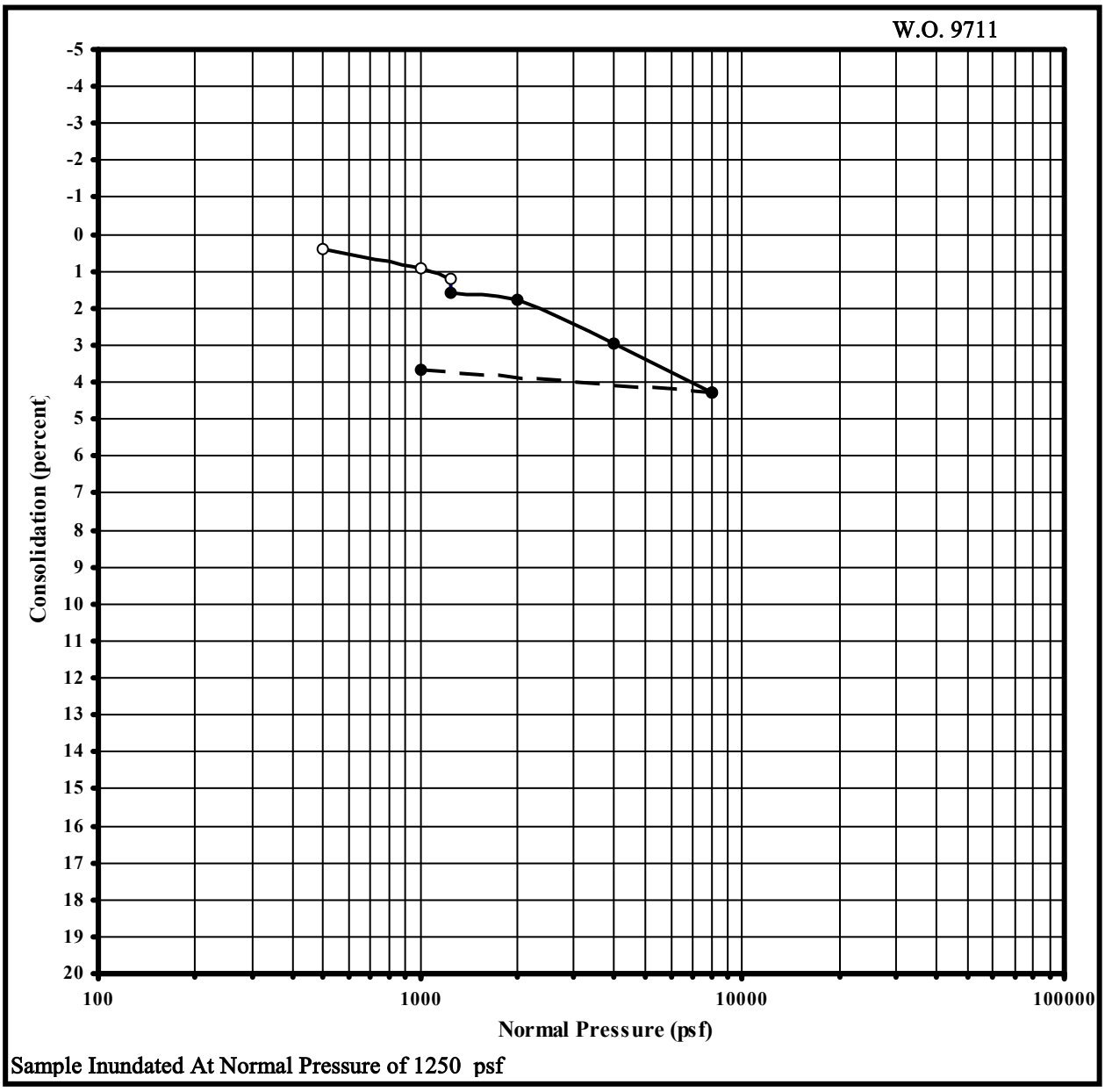
Sample Location: B02
Sample Depth: 5 ft.
Initial Moisture: 9.8 %
Init. Dry Density: 120.1 pcf

Geologic Unit: Older Alluvium
Material: SAND (SP)



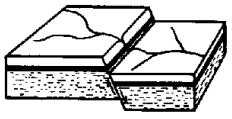
CONSOLIDATION RESULTS

Undisturbed Sample



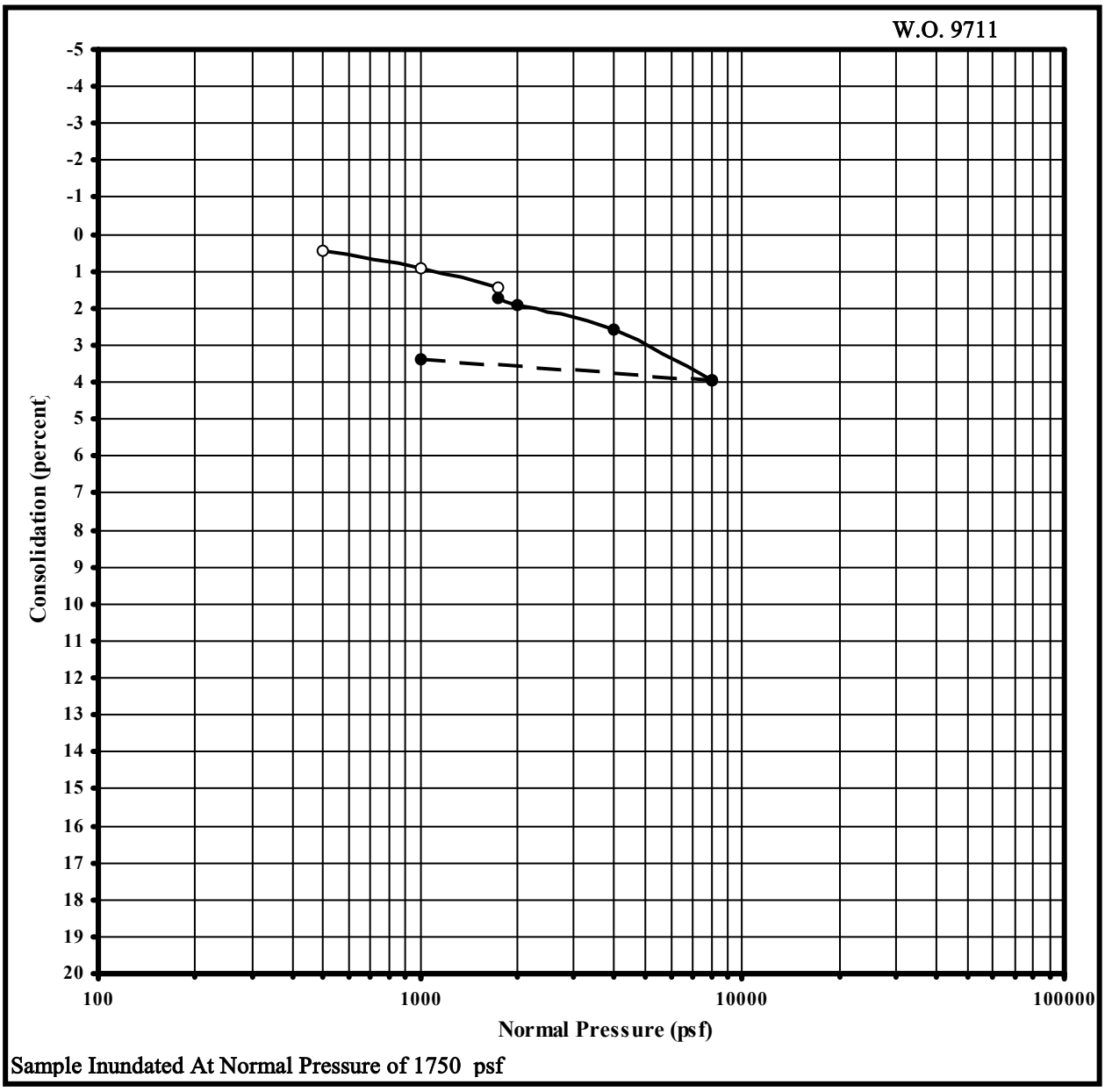
Sample Location: B02
Sample Depth: 12.5 ft.
Initial Moisture: 18.5 %
Init. Dry Density: 114.3 pcf

Geologic Unit: Older Alluvium
Material: clayey SAND (SC)



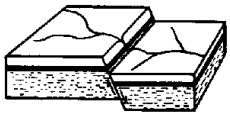
CONSOLIDATION RESULTS

Undisturbed Sample



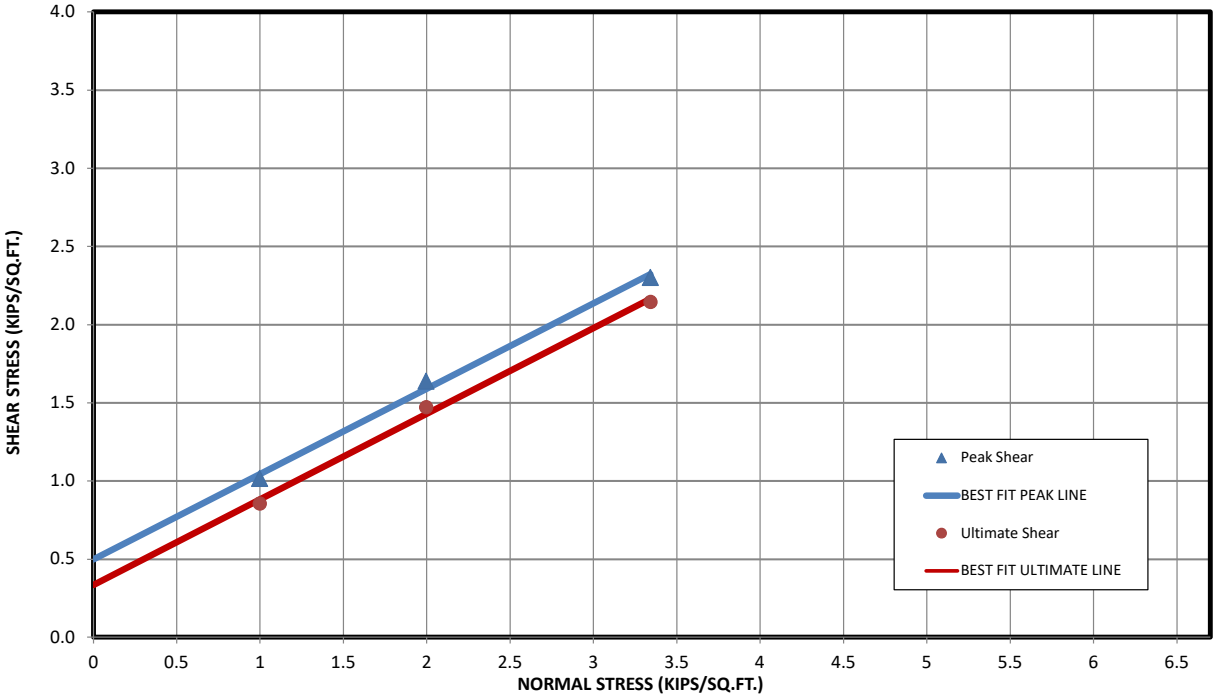
Sample Location: B02
Sample Depth: 17.5 ft.
Initial Moisture: 16.7 %
Init. Dry Density: 114.8 pcf

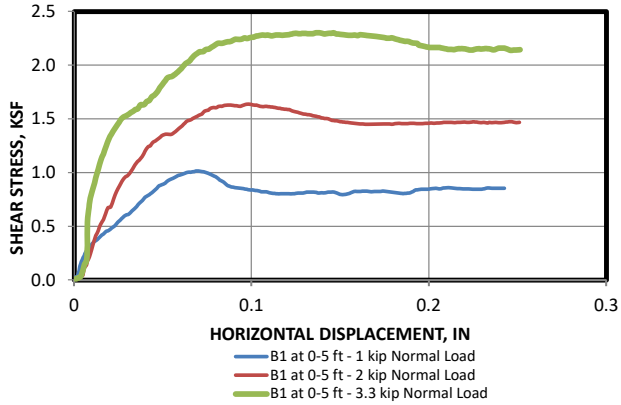
Geologic Unit: Older Alluvium
Material: clayey SAND (SC)



DIRECT SHEAR TEST RESULTS

Remolded 90% Relative Compaction





PROJECT:	Inglewood High School
W.O:	9711
EXCAVATION:	B1
DEPTH:	0-5 ft

	PEAK	ULT.	RES.
COHESION (KSF):	0.500	0.325	
PHI (DEG):	29	29	

TEST DATA:	#1	#2	#3
NORM. PRES. (KSF)	1.0	2.0	3.3
ULTIMATE			
SHEAR STRESS (KSF):	0.85	1.47	2.15
H.DISPL. (IN)	0.25	0.25	0.25
DISP. RATE (IN/MIN)	0.01	0.01	0.01
PEAK			
SHEAR STRESS (KSF):	1.01	1.64	2.30
H.DISPL. (IN)	0.07	0.10	0.14

PRESHEAR DRY DENSITY (PCF):	120.7	121.4	122.1
PRESHEAR MOISTURE (% OF DD):		14.0	
EST.VOID RATIO, e (preshear):	0.34	0.34	0.33

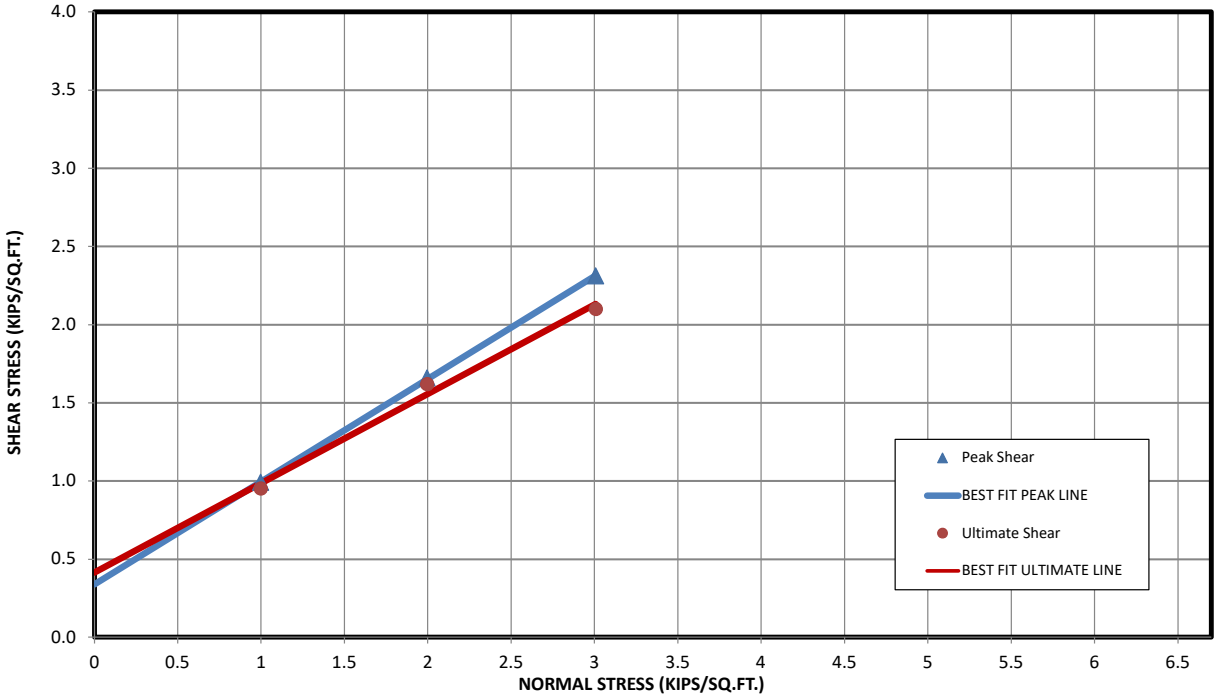
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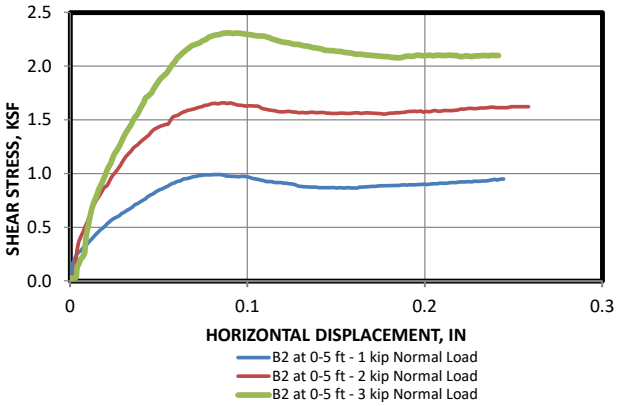
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S:\GEOTEST\shears\9711\TEST1271.DAT

a dba of
R & R Services

DIRECT SHEAR TEST RESULTS

Remolded 90% Relative Compaction





PROJECT:	Inglewood High School
W.O:	9711
EXCAVATION:	B2
DEPTH:	0-5 ft

TEST DATA:	#1	#2	#3
NORM. PRES. (KSF)	1.0	2.0	3.0
ULTIMATE			
SHEAR STRESS (KSF):	0.95	1.62	2.10
H.DISPL. (IN)	0.25	0.26	0.24
DISP. RATE (IN/MIN)	0.01	0.01	0.01
PEAK			
SHEAR STRESS (KSF):	0.99	1.66	2.31
H.DISPL. (IN)	0.08	0.09	0.09

	PEAK	ULT.	RES.
COHESION (KSF):	0.350	0.425	
PHI (DEG):	33	30	

PRESHEAR DRY DENSITY (PCF):	123.5	124.9	125.6
PRESHEAR MOISTURE (% OF DD):		14.0	
EST.VOID RATIO, e (preshear):	0.31	0.30	0.29

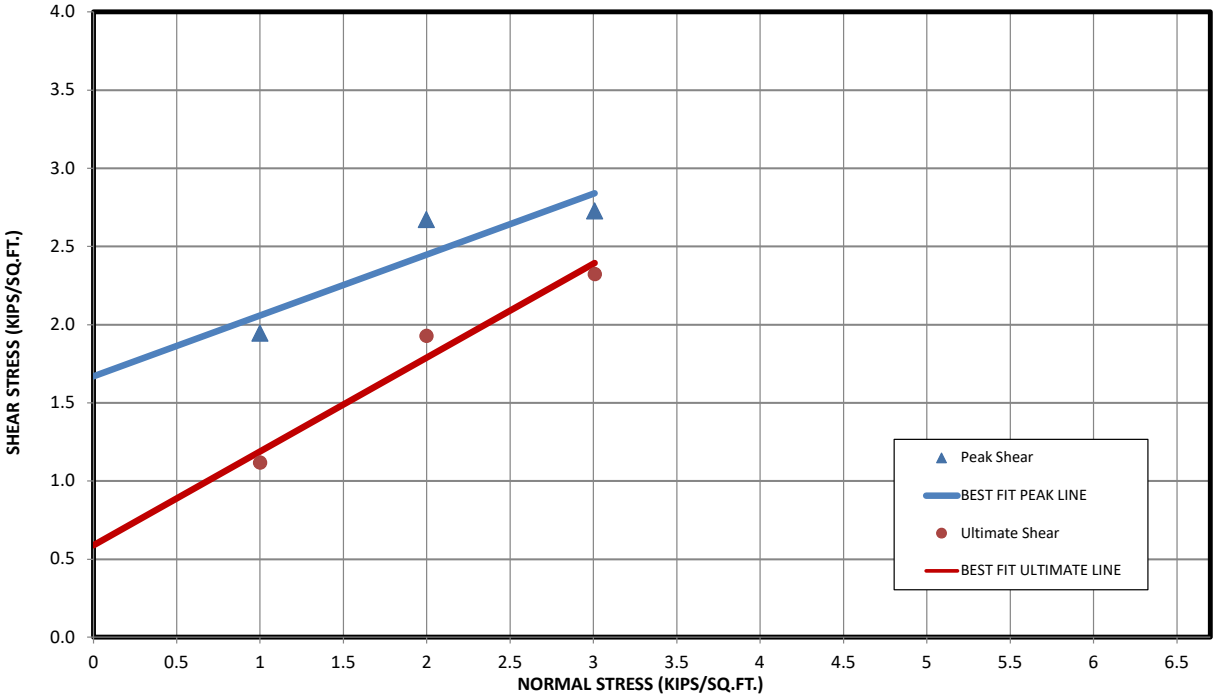
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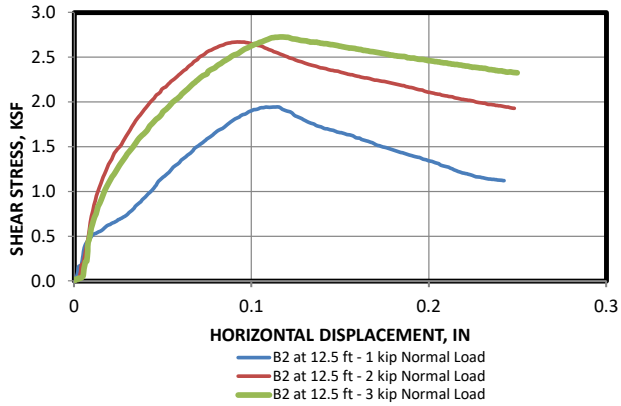
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S:\GEOTEST\shears\9711\TEST1268.DAT

a dba of
R & R Services

DIRECT SHEAR TEST RESULTS

Undisturbed Sample





PROJECT:	Inglewood High School
W.O:	9711
EXCAVATION:	B2
DEPTH:	12.5 ft

TEST DATA:	#1	#2	#3
NORM. PRES. (KSF)	1.0	2.0	3.0
ULTIMATE			
SHEAR STRESS (KSF):	1.12	1.93	2.32
H.DISPL. (IN)	0.25	0.25	0.25
DISP. RATE (IN/MIN)	0.01	0.01	0.01
PEAK			
SHEAR STRESS (KSF):	1.94	2.67	2.73
H.DISPL. (IN)	0.11	0.09	0.12

	PEAK	ULT.	RES.
COHESION (KSF):	1.675	0.600	
PHI (DEG):	21	31	

PRESHEAR DRY DENSITY (PCF):	116.4	116.3	118.0
PRESHEAR MOISTURE (% OF DD):		18.7	
EST.VOID RATIO, e (preshear):	0.39	0.40	0.38

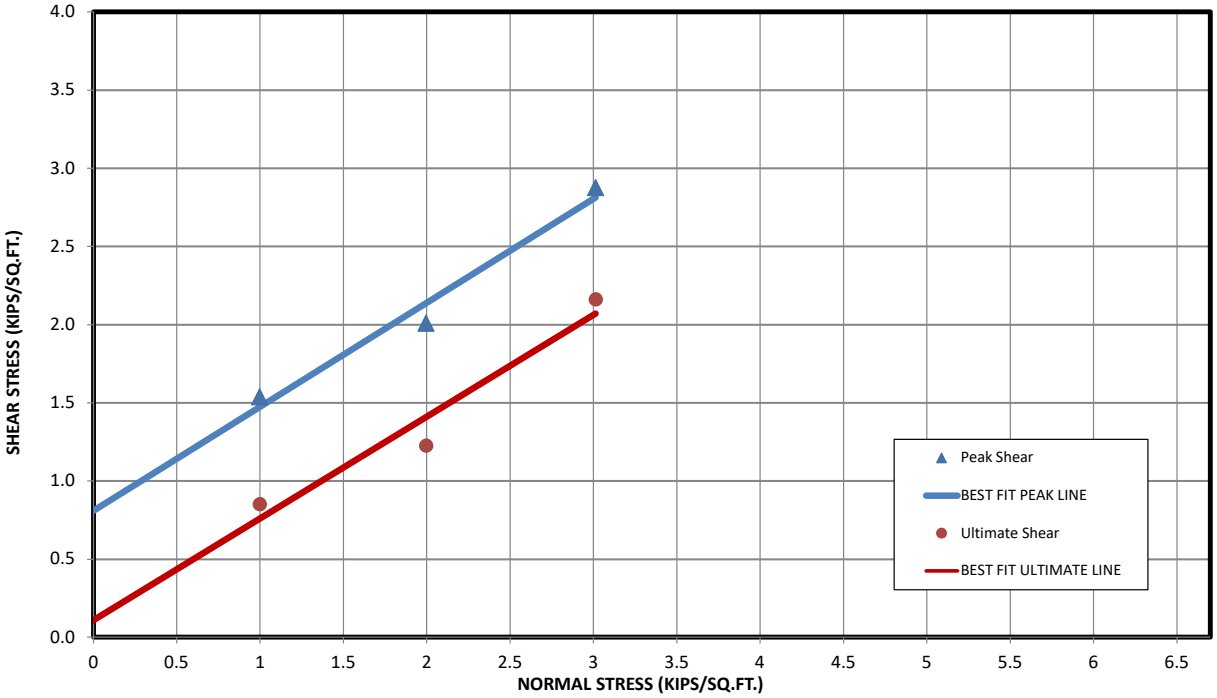
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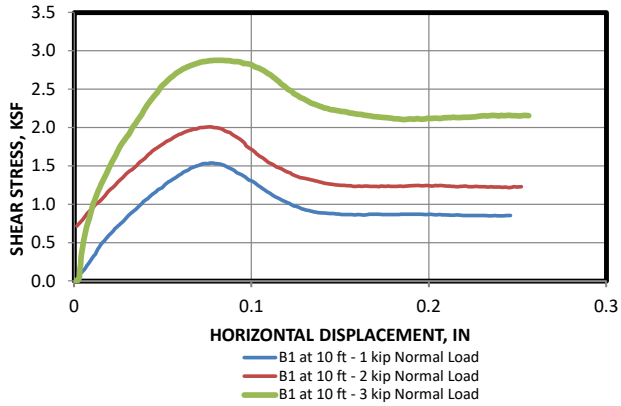
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S:\GEOTEST\shears\9711\TEST1264.DAT
S:\GEOTEST\shears\9711\TEST1265.DAT

a dba of
R & R Services

DIRECT SHEAR TEST RESULTS

Undisturbed Sample





PROJECT:	Inglewood High School
W.O:	9711
EXCAVATION:	B1
DEPTH:	10 ft

TEST DATA:	#1	#2	#3
NORM. PRES. (KSF)	1.0	2.0	3.0
ULTIMATE			
SHEAR STRESS (KSF):	0.85	1.23	2.16
H.DISPL. (IN)	0.25	0.25	0.26
DISP. RATE (IN/MIN)	0.01	0.01	0.01
PEAK			
SHEAR STRESS (KSF):	1.54	2.01	2.88
H.DISPL. (IN)	0.08	0.08	0.08

	PEAK	ULT.	RES.
COHESION (KSF):	0.800	0.100	
PHI (DEG):	34	33	

PRESHEAR DRY DENSITY (PCF):	123.0	124.3	124.9
PRESHEAR MOISTURE (% OF DD):		16.0	
EST.VOID RATIO, e (preshear):	0.32	0.30	0.30

TEST FILES:

S:\GEOTEST\shears\9711\TEST1260.DAT
S:\GEOTEST\shears\9711\TEST1261.DAT
S:\GEOTEST\shears\9711\TEST1262.DAT

a dba of
R & R Services

Soil Analysis Lab Results

Client: Geolabs-Westlake Village
Job Name: Inglewood High School
Client Job Number: 9711.002
Project X Job Number: S240701H
July 2, 2024

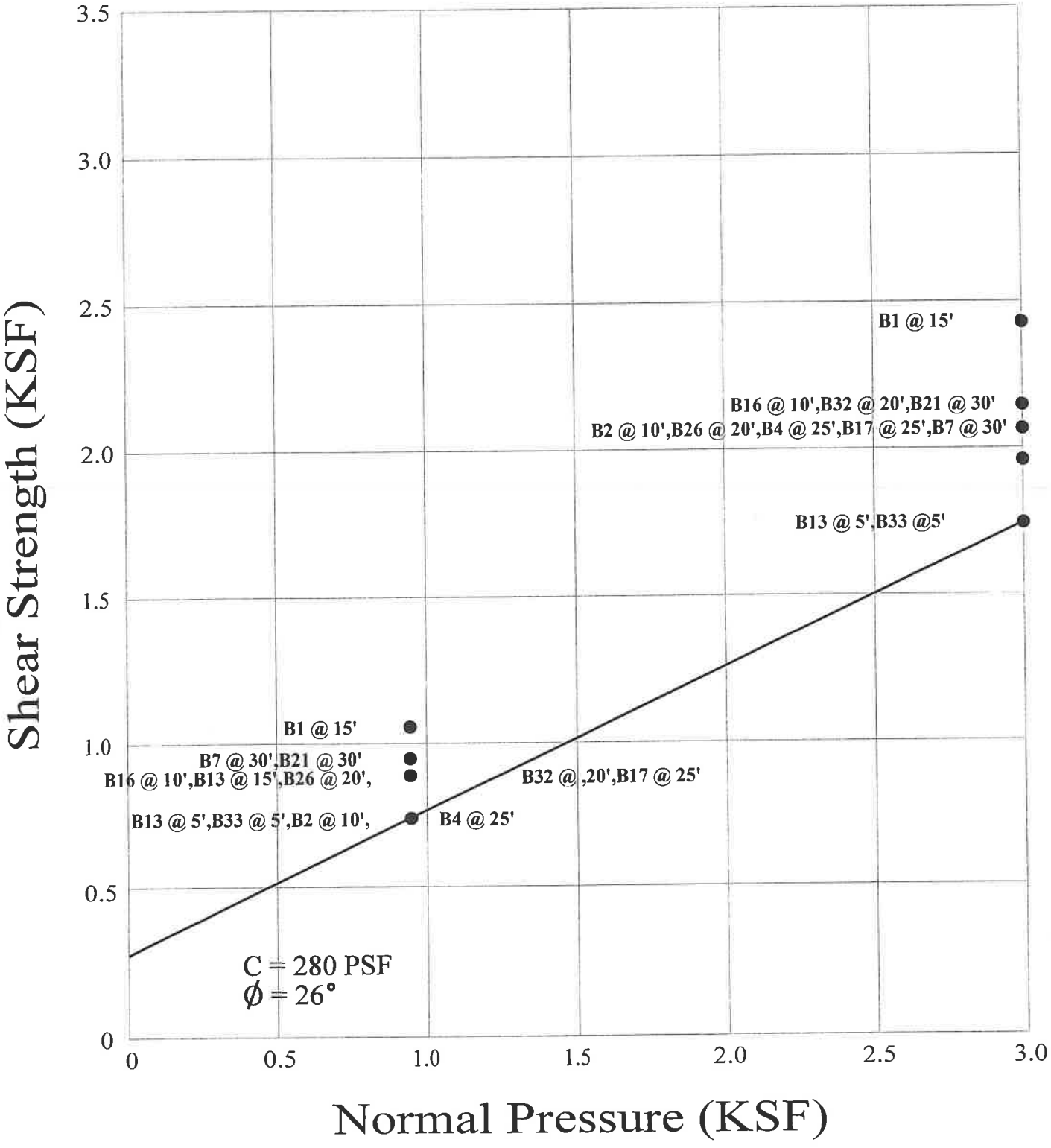
	Method	ASTM D4327		ASTM D4327		ASTM G187		ASTM G51	ASTM G200	SM 4500-D	ASTM D4327	ASTM D6919	ASTM D6919	ASTM D6919	ASTM D6919	ASTM D6919	ASTM D6919	ASTM D4327	ASTM D4327
Bore# / Description	**Depth**	**Sulfates** SO_4^{2-}		**Chlorides** Cl^-		**Resistivity** As Rec'd | Minimum		**pH**	**Redox**	**Sulfide** S^{2-}	**Nitrate** NO_3^-	**Ammonium** NH_4^+	**Lithium** Li^+	**Sodium** Na^+	**Potassium** K^+	**Magnesium** Mg^{2+}	**Calcium** Ca^{2+}	**Fluoride** F_2^{2-}	**Phosphate** PO_4^{3-}
	(ft)	(mg/kg)	(wt%)	(mg/kg)	(wt%)	(Ω-cm)	(Ω-cm)		(mV)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
B-1	0-5	75.1	0.0075	26.1	0.0026	73,700	11,390	6.5	138	1.7	12.8	0.4	ND	45.1	8.9	15.3	93.1	12.3	1.3
B-2	0-5	277.2	0.0277	34.3	0.0034	180,900	19,430	6.7	155	1.3	6.0	206.8	ND	43.1	9.9	18.2	95.2	6.9	1.8

Cations and Anions, except Sulfide and Bicarbonate, tested with Ion Chromatography
mg/kg = milligrams per kilogram (parts per million) of dry soil weight
ND = 0 = Not Detected | NT = Not Tested | Unk = Unknown
Chemical Analysis performed on 1:3 Soil-To-Water extract
PPM = mg/kg (soil) = mg/L (Liquid)

Note: Sometimes a bad sulfate hit is a contaminated spot. Typical fertilizers are Potassium chloride, ammonium sulfate or ammonium sulfate nitrate (ASN). So this is another reason why testing full corrosion series is good because we then have the data to see if those other ingredients are present meaning the soil sample is just fertilizer-contaminated soil. This can happen often when the soil samples collected are simply surface scoops. This is why it's best to dig in a foot, throw away the top and test the deeper stuff. Dairy farms are also notorious for these items.

If one sample pops up much more corrosive than all others, we would recommend collecting more samples surrounding the problem sample location to determine if the peak is isolated to it. This allows us to conclude it was a contaminated sample and able to declare it an outlier.

Try out our new online forms: SOIL CORROSIVITY & THERMAL RESISTIVITY LAB REQUEST FORM & IN-SITU WENNER 4 PIN QUOTE REQUEST FORM



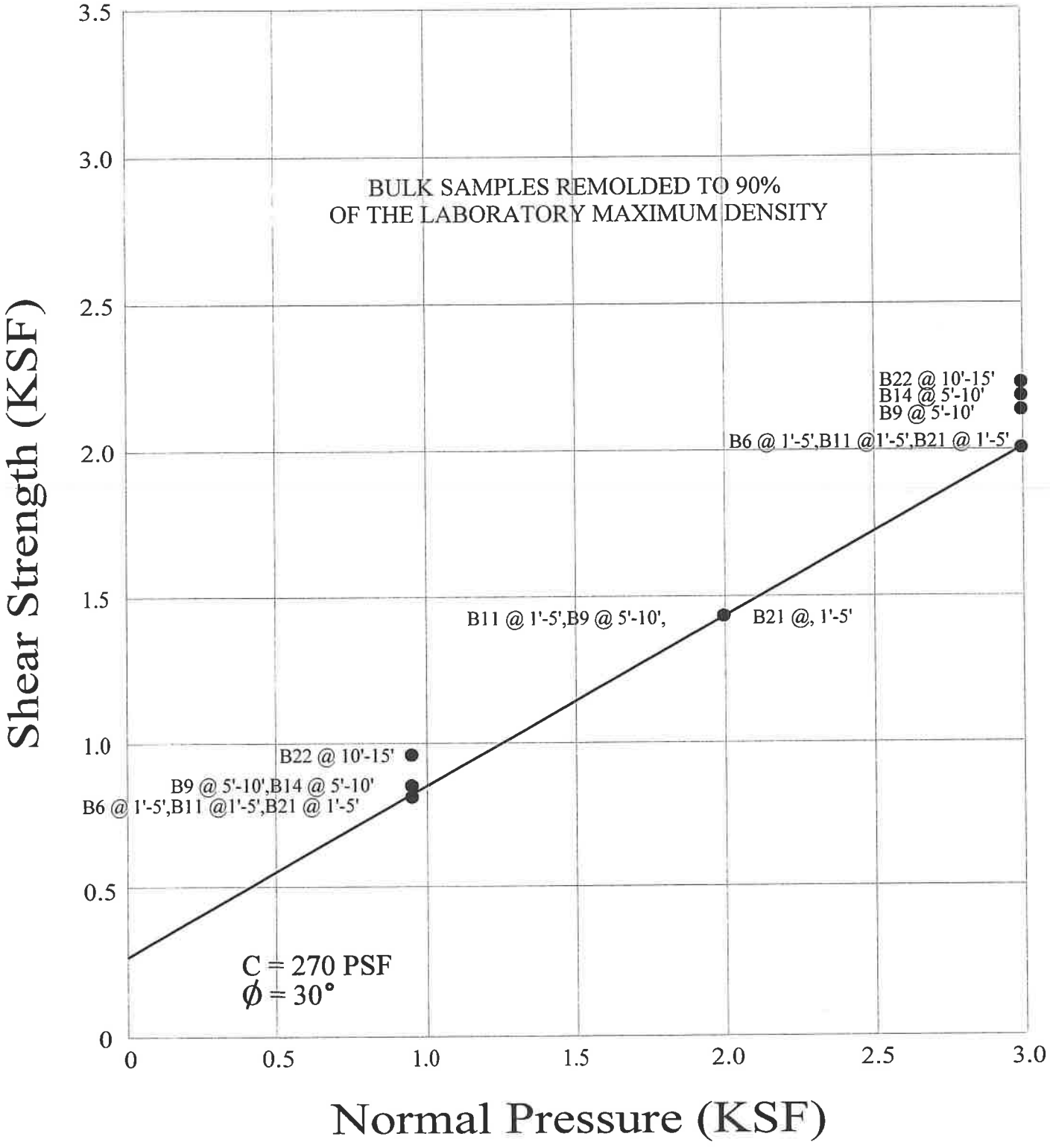
● Direct Shear, Saturated

SHEAR TEST DIAGRAM

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S PLATE: B-1



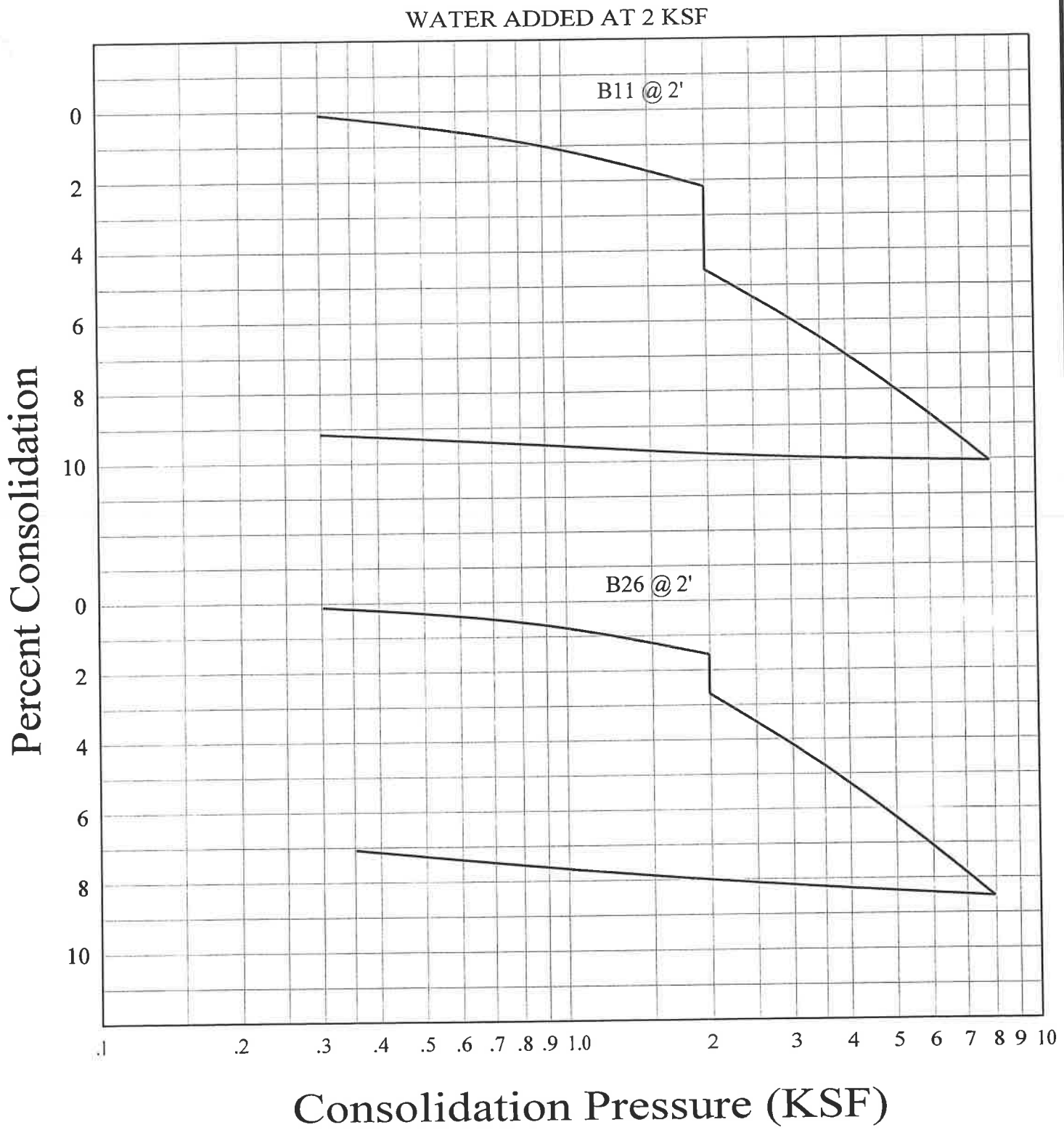
● Direct Shear, Saturated

SHEAR TEST DIAGRAM

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S PLATE: B-2

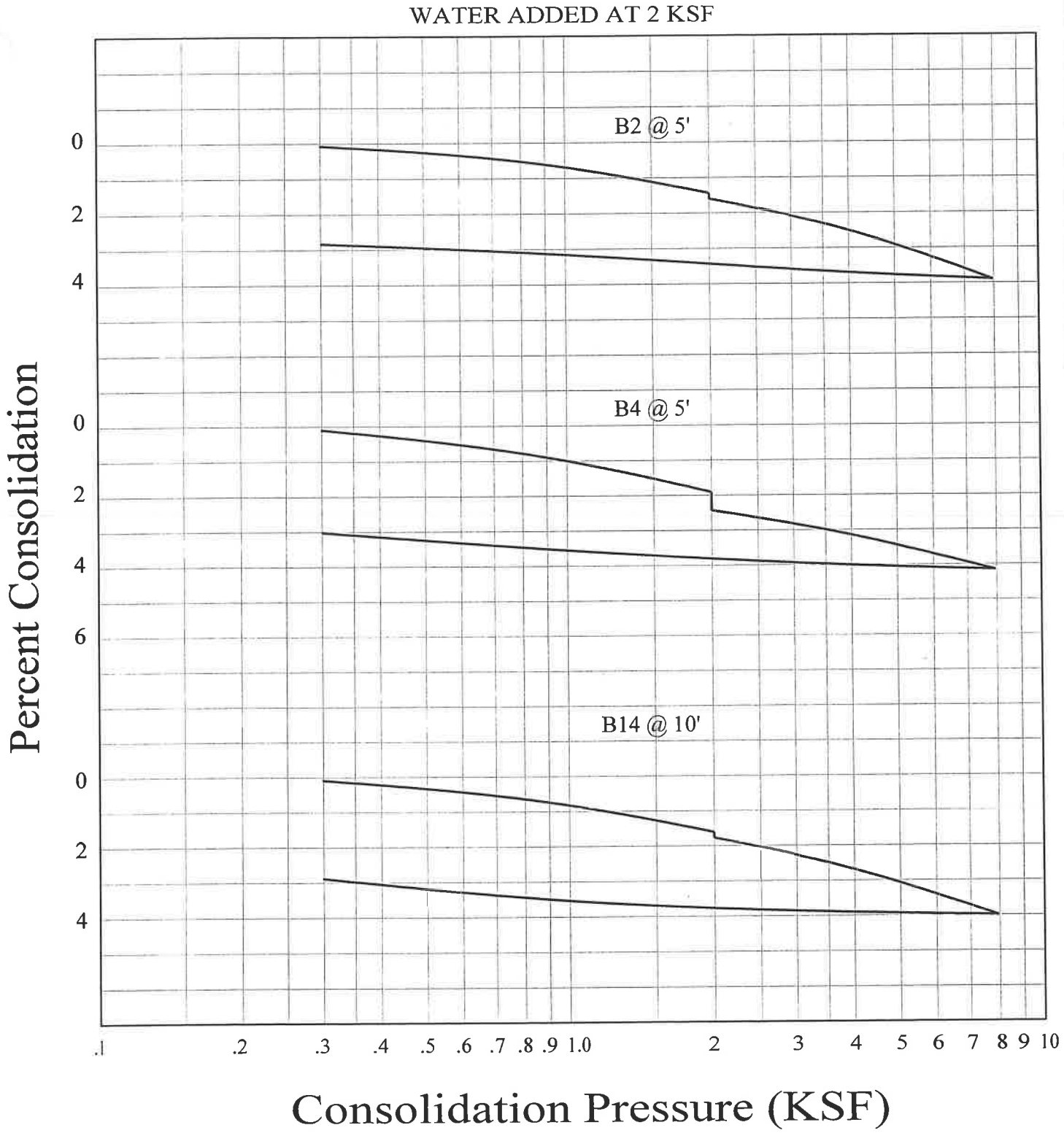


CONSOLIDATION TEST

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S | PLATE: C-1

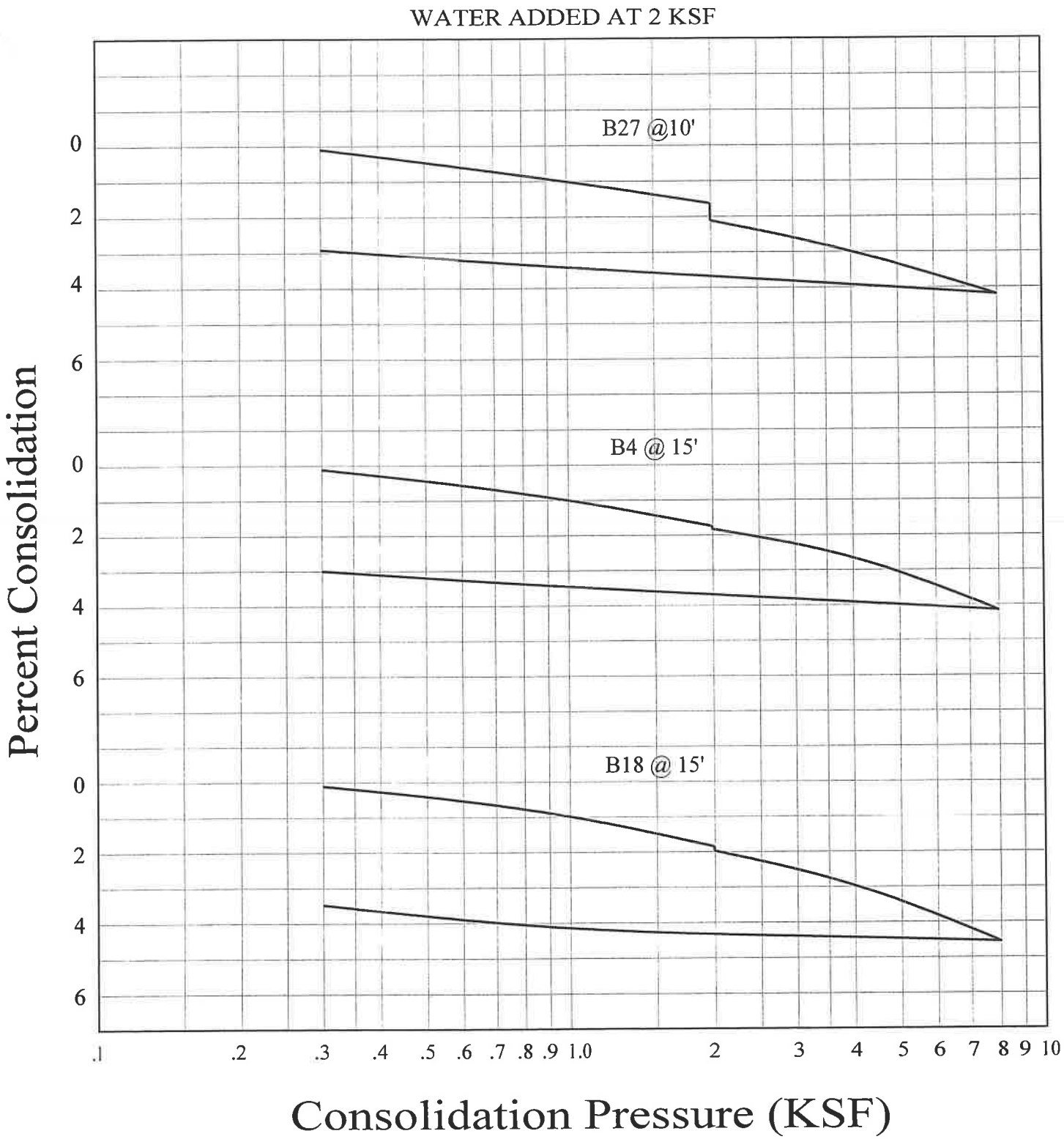


CONSOLIDATION TEST

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S PLATE: C-2

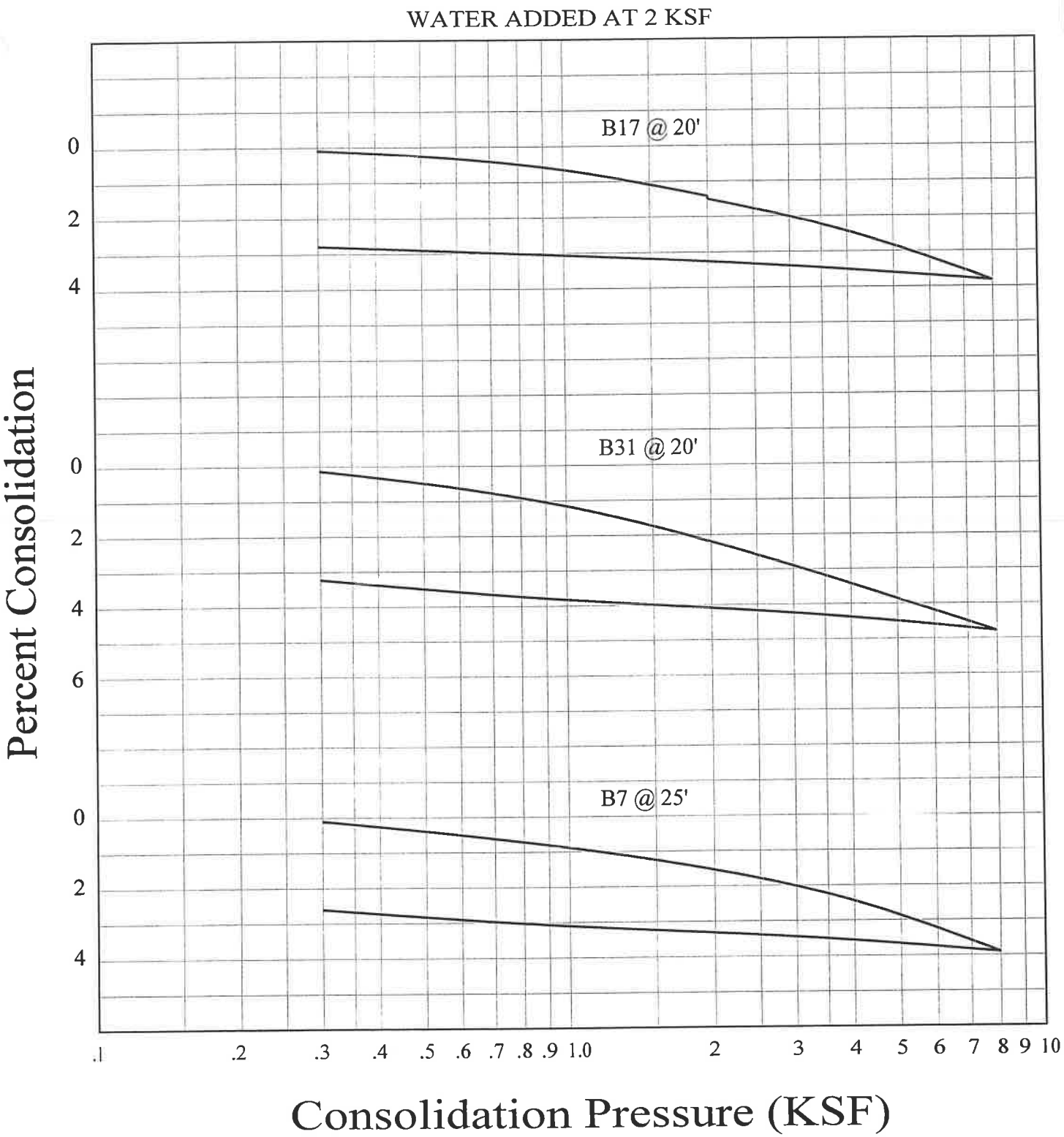


CONSOLIDATION TEST

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S PLATE: C-3

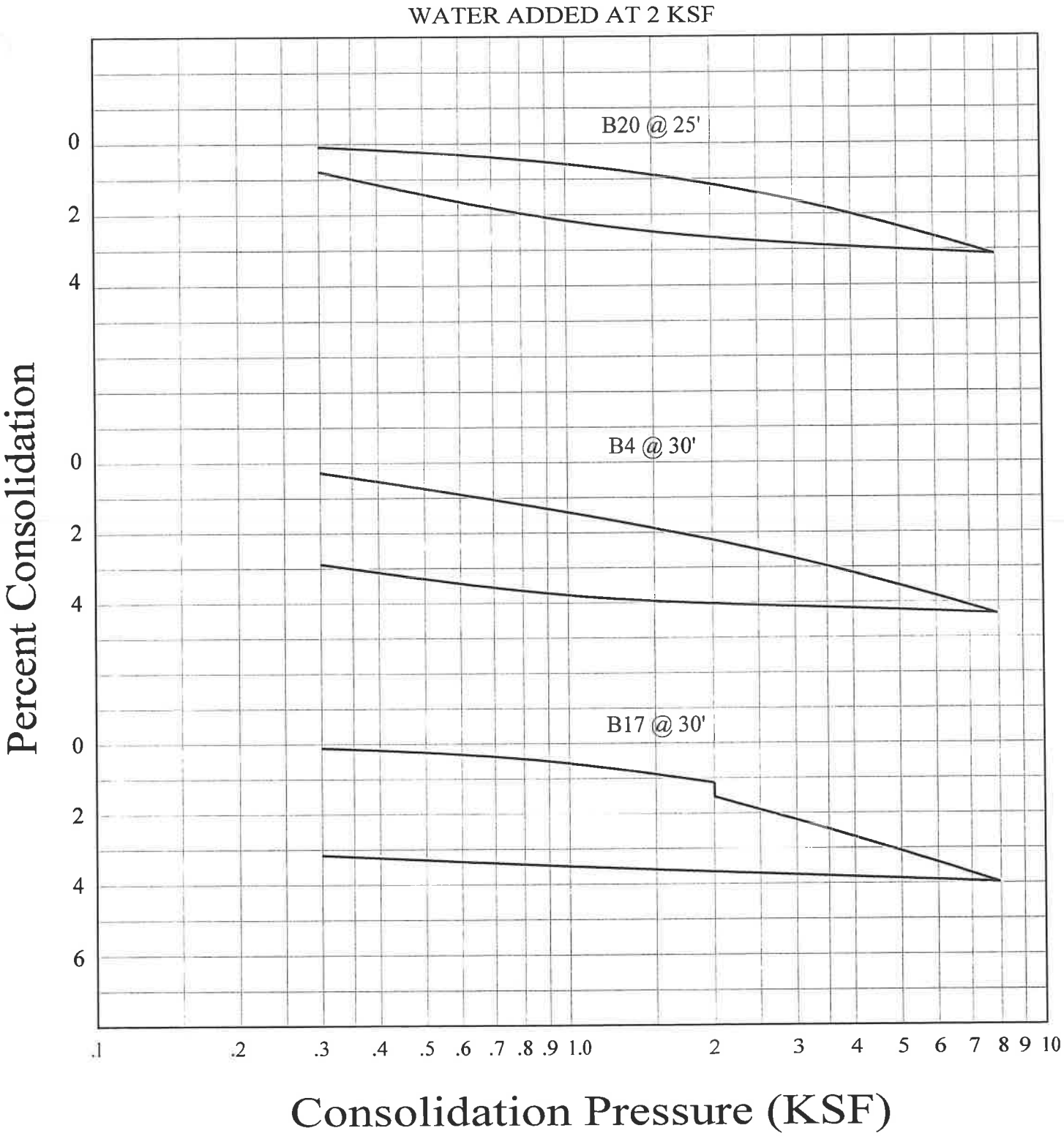


CONSOLIDATION TEST

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S | PLATE: C-4

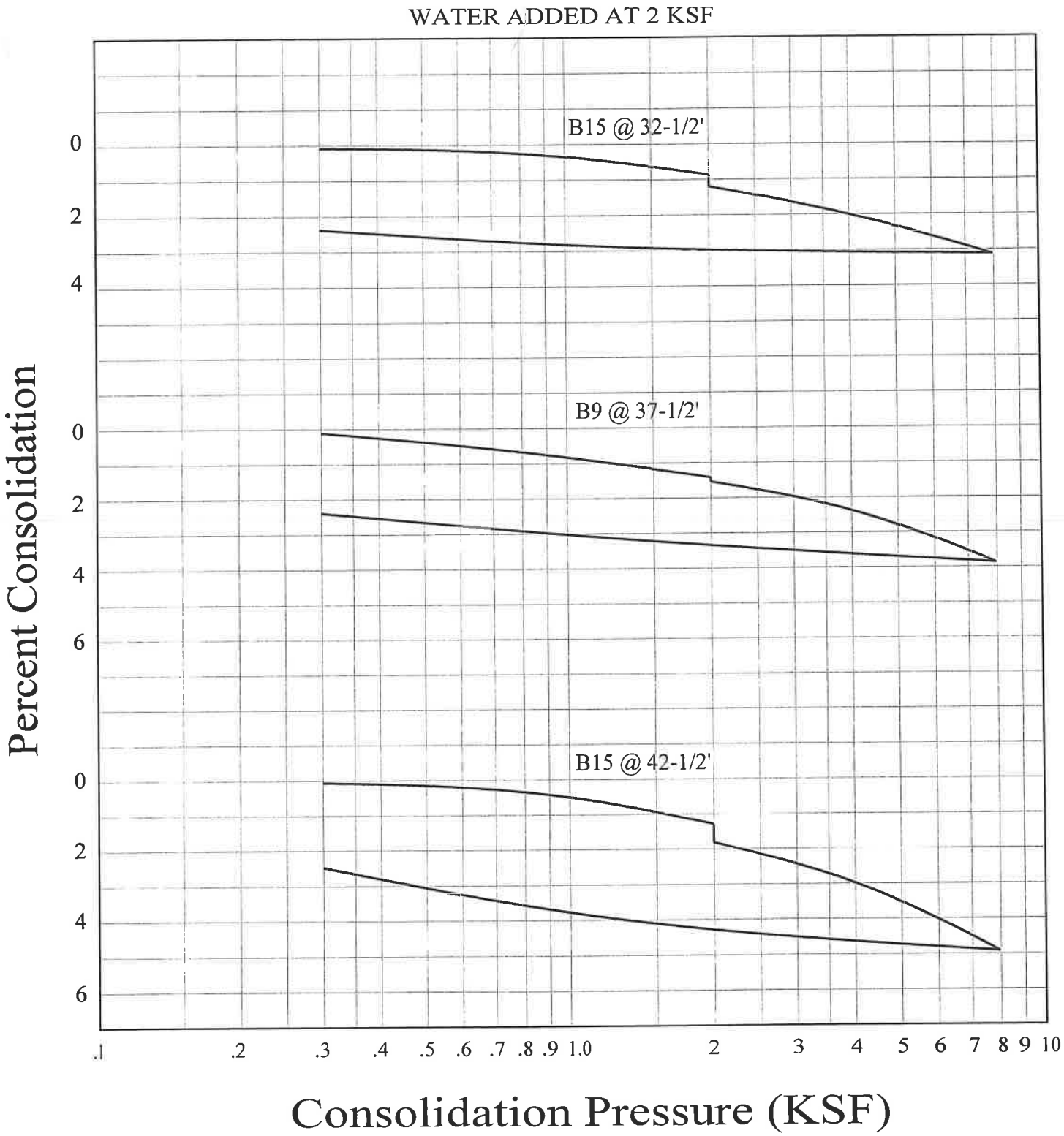


CONSOLIDATION TEST

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S PLATE: C-5

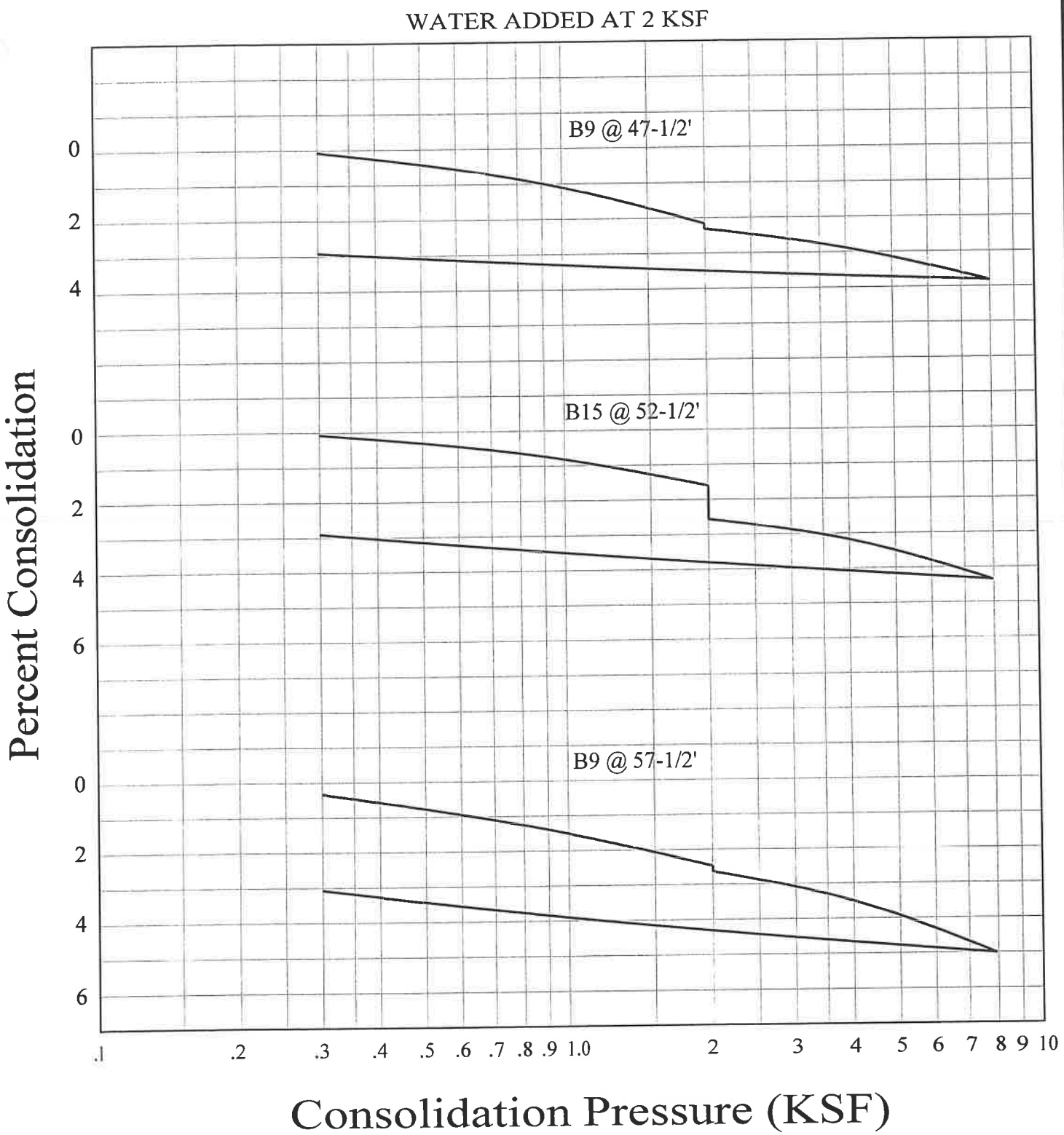


CONSOLIDATION TEST

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INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S PLATE: C-6



CONSOLIDATION TEST

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INGLEWOOD UNIFIED SCHOOL DISTRICT
231 South Grevillea Ave., Inglewood

FILE NO. 17959-S | PLATE: C-7

GEOTECHNOLOGIES, INC.
CONSULTING GEOTECHNICAL ENGINEERS

COMPACTION/EXPANSION/SULFATE DATA SHEET

ASTM D-1557

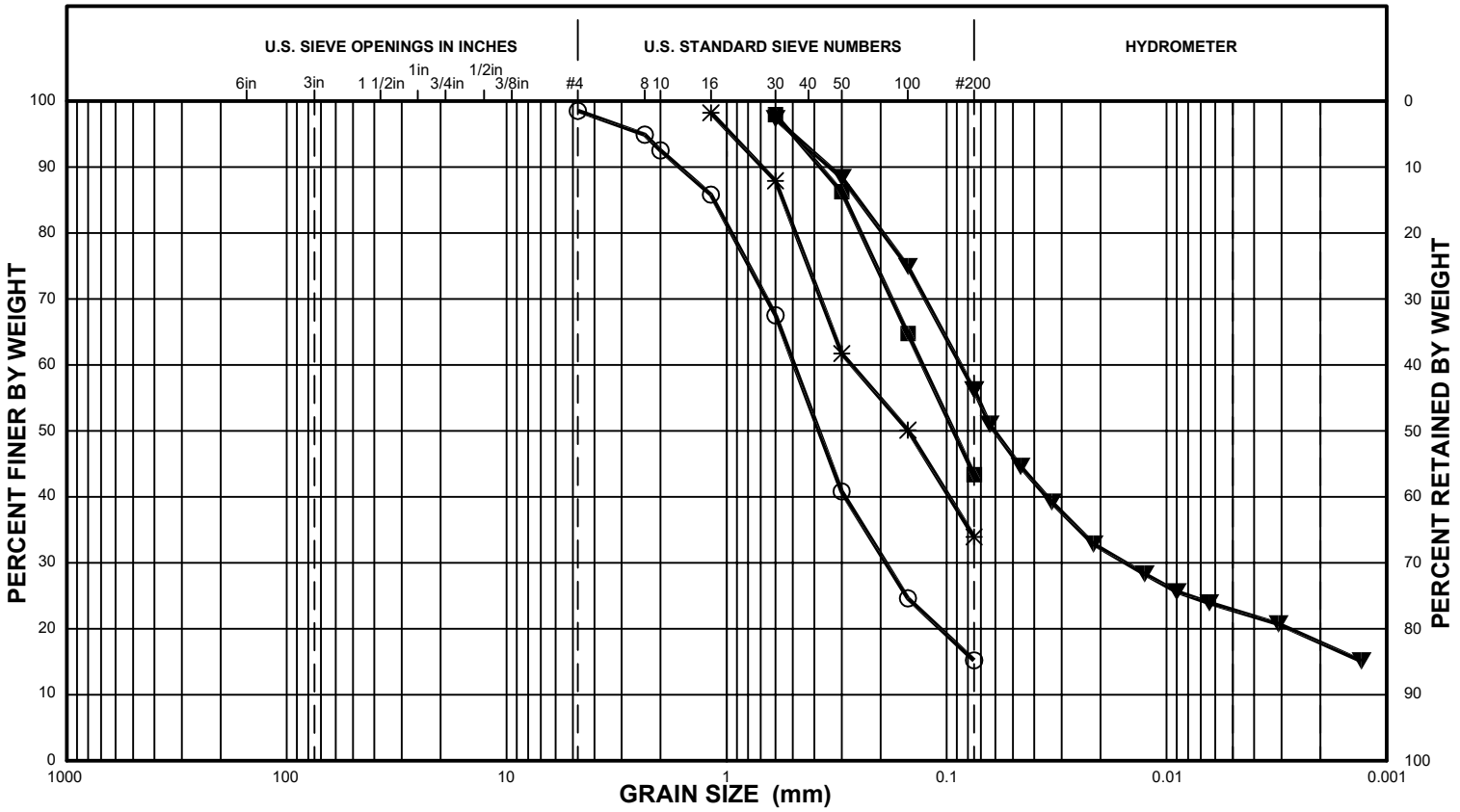
Sample	B6@1'-5'	B9@5'-10'	B11@1'-5'	B14@5'-10'	B21@1'-5'	B22@10'-15'
Soil Type	SC	SM	SM	SM	SM	SM/ML
Maximum Density (pcf)	131.0	133.5	130.5	131.5	130.5	133.5
Optimum Moisture Content	8.0	8.0	8.5	8.5	8.0	9.0

EXPANSION INDEX

ample	B6@1'-5'	B9@5'-10'	B11@1'-5'	B14@5'-10'	B21@1'-5'	B22@10'-15'
Swell - 60 Pounds Per Square Foot						
Air Dry (percent)	0.1	0.2	0.2	0.1	0.2	0.3
Saturation (percent)	0.3	0.0	0.9	0	0	1.1
Total (percent)	0.4	0.2	1.1	0.1	0.2	1.4
Expansion Index--UBC Standard 18-2	1	1	3	1	1	4
Expansion Character	Very low	Very low	Very low	Very low	Very low	Very low

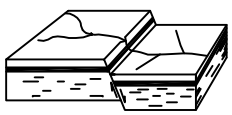
PLATE D

PARTICLE SIZE ANALYSIS



COBBLES & BOULDERS	GRAVEL		SAND			SILT & CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

	SAMPLE	DESCRIPTION	%GRAVEL	%SAND	%FINES	D60	D30	D10	Cu	Cc	LL	PI
○	PT07 @ 10'	Silty Sand (SM)	1.5	83.3	15.2	0.50	0.18	---	---	---	---	---
▼	PT07 @ 17.5'	Sandy Silt (ML)	---	44	56	0.086	0.015	---	---	---	---	---
■	PT07 @ 25'	Silty Sand (SM)	---	56.7	43.3	0.13	---	---	---	---	---	---
✳	PT07 @ 30'	Silty Sand (SM)	---	66.1	33.9	0.27	---	---	---	---	---	---



APPENDIX E

Seismicity Analyses

August 5, 2024
W.O. 9711.002
Revised September 25, 2024

INTRODUCTION

Project design in California requires assessment of seismic ground motions at the site location. The California Building Code (CBC) allows two separate methodologies, ground motions determined from mapped ground motion acceration parameters, and development of site-specific ground motions. This section of the report addresses the use of site-specific ground motion procedures.

PROJECT LOCATION

This project is the campus of Inglewood High School in the city of Inglewood. Project coordinates of Latitude 33.9606 degrees and Longitude -118.3560 degrees were assigned for this project.

SITE CONDITIONS

Ground motions are affected by the average shear wave velocity in the upper 100 feet (Vs30). For this site a Seismic Cone Penetrometer Test (SCPT) sounding was extended to a depth of nearly 100 feet with shear wave measurements taken at 5-foot intervals. Using the methodology provided in ASCE Standard 7-16 §20.4, the average shear wave velocity Vs30 at the site was estimated to be 425 m/s. That puts the site in site class C. Using ASCE Standard 7-22, which is expected to be adopted in the next triennial building code cycle, the site class will be CD.

SITE-SPECIFIC GROUND MOTION HAZARD ANALYSES

Geolabs – Westlake Village has performed a site-specific risk-targeted maximum considered earthquake (MCE_R) ground motion analyses in general accordance with ASCE 7-16, Chapter 21, §21.2. During the course of this analyses, the following general sequence of steps were performed.

- Site coordinates were obtained using Google Earth computer software
- A risk category was provided to our office by the design team
- The shear wave velocity Vs30 for the site was determined
    - Shear wave velocity was obtained using CGS map sheet 48: Shear-wave Velocity in Upper 30m of Surficial Geology (Vs30).
    - SCPT data was used to develop a site-specific shear-wave profile and average shear wave velocity in the upper 100 feet using the methodology of ASCE 7-16 §20.4.
- The site class was assigned based on the Vs30 information.
    - The current California Building Code (CBC) triennial cycle incorporates by reference ASCE 7-16, while the next cycle of the CBC will incorporate ASCE 7-22. Site classes in these two ASCE documents differ, so the site class has been determined in accordance with both documents.
- Mapped ground motion coefficients were obtained using the ASCE7 Hazard Tool Website.
- Basin effect coefficients Z1.0 and Z2.5 were obtained using OpenSHA Site Data Application (1.5.2)
- A site-specific deaggregation was performed using the USGS hazards interactive website to determine fault scenarios anticipated to be capable of producing significant contribution to ground motion at the site.
- Known active fault traces within a 30 km radius were determined using the UCERF3_EventSet_All data file.
- For these faults, fault parameters such as maximum magnitude, average dip, slip rate, dip direction, and depth were obtained from the UCERF3_EventSet_All data file and Open File Report ofr2013-1165 Table B1.
- Probabilistic MCE_R Response Spectrum was developed.

  - Using on-site Vs30 data, Response Spectrum for the Vs30 obtained from sCPT data was developed using the OpenSHA Hazard Spectrum GUI 1.5.2 application considering 5% damping and 1% probability of collapse in 50 years. This application produces GMRot50 response spectrum.
    - GMRot50 spectral accelerations were scaled in accordance with ASCE 7-16 to develop the maximum response.
    - Method 1 of ASCE 7-16 §21.2.1.1 was used to develop the probabilistic MCE_R ground motions.
      - Risk coefficients C_R and C_1 were obtained using the ATC Hazards by Location tool.
  - Probablistic MCE_R Response Spectrum was also developed using the ASCE7 Hazard Tool Website and site classes C and CD.
  - For this project, the probabilistic spectrum considering the site-specific Vs30 of 425 m/s was considered the Probabilistic MCE_R Response Spectrum.
- Deterministic MCE_R Response Spectrum was developed.
  - The USGS Earthquake Hazard Toolbox Response Spectra tool was used to develop 84th-percentile spectra with 5% damping for the faults considered to significantly contribute to ground motions at the site.
    - Scenario earthquakes contributing less than 10% of the largest contributor at each period was ignored.
    - The largest spectral acceleration at each period was used.
  - The 84th-percentile spectra were adjusted to the maximum direction in accordance with ASCE 7-16 §21.2.
- Site-Specific MCE_R spectral acceleration at any period was considered to be the lesser of the probabilistic and deterministic ground motions.
- Design Response was developed
  - The design spectral acceleration at any period was not allowed to be less than 80 percent of the spectral acceleration determined using the general methodology of ASCE 7-16 §11.4.6.
- Maximum Considered Earthquake spectral acceleration at any period was considered to be 1.5 times the design spectral acceleration value.
- Design ground motion acceleration parameters were developed in general accordance with ASCE 7-16 §21.4

Output from this site-specific ground motion hazard analyses are included in the following enclosures.

SITE-SPECIFIC SEISMIC GROUND MOTION ANALYSIS PER ASCE 7-16

PROJECT: Inglewood High School

LATITUDE:	33.9606
LONGITUDE:	-118.3560
APPROXIMATE ELEV (ft):	114
RISK CATEGORY:	III

SHEAR WAVE VELOCITY V_{S30} (m/s):	425
SOIL CLASS:	C
RETURN PERIOD (yrs):	2475
Depth to Vs = 2.5 km/sec (km):	4.15
Depth to Vs = 1.0 km/sec (km):	0.6
Percent Damping:	5%

MAPPED SEISMIC DESIGN COEFFICIENTS PER ASCE 7-16

S_S:	1.915	S_{MS}:	2.298	T_L:	8
S_1:	0.673	S_{M1}:	0.943	PGA:	0.825
F_a:	1.20	S_{DS}:	1.532	F_{PGA}:	1.2
F_v:	1.4	S_{D1}:	0.628	PGA_M:	0.99
$1.5*F_a$:	1.8	C_{RS}:	0.903	C_V:	1.283
		C_{R1}:	0.901		

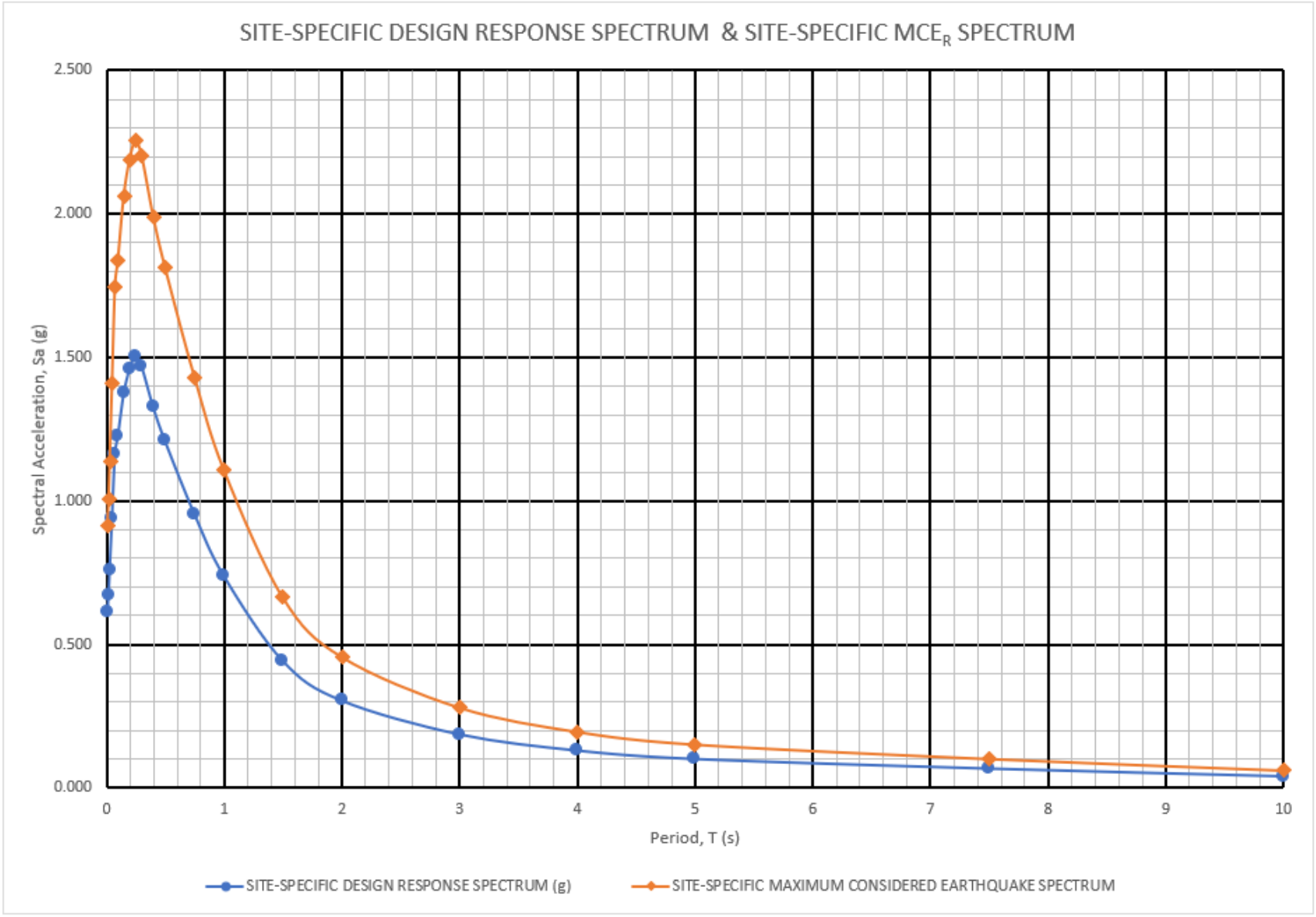
	§ 21.2.1.1 PROBABILISTIC				§ 21.2.2 DETERMINISTIC			§ 11.4.6 GENERAL PROCEDURE	§ 21.3 DESIGN RESPONSE SPECTRUM				MCE_R SPECTRUM
PERIOD (SEC)	SPECTRAL ACCELERATION (g)	MAXIMUM RESPONSE COEFFICIENTS	SEISMIC RISK COEFFICIENTS, Cr (Method 1)	MCE_R RESPONSE SPECTRUM (g)	84th-PERCENTILE SPECTRAL ACCELERATION (g)	MAXIMUM RESPONSE COEFFICIENTS	MCE_R RESPONSE SPECTRUM (g)	DESIGN RESPONSE SPECTRAL ACCEL (g)	SITE-SPECIFIC (MCE_R) S_{aM} (g)	2/3 * S_{aM} (g)	LOWER LIMIT FROM GENERAL PROCEDURE 80% OF S_a (g)	SITE-SPECIFIC DESIGN RESPONSE SPECTRUM (g)	SITE-SPECIFIC MAXIMUM CONSIDERED EARTHQUAKE SPECTRUM (g)
0.01	0.922	1.10	0.903	0.915	1.165	1.10	1.282	0.725	0.915	0.610	0.580	0.610	0.915
0.02	0.934	1.10	0.903	0.928	1.179	1.10	1.297	0.837	0.928	0.619	0.670	0.670	1.004
0.03	0.998	1.10	0.903	0.992	1.236	1.10	1.360	0.949	0.992	0.661	0.759	0.759	1.139
0.05	1.205	1.10	0.903	1.197	1.440	1.10	1.584	1.173	1.197	0.798	0.939	0.939	1.408
0.075	1.532	1.10	0.903	1.521	1.767	1.10	**1.944**	1.454	1.521	1.014	1.163	1.163	1.744
0.1	1.785	1.10	0.903	1.773	2.045	1.10	**2.250**	1.532	1.773	1.182	1.226	1.226	1.838
0.15	2.076	1.10	0.903	2.062	2.425	1.10	**2.668**	1.532	2.062	1.374	1.226	1.374	2.062
0.2	2.203	1.10	0.903	2.189	2.713	1.10	**2.985**	1.532	2.189	1.459	1.226	1.459	2.189
0.25	2.245	1.11	0.903	2.255	2.896	1.11	**3.222**	1.532	2.255	1.503	1.226	1.503	2.255
0.3	2.171	1.13	0.903	2.205	3.044	1.13	**3.425**	1.532	2.205	1.470	1.226	1.470	2.205
0.4	1.918	1.15	0.903	1.990	2.832	1.15	**3.257**	1.532	1.990	1.327	1.226	1.327	1.990
0.5	1.710	1.18	0.902	1.813	2.612	1.18	**3.069**	1.256	1.813	1.209	1.005	1.209	1.813
0.75	1.283	1.24	0.902	1.431	2.038	1.24	**2.522**	0.837	1.431	0.954	0.670	0.954	1.431
1.0	0.945	1.30	0.901	1.107	1.593	1.30	**2.070**	0.628	1.107	0.738	0.502	0.738	1.107
1.5	0.556	1.33	0.901	0.663	1.030	1.33	1.365	0.419	0.663	0.442	0.335	0.442	0.663
2.0	0.375	1.35	0.901	0.456	0.722	1.35	0.975	0.314	0.456	0.304	0.251	0.304	0.456
3.0	0.221	1.40	0.901	0.279	0.452	1.40	0.633	0.209	0.279	0.186	0.167	0.186	0.279
4.0	0.149	1.45	0.901	0.195	0.309	1.45	0.448	0.157	0.195	0.130	0.126	0.130	0.195
5.0	0.109	1.50	0.901	0.148	0.223	1.50	0.335	0.126	0.148	0.098	0.100	0.100	0.151
7.5	0.060	1.50	0.901	0.080	0.107	1.50	0.161	0.084	0.080	0.054	0.067	0.067	0.100
10.0	0.037	1.50	0.901	0.051	0.061	1.50	0.092	0.050	0.051	0.034	0.040	0.040	0.060

§ 21.4 SITE-SPECIFIC GROUND MOTION COEFFICIENTS

S_{MS}:	2.030
S_{M1}:	1.107
S_{DS}:	1.353
S_{D1}:	0.738
PGA_M:	0.92

SITE SPECIFIC RESPONSE SPECTRUM

PROJECT:	Inglewood High School	SHEAR WAVE VELOCITY V_{s30} (m/s):	425
LATITUDE:	33.96056	SOIL CLASS:	C
LONGITUDE:	-118.35596	RETURN PERIOD (yrs):	2475
		PERCENT DAMPING:	5%



MCE_R PROBABILISTIC SPECTRUM

Multi-Period MCE_R Spectrum (ASCE 7-22)
C Site Class (Vs 530)

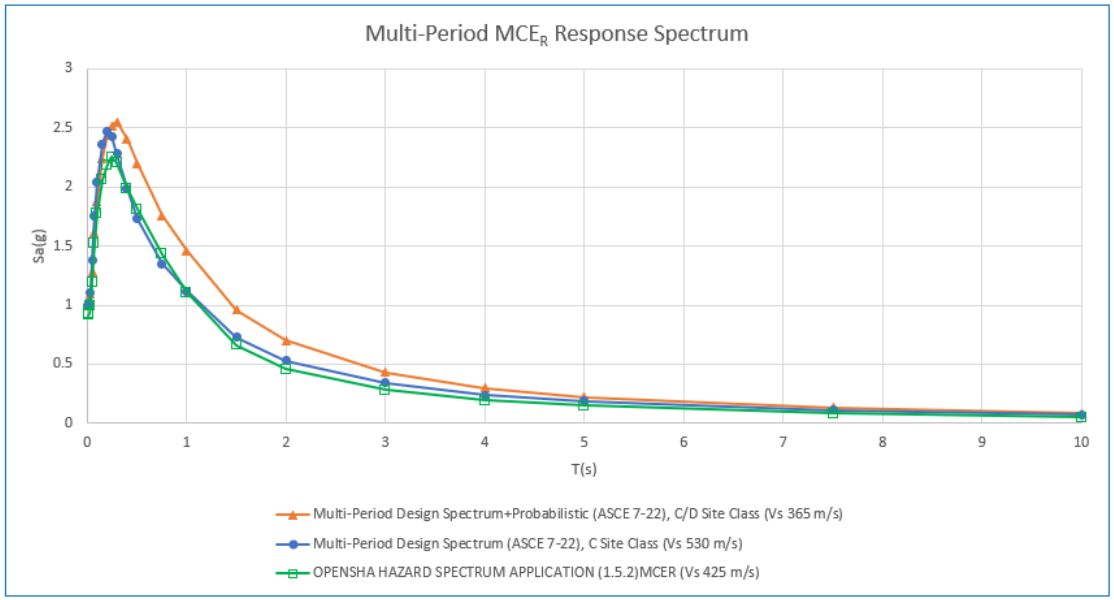
T(s)	Sa(g)
0	1
0.01	1
0.02	1.02
0.03	1.1
0.05	1.38
0.075	1.76
0.1	2.04
0.15	2.36
0.2	2.47
0.25	2.43
0.3	2.28
0.4	1.99
0.5	1.73
0.75	1.35
1	1.12
1.5	0.73
2	0.53
3	0.34
4	0.24
5	0.19
7.5	0.11
10	0.073

Multi-Period MCE_R Spectrum (ASCE 7-22)
C/D Site Class (Vs 365)

T(s)	Sa(g)
0	1.03
0.01	1.03
0.02	1.04
0.03	1.09
0.05	1.28
0.075	1.61
0.1	1.88
0.15	2.24
0.2	2.44
0.25	2.52
0.3	2.55
0.4	2.41
0.5	2.2
0.75	1.76
1	1.46
1.5	0.96
2	0.7
3	0.43
4	0.3
5	0.22
7.5	0.13
10	0.084

OPENSHA HAZARD SPECTRUM APPLICATION (1.5.2)MCE_R (Vs 425 m/s)
Measured Vs

T(s)	Sa(g)	Max. Resp. Coeff.	seismic Risk Coeff.	MCE_R Resp. Spectra
0.01	0.92153160	1.10	0.903	0.92
0.02	0.93445164	1.10	0.903	0.93
0.03	0.99824150	1.10	0.903	0.99
0.05	1.20512640	1.10	0.903	1.20
0.075	1.53174000	1.10	0.903	1.52
0.1	1.78502400	1.10	0.903	1.77
0.15	2.07558510	1.10	0.903	2.06
0.2	2.20332300	1.10	0.903	2.19
0.25	2.24526020	1.11	0.903	2.26
0.3	2.17143770	1.13	0.903	2.21
0.4	1.91779070	1.15	0.903	1.99
0.5	1.71044290	1.18	0.902	1.81
0.75	1.28295560	1.24	0.902	1.43
1	0.94541705	1.30	0.901	1.11
1.5	0.55559784	1.33	0.901	0.66
2	0.37480053	1.35	0.901	0.46
3	0.22143933	1.40	0.901	0.28
4	0.14914890	1.45	0.901	0.19
5	0.10930532	1.50	0.901	0.15
7.5	0.05953859	1.50	0.901	0.08
10	0.03748675	1.50	0.901	0.05



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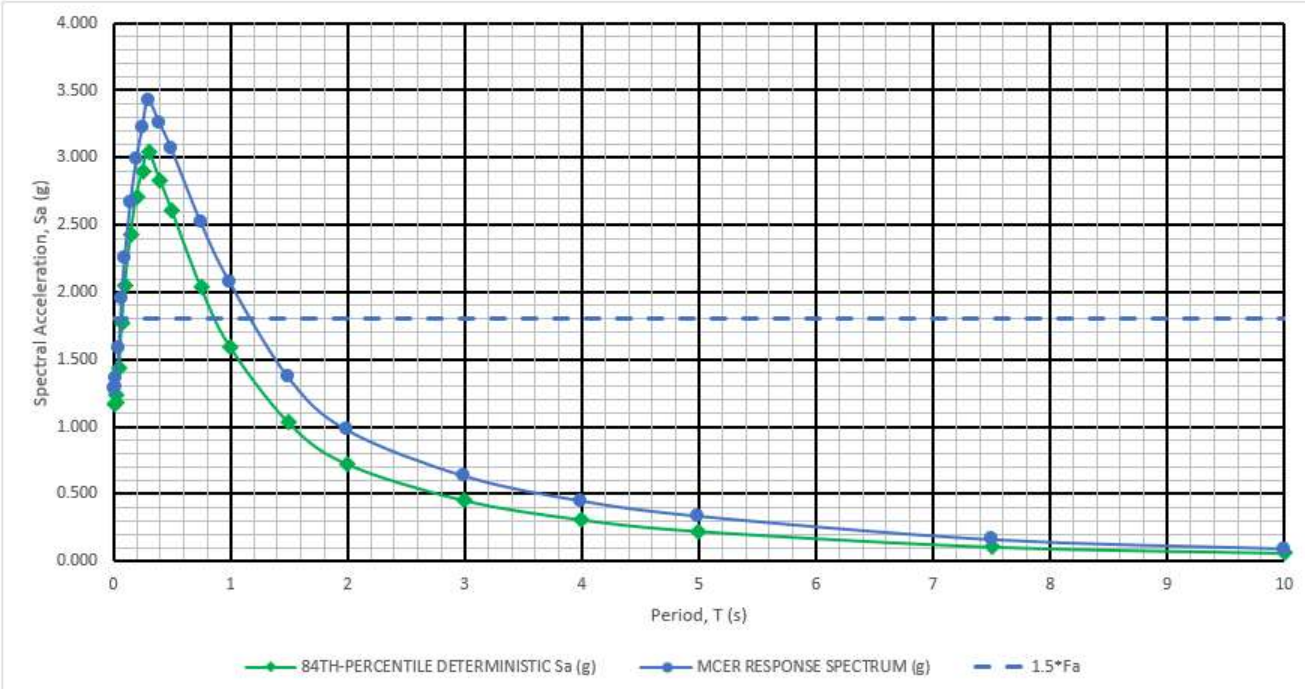
DETERMINISTIC MCE_R RESPONSE SPECTRUM

PROJECT: Inglewood High School
LATITUDE: 33.9606
LONGITUDE: -118.3560

SHEAR WAVE VELOCITY V_{s30} (m/s): 425
SOIL CLASS: C
RETURN PERIOD (yrs): 2475
PERCENT DAMPING: 5%
Fa: 1.20

DETERMINISTIC SCENARIO: Red Mountain [4]

PERIOD (SEC)	84TH-PERCENTILE DETERMINISTIC S_a (g)	MAXIMUM RESPONSE COEFFICIENTS	MCE_R RESPONSE SPECTRUM (g)
0.01	1.165	1.100	1.282
0.02	1.179	1.100	1.297
0.03	1.236	1.100	1.360
0.05	1.440	1.100	1.584
0.075	1.767	1.100	1.944
0.1	2.045	1.100	2.250
0.15	2.425	1.100	2.668
0.2	2.713	1.100	2.985
0.25	2.896	1.113	3.222
0.3	3.044	1.125	3.425
0.4	2.832	1.150	3.257
0.5	2.612	1.175	3.069
0.75	2.038	1.238	2.522
1	1.593	1.300	2.070
1.5	1.030	1.325	1.365
2	0.722	1.350	0.975
3	0.452	1.400	0.633
4	0.309	1.450	0.448
5	0.223	1.500	0.335
7.5	0.107	1.500	0.161
10	0.061	1.500	0.092



MAPPED SEISMIC SITE PARAMETERS

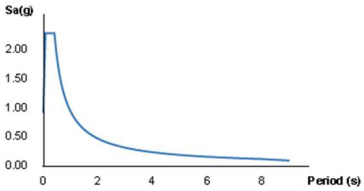
ATC Hazards by Location

Search Information

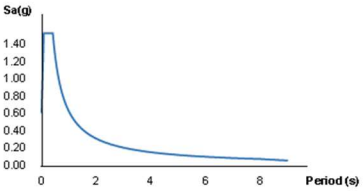
Coordinates:	33.96056, -118.35596
Elevation:	114 ft
Timestamp:	2024-06-19T21:39:19.765Z
Hazard Type:	Seismic
Reference Document:	ASCE7-16
Risk Category:	III
Site Class:	C



MCER Horizontal Response Spectrum



Design Horizontal Response Spectrum



Basic Parameters

Name	Value	Description
S_S	1.915	MCE_R ground motion (period=0.2s)
S_1	0.673	MCE_R ground motion (period=1.0s)
S_{MS}	2.298	Site-modified spectral acceleration value
S_{M1}	0.943	Site-modified spectral acceleration value
S_{DS}	1.532	Numeric seismic design value at 0.2s SA
S_{D1}	0.628	Numeric seismic design value at 1.0s SA

Additional Information

Name	Value	Description
SDC	D	Seismic design category
F_a	1.2	Site amplification factor at 0.2s
F_v	1.4	Site amplification factor at 1.0s
CR_S	0.903	Coefficient of risk (0.2s)
CR_1	0.901	Coefficient of risk (1.0s)
PGA	0.825	MCE_G peak ground acceleration
F_{PGA}	1.2	Site amplification factor at PGA
PGA_M	0.99	Site modified peak ground acceleration
T_L	8	Long-period transition period (s)
SsRT	1.915	Probabilistic risk-targeted ground motion (0.2s)
SsUH	2.121	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
SsD	2.459	Factored deterministic acceleration value (0.2s)
S1RT	0.673	Probabilistic risk-targeted ground motion (1.0s)
S1UH	0.747	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
S1D	0.83	Factored deterministic acceleration value (1.0s)
PGAd	0.995	Factored deterministic acceleration value (PGA)

The results indicated here DO NOT reflect any state or local amendments to the values or any delineation lines made during the building code adoption process. Users should confirm any output obtained from this tool with the local Authority Having Jurisdiction before proceeding with design.

Please note that the ATC Hazards by Location website will not be updated to support ASCE 7-22. Find out why.

Disclaimer

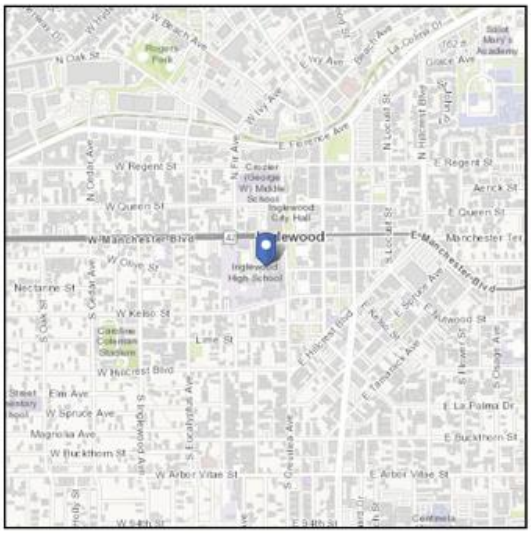
Hazard loads are provided by the U.S. Geological Survey Seismic Design Web Services.

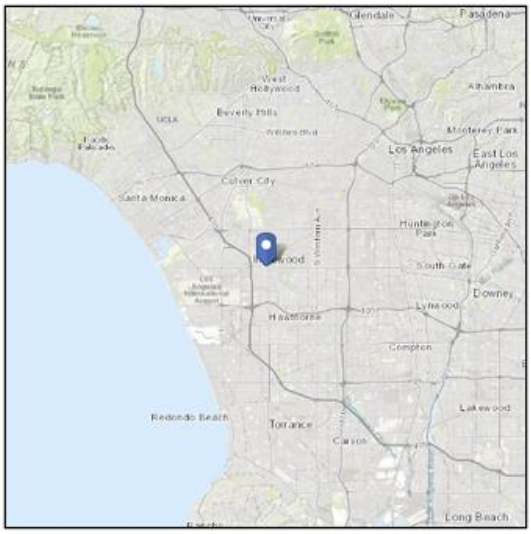
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ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	33.96056
Risk Category:	III	**Longitude:**	-118.35596
Soil Class:	C - Very Dense Soil and Soft Rock	**Elevation:**	118.78912597316793 ft (NAVD 88)





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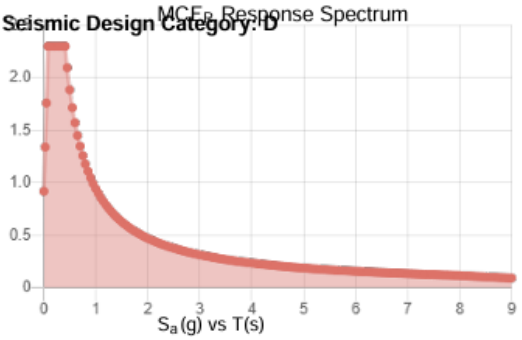
Seismic

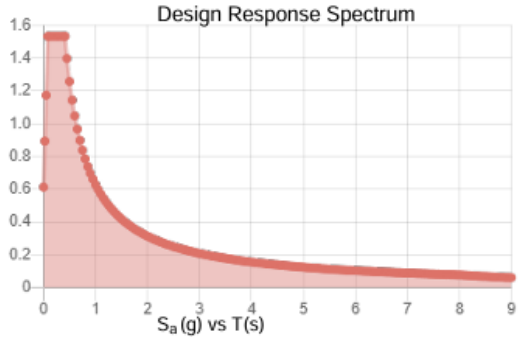
Site Soil Class: C - Very Dense Soil and Soft Rock

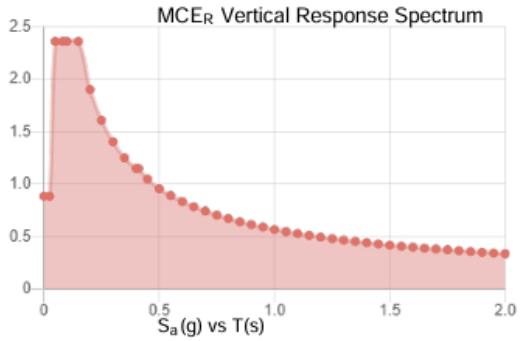
Results:

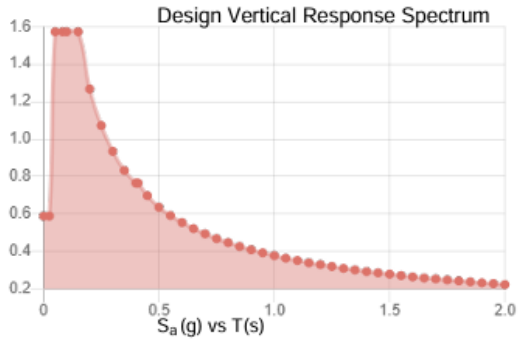
S_S :	1.915	S_{D1} :	0.628
S_1 :	0.673	T_L :	8
F_a :	1.2	PGA :	0.825
F_v :	1.4	PGA_M :	0.99
S_{MS} :	2.298	F_{PGA} :	1.2
S_{M1} :	0.943	I_e :	1.25
S_{DS} :	1.532	C_v :	1.283

Seismic Design Category: D









Data Accessed: **Thu Jun 20 2024**

Date Source:
USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

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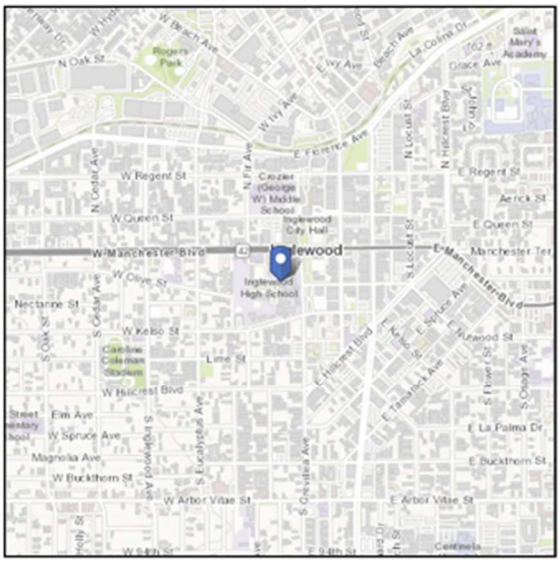
ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE standard.

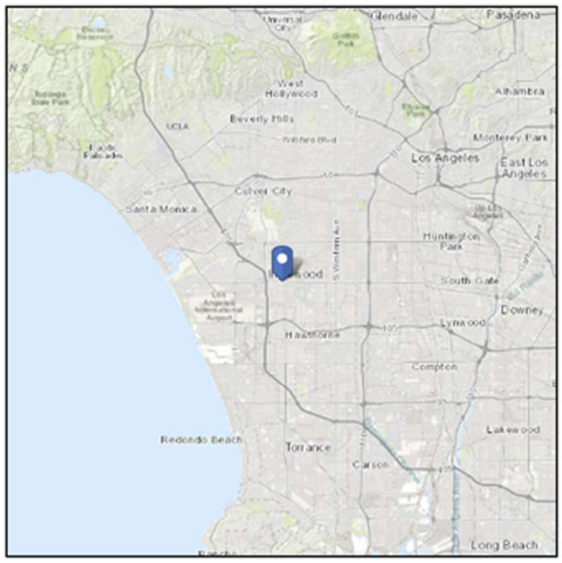
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ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-22	**Latitude:**	33.96056
Risk Category:	III	**Longitude:**	-118.35596
Soil Class:	CD	**Elevation:**	118.78912597316793 ft (NAVD 88)





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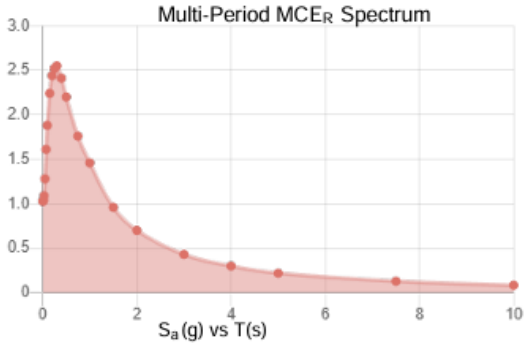
Seismic

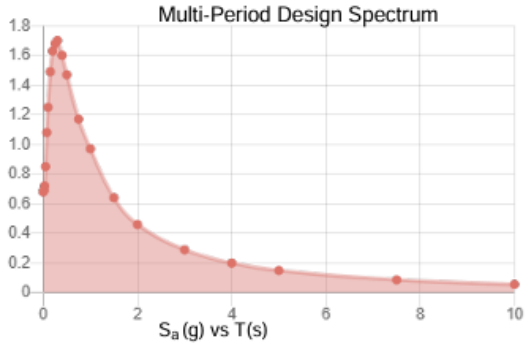
Site Soil Class: CD

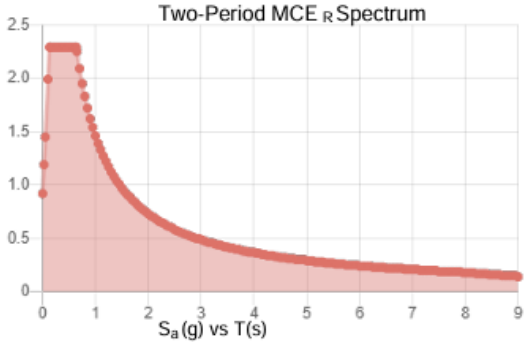
Results:

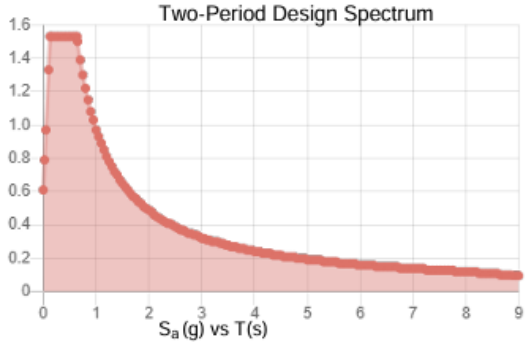
PGA_M :	0.91	T_L :	8
S_{MS} :	2.29	S_S :	2.18
S_{M1} :	1.46	S_1 :	0.84
S_{DS} :	1.53	V_{S30} :	365
S_{D1} :	0.97		

Seismic Design Category: E









MCE_R Vertical Response Spectrum

Vertical ground motion data has not yet been made available by USGS.

Design Vertical Response Spectrum

Vertical ground motion data has not yet been made available by USGS.

Data Accessed: Thu Jun 20 2024

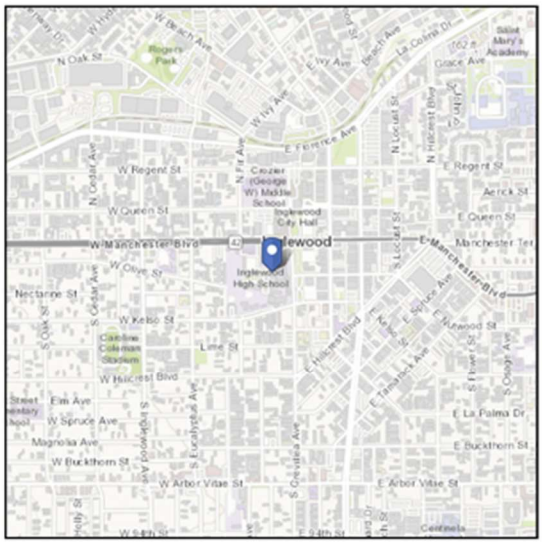
Date Source:
USGS Seismic Design Maps based on ASCE/SEI 7-22 and ASCE/SEI 7-22 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-22 Ch. 21 are available from USGS.

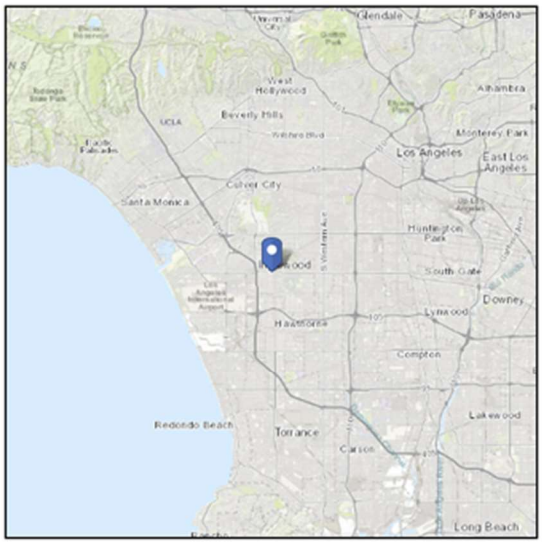
Multi-Period MCE_R Spectrum	
T(s)	Sa(g)
0	1.03
0.01	1.03
0.02	1.04
0.03	1.09
0.05	1.28
0.075	1.61
0.1	1.88
0.15	2.24
0.2	2.44
0.25	2.52
0.3	2.55
0.4	2.41
0.5	2.2
0.75	1.76
1	1.46
1.5	0.96
2	0.7
3	0.43
4	0.3
5	0.22
7.5	0.13
10	0.084

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-22	**Latitude:**	33.96056
Risk Category:	III	**Longitude:**	-118.35596
Soil Class:	C - Very Dense Soil and Soft Rock	**Elevation:**	118.78912597316793 ft (NAVD 88)





ASCE
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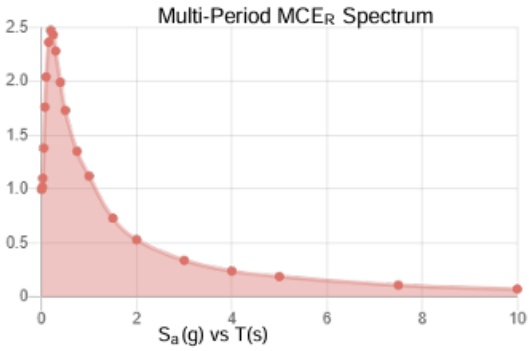
Seismic

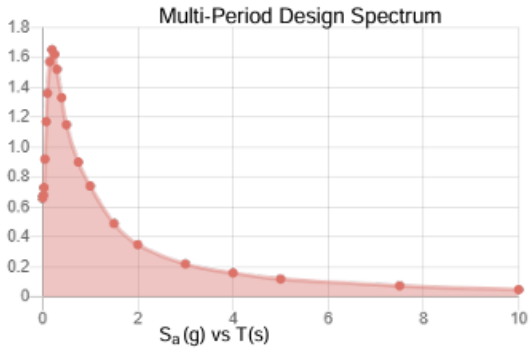
Site Soil Class: C - Very Dense Soil and Soft Rock

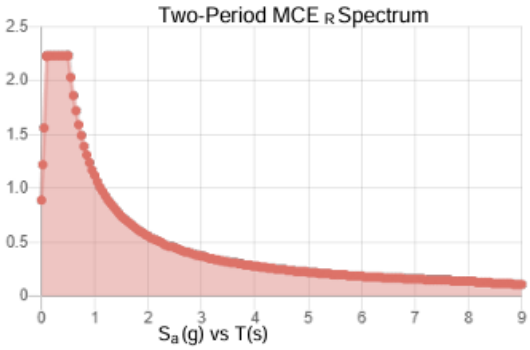
Results:

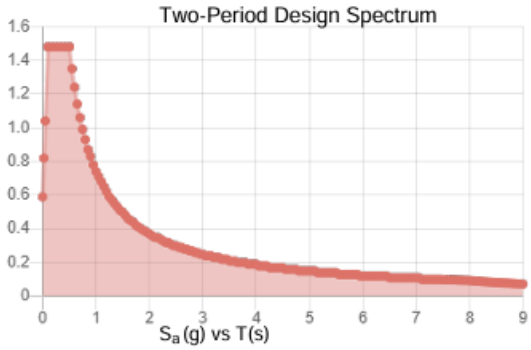
PGA_M :	0.9	T_L :	8
S_{MS} :	2.23	S_S :	2.18
S_{M1} :	1.12	S_1 :	0.84
S_{DS} :	1.48	V_{S30} :	530
S_{D1} :	0.74		

Seismic Design Category: E









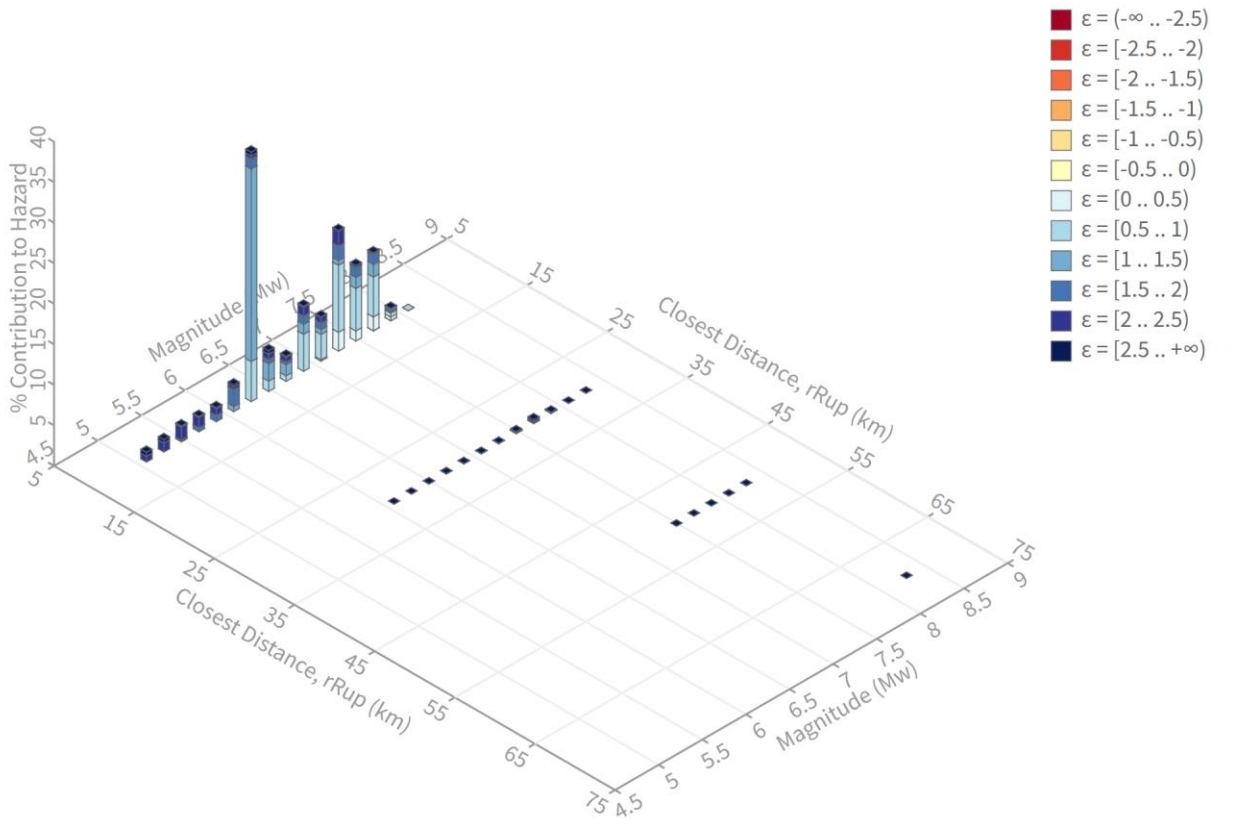
MCER Vertical Response Spectrum

Vertical ground motion data has not yet been made available by USGS.

Design Vertical Response Spectrum

Vertical ground motion data has not yet been made available by USGS.

Multi-Period MCER Spectrum	
T(s)	Sa(g)
0	1
0.01	1
0.02	1.02
0.03	1.1
0.05	1.38
0.075	1.76
0.1	2.04
0.15	2.36
0.2	2.47
0.25	2.43
0.3	2.28
0.4	1.99
0.5	1.73
0.75	1.35
1	1.12
1.5	0.73
2	0.53
3	0.34
4	0.24
5	0.19
7.5	0.11
10	0.073



Summary statistics for, Deaggregation: Total

Deaggregation targets

Return period: 2475 yrs
Exceedance rate: 0.0004040404 yr^{-1}
PGA ground motion: 0.90289646 g

Recovered targets

Return period: 2792.5589 yrs
Exceedance rate: 0.00035809451 yr^{-1}

Totals

Binned: 100 %
Residual: 0 %
Trace: 0.05 %

Mean (over all sources)

m: 6.79
r: 6.37 km
ε₀: 1.23 σ

Mode (largest m-r bin)

m: 6.36
r: 2.56 km
ε₀: 1.13 σ
Contribution: 30.77 %

Mode (largest m-r-ε_0 bin)

m: 6.36
r: 2.14 km
ε₀: 1.1 σ
Contribution: 23.75 %

Discretization

r: min = 0.0, max = 1000.0, Δ = 20.0 km
m: min = 4.4, max = 9.4, Δ = 0.2
ε: min = -3.0, max = 3.0, Δ = 0.5 σ

Epsilon keys

ε0: [-∞ .. -2.5)
ε1: [-2.5 .. -2.0)
ε2: [-2.0 .. -1.5)
ε3: [-1.5 .. -1.0)
ε4: [-1.0 .. -0.5)
ε5: [-0.5 .. 0.0)
ε6: [0.0 .. 0.5)
ε7: [0.5 .. 1.0)
ε8: [1.0 .. 1.5)
ε9: [1.5 .. 2.0)
ε10: [2.0 .. 2.5)
ε11: [2.5 .. +∞]

Deaggregation Contributors

Source Set ↳ Source	Type	r	m	ε_0	lon	lat	az	%
UC33brAvg_FM31	System							45.37
Newport-Inglewood alt 1 [7]		1.59	6.63	0.93	118.350°W	33.961°N	89.43	26.37
Compton [3]		9.97	7.21	0.74	118.414°W	33.865°N	206.62	4.92
Newport-Inglewood alt 1 [6]		5.02	7.56	0.89	118.316°W	33.933°N	129.41	4.15
Palos Verdes [13]		13.26	7.21	2.06	118.447°W	33.869°N	219.38	2.31
Compton [2]		10.02	7.18	0.81	118.404°W	33.862°N	201.80	2.22
San Pedro Escarpment [0]		8.62	7.63	0.43	118.482°W	33.803°N	213.69	1.49
Santa Monica alt 1 [0]		13.34	7.33	1.88	118.445°W	34.054°N	321.74	1.40
UC33brAvg_FM32	System							36.28
Newport-Inglewood alt 2 [7]		2.36	6.68	1.00	118.341°W	33.972°N	47.63	17.45
Compton [3]		9.97	7.40	0.65	118.414°W	33.865°N	206.62	5.35
Newport-Inglewood alt 2 [6]		5.82	7.56	0.95	118.305°W	33.933°N	122.47	2.91
Palos Verdes [13]		13.26	7.27	2.05	118.447°W	33.869°N	219.38	2.18
Puente Hills (LA) [1]		10.76	7.23	1.66	118.299°W	34.039°N	31.23	1.80
Compton [2]		10.02	7.12	0.83	118.404°W	33.862°N	201.80	1.70
San Pedro Escarpment [0]		8.62	7.63	0.53	118.482°W	33.803°N	213.69	1.08
Santa Monica alt 2 [2]		13.22	7.41	1.85	118.452°W	34.049°N	318.00	1.02
UC33brAvg_FM31 (opt)	Grid							9.34
PointSourceFinite: -118.356, 34.010		6.98	5.89	1.81	118.356°W	34.010°N	0.00	1.64
PointSourceFinite: -118.356, 34.010		6.98	5.89	1.81	118.356°W	34.010°N	0.00	1.64
PointSourceFinite: -118.356, 34.019		7.45	5.96	1.85	118.356°W	34.019°N	0.00	1.10
PointSourceFinite: -118.356, 34.019		7.45	5.96	1.85	118.356°W	34.019°N	0.00	1.10
UC33brAvg_FM32 (opt)	Grid							9.01
PointSourceFinite: -118.356, 34.010		6.95	5.90	1.80	118.356°W	34.010°N	0.00	1.48
PointSourceFinite: -118.356, 34.010		6.95	5.90	1.80	118.356°W	34.010°N	0.00	1.48
PointSourceFinite: -118.356, 34.019		7.45	5.97	1.85	118.356°W	34.019°N	0.00	1.17
PointSourceFinite: -118.356, 34.019		7.45	5.97	1.85	118.356°W	34.019°N	0.00	1.17

UCERF3 EventSet All Nearby Data

Project Site Location: -118.35596 33.96056

Search Radius(km): 20 km

FAULT TRACE	M	Rx	Azimuth	Longitude	Latitude
Newport-Inglewood alt 1 EllB GEOL	7.15	0.5	89.50326	-118.35038	33.9606
Newport-Inglewood alt 2 EllB GEOL	7.15	1.8	76.70821	-118.33666	33.96434
Puente Hills (LA) EllB GEOL	6.95	10.2	36.81796	-118.28955	34.03406
Compton EllB GEOL	7.45	11.9	197.0018	-118.39371	33.85803
Palos Verdes Shaw09Mod GEOL	7.38	13.2	215.2382	-118.43867	33.86331
Santa Monica alt 1 EllB GEOL	6.58	13.2	321.7483	-118.4448	34.05389
Santa Monica alt 2 EllB GEOL	6.78	13.2	313.6653	-118.45981	34.04265
Puente Hills EllB GEOL	7.08	13.5	41.9471	-118.25812	34.05072
Hollywood EllB GEOL	6.7	15	335.9843	-118.42242	34.08408
Redondo Canyon alt 1 EllB GEOL	6.38	16.9	192.2726	-118.39488	33.8119
Elysian Park (Upper) EllB GEOL	6.65	17.2	38.69032	-118.23905	34.08141
Malibu Coast alt 1 EllB GEOL	6.64	17.4	296.6109	-118.52488	34.03058
Malibu Coast alt 2 EllB GEOL	6.97	17.5	297.4102	-118.52472	34.03297
Redondo Canyon alt 2 EllB GEOL	6.65	18.9	190.6399	-118.39376	33.79334
Anacapa-Dume alt 2 EllB GEOL	7.16	19.8	293.1939	-118.55379	34.03065
Puente Hills (Santa Fe Springs) EllB GEOL	6.61	19.9	100.9432	-118.14386	33.92635

OpenSHA OUTPUT DATA – PROBABILISTIC HAZARD ANALYSIS

BASIN EFFECTS

FROM SITE DATA APPLICATION (1.5.2)

Preferred Data:
Site data for Location: 33.96056, -118.35596

Source: CGS/Wills VS30 Map (2015)
Type: Vs30
Type Flag: Inferred
Value: 386.6

Source: SCEC Community Velocity Model Version 4, Iteration 26, Basin Depth
Type: Depth to Vs = 2.5 km/sec
Type Flag: Inferred
Value: 4.15

Source: SCEC Community Velocity Model Version 4, Iteration 26, Basin Depth
Type: Depth to Vs = 1.0 km/sec
Type Flag: Inferred
Value: 0.6

OpenSHA PSHA OUTPUT

DATASET #1 (line: Solid, width=1.0; color: 255,0,0)

IMR Param List:

IMR = NGAWest2 2014 Averaged No Idriss; IMR Weights = ['Abrahamson, Silva & Kamai (2014)': 0.25, 'Boore, Stewart, Seyhan & Atkinson (2014)': 0.25, 'Campbell & Bozorgnia (2014)': 0.25, 'Chiou & Youngs (2014)': 0.25]; Std Dev Type = Total; Tectonic Region = Active Shallow Crust; Additional Epistemic Uncertainty = null; Component = RotD50; Gaussian Truncation = None

Site Param List:

Longitude = -118.35596; Latitude = 33.96056; Vs30 = 425.0; Vs30 Type = Measured; Depth 2.5 km/sec = 4.15; Depth 1.0 km/sec = 0.6

IML/Prob Param List:

Map Type = IML@Prob; Probability = 0.02

Forecast Param List:

Eqk Rup Forecast = Mean UCERF3; Mean UCERF3 Presets = (POISSON ONLY) Both FM Branch Averaged; Apply Aftershock Filter = false; Aleatory Mag-Area StdDev = 0.0; Background Seismicity = Include; Treat Background Seismicity As = Point Sources; Fault Grid Spacing = 1.0; Probability Model = Poisson; Sect Upper Depth Averaging Tolerance = 100.0; Use Mean

Upper Depth = true; Rup Mag Averaging Tolerance = 1.0; Rupture Rake To Use = Def. Model Mean; Fault Model(s) = Both; Ignore Cache = false

TimeSpan Param List:

Duration = 50.0

Maximum Distance = 200.0; Pt Src Dist Corr = None

X-Axis: Period (sec)
Y-Axis: SA (g)
Number of Data Sets: 1

DATASET #1

Name:
Num Points: 21
Info:
IMR Param List:

IMR = NGAWest2 2014 Averaged No Idriss; IMR Weights = ['Abrahamson, Silva & Kamai (2014)': 0.25, 'Boore, Stewart, Seyhan & Atkinson (2014)': 0.25, 'Campbell & Bozorgnia (2014)': 0.25, 'Chiou & Youngs (2014)': 0.25]; Std Dev Type = Total; Tectonic Region = Active Shallow Crust; Additional Epistemic Uncertainty = null; Component = RotD50; Gaussian Truncation = None

Site Param List:

Longitude = -118.35596; Latitude = 33.96056; Vs30 = 425.0; Vs30 Type = Measured; Depth 2.5 km/sec = 4.15; Depth 1.0 km/sec = 0.6

IML/Prob Param List:

Map Type = IML@Prob; Probability = 0.02

Forecast Param List:

Eqk Rup Forecast = Mean UCERF3; Mean UCERF3 Presets = (POISSON ONLY) Both FM Branch Averaged; Apply Aftershock Filter = false; Aleatory Mag-Area StdDev = 0.0; Background Seismicity = Include; Treat Background Seismicity As = Point Sources; Fault Grid Spacing = 1.0; Probability Model = Poisson; Sect Upper Depth Averaging Tolerance = 100.0; Use Mean Upper Depth = true; Rup Mag Averaging Tolerance = 1.0; Rupture Rake To Use = Def. Model Mean; Fault Model(s) = Both; Ignore Cache = false

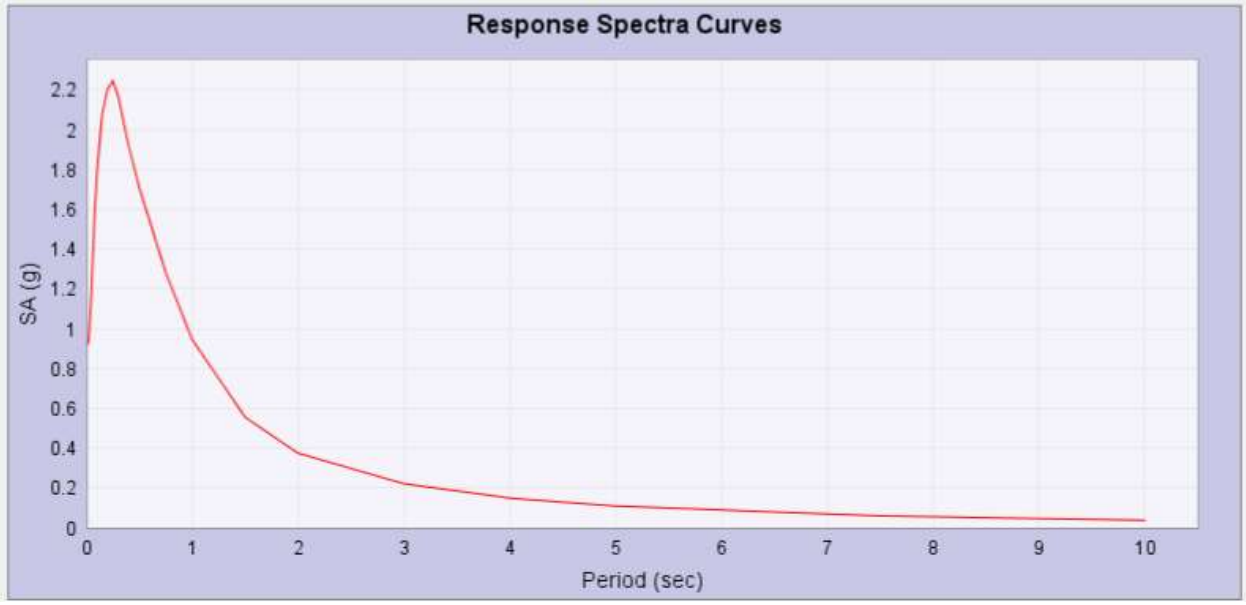
TimeSpan Param List:

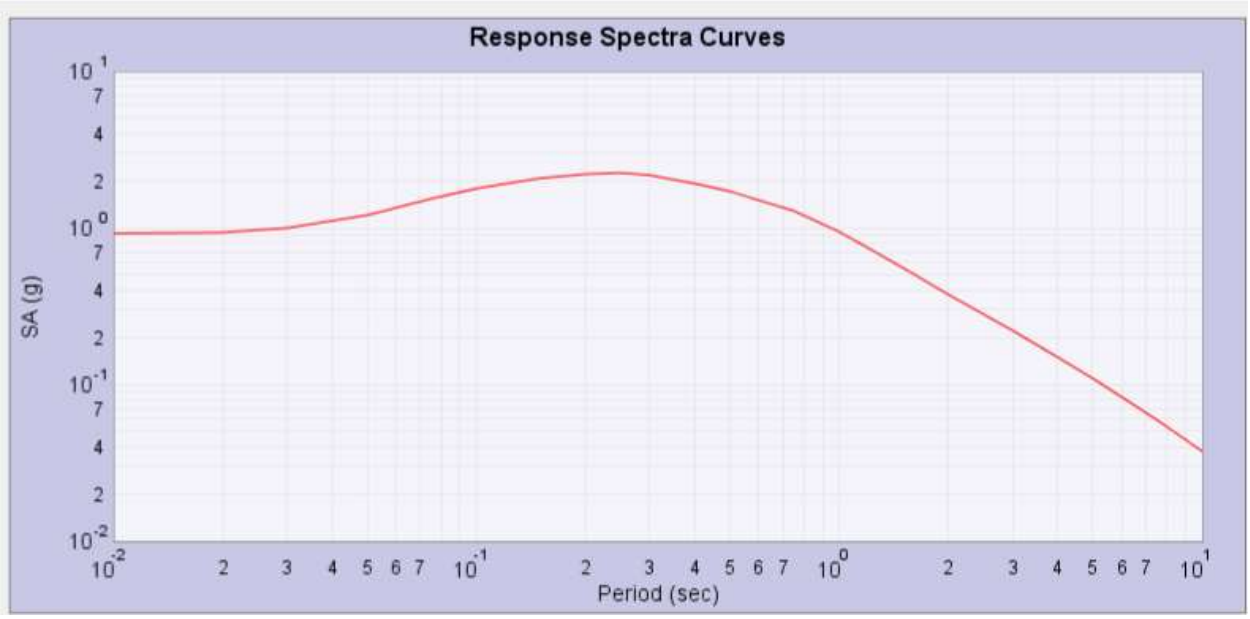
Duration = 50.0

Maximum Distance = 200.0; Pt Src Dist Corr = None

X, Y Data:
0.01 0.9215316

0.02	0.93445164
0.03	0.9982415
0.05	1.2051264
0.075	1.53174
0.1	1.785024
0.15	2.0755851
0.2	2.203323
0.25	2.2452602
0.3	2.1714377
0.4	1.9177907
0.5	1.7104429
0.75	1.2829556
1.0	0.94541705
1.5	0.55559784
2.0	0.37480053
3.0	0.22143933
4.0	0.1491489
5.0	0.10930532
7.5	0.059538588
10.0	0.037486747




Response Spectra Curves
SA (g)
Period (sec)

DETERMINISTIC HAZARD ANALYSES

Input into USGS Response Spectra (USGS Earthquake Hazard Toolbox)

Newport-Inglewood alt 1 [7]	

.

Compton [3]	 Multi-Selectable Parameter Ground Motion Model Tectonic Setting Active Crust Ground Motion Models: Active Crust Combined Models (Active Crust) Combined: Hawaii Deep 2021 (2.0) Combined: Hawaii Shallow 2021 (2.0) Combined: Active Crust 2014 (4.1) Combined: Active Crust 2014 (4.2, no Idriss) Combined: Active Crust 2018 (5.0, deep basins) Combined: Active Crust 2023 (6.0, deep basins) Combined: Active Crust 2023 (6.0, Los Angeles) Combined: Active Crust 2023 (6.0, San Francisco) Combined: Alaska Active Crust 2007 (2.0) Combined: Alaska Active Crust 2023 (3.0) Clear Selection (1) Event Parameters Mw 7.45 Rake (°) 90 Strike-Slip Normal Reverse 10.921 Centered down-dip Source Geometry 6.24 Dip (°) 20 Width (km) 27.37 Path Parameters 11.9 9.934 0 Derive RJB and RRUP Hanging Wall Footwall Site & Basin 425 0.6 4.15 Plot Options Epistemic Uncertainty

.

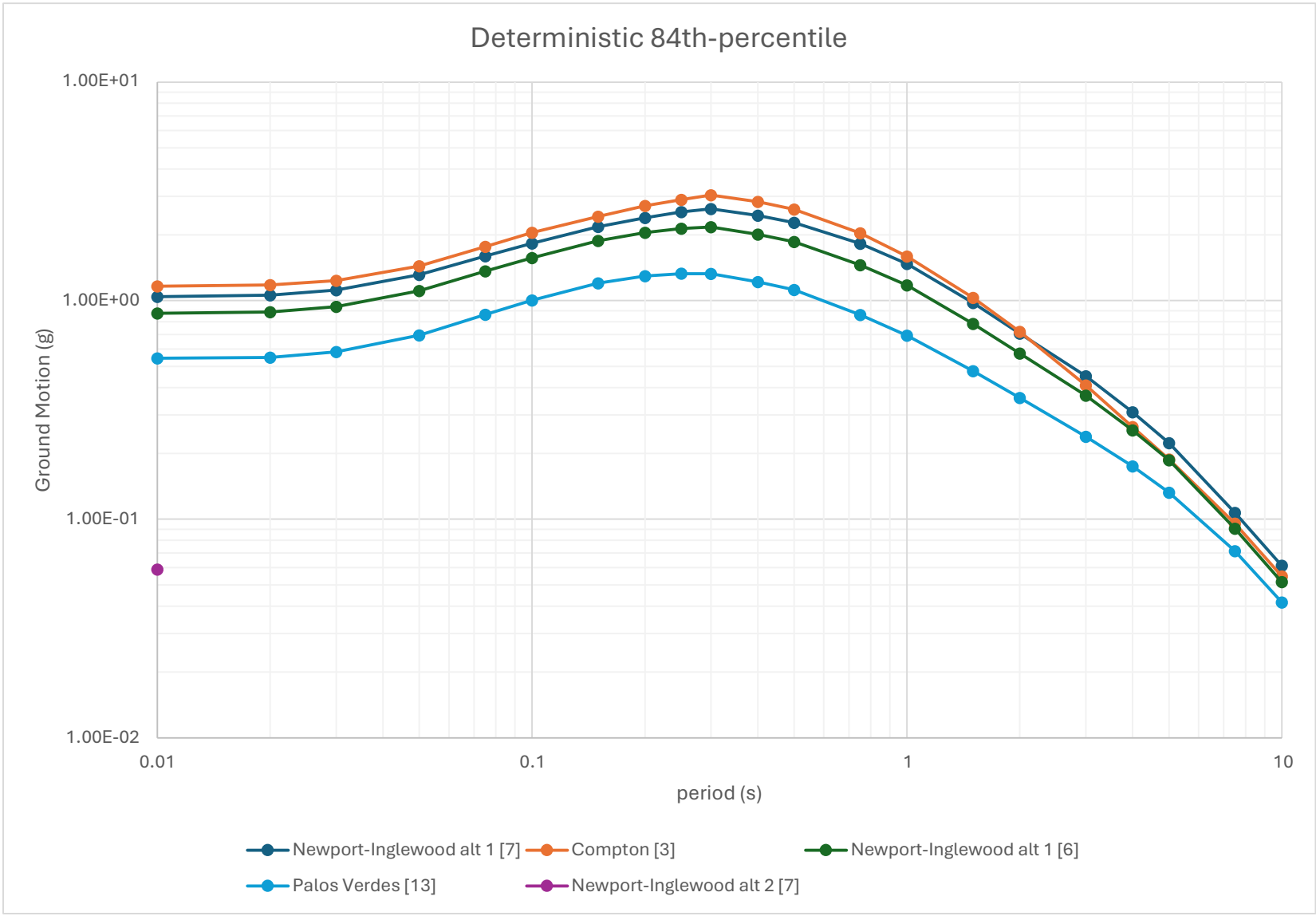
Palos Verdes [13]



.

Newport-Inglewood alt 2 [7]



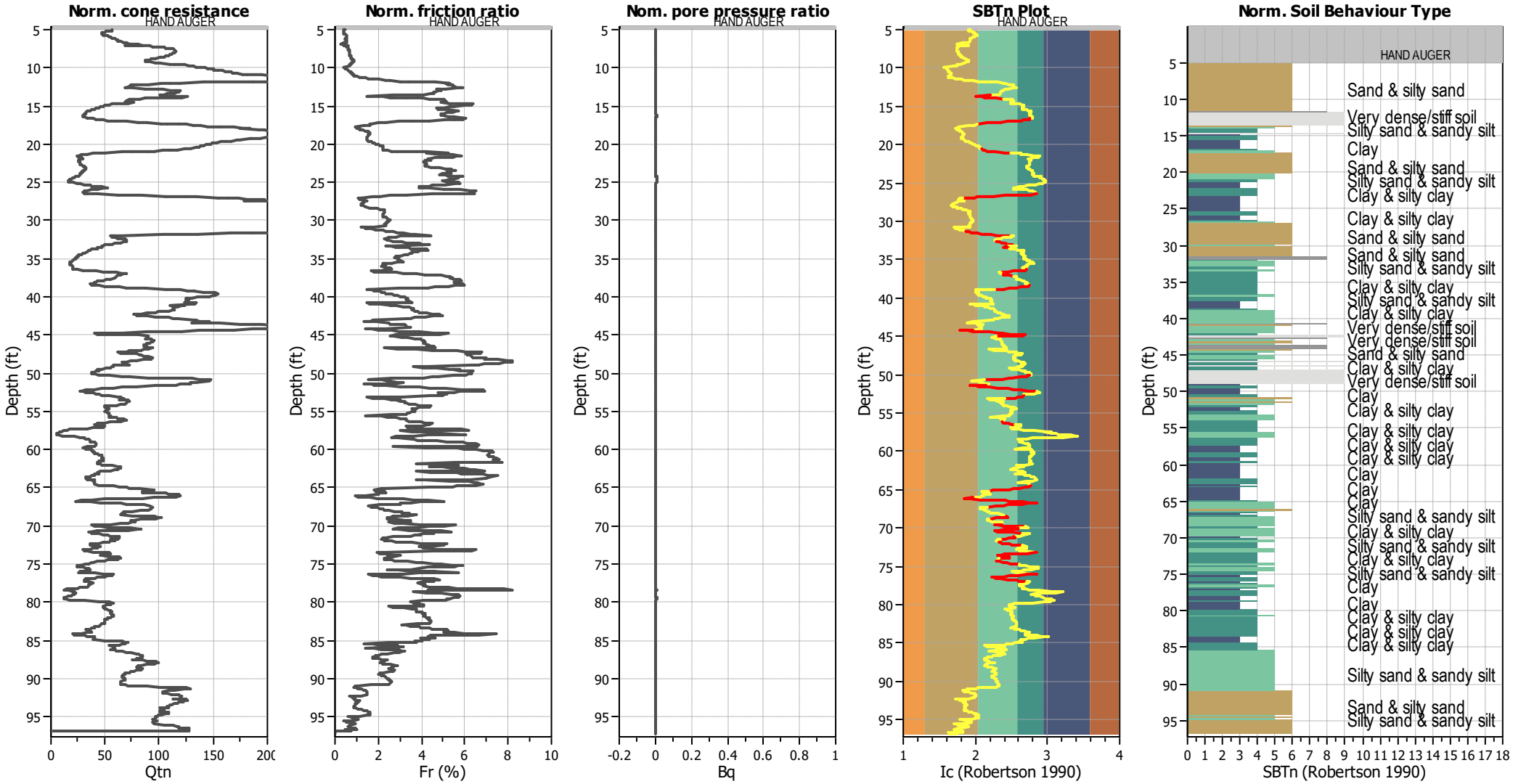

Deterministic 84th-percentile
1.00E+01
1.00E+00
1.00E-01
1.00E-02
Ground Motion (g)
0.01
0.1
1
10
period (s)
Newport-Inglewood alt 1 [7]
Compton [3]
Newport-Inglewood alt 1 [6]
Palos Verdes [13]
Newport-Inglewood alt 2 [7]

APPENDIX F

Seismic Settlement Analyses

August 5, 2024
W.O. 9711.002
Revised September 25, 2024

CPT basic interpretation plots (normalized)



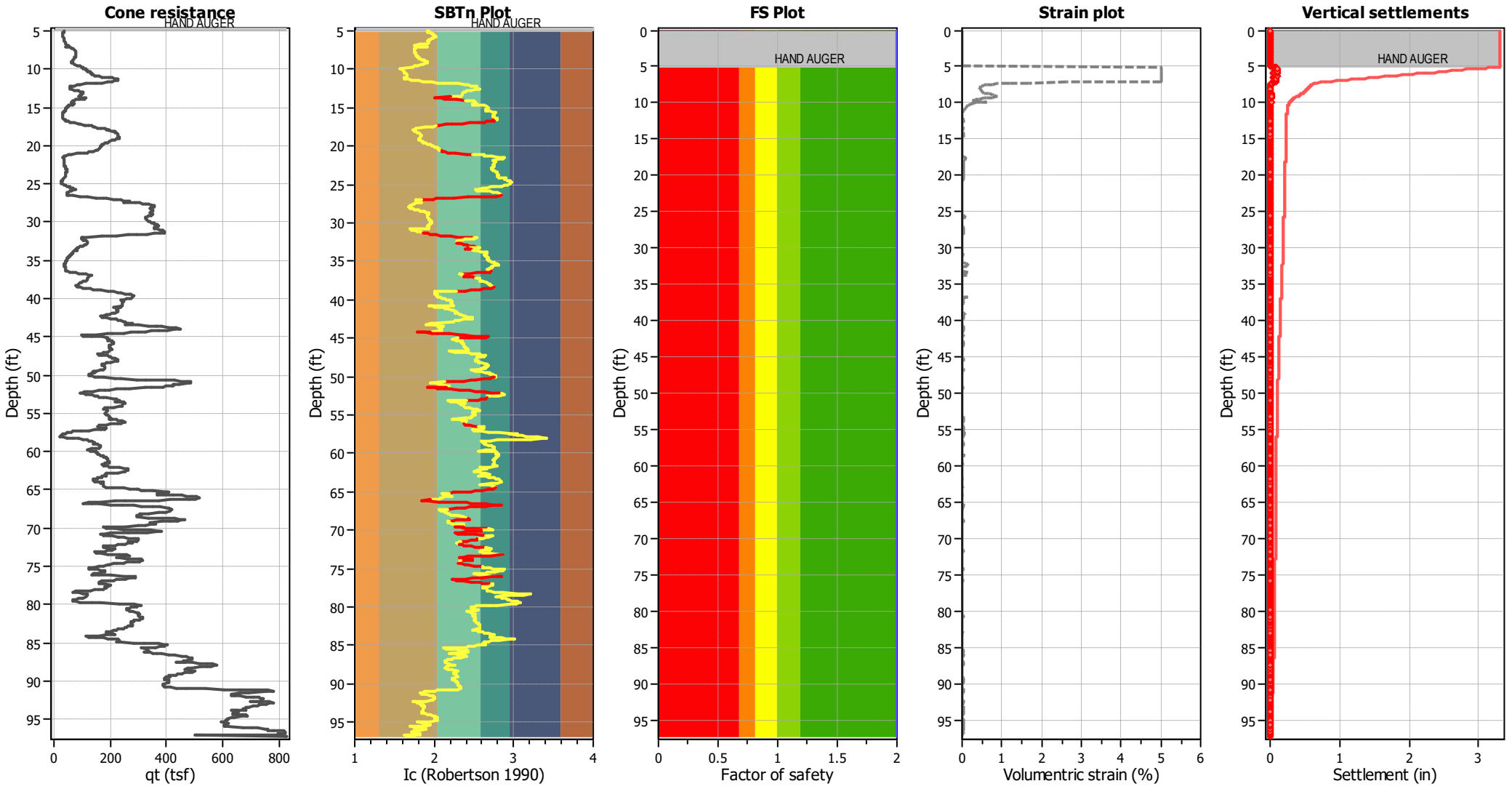
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	200.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	1	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.73	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.99	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	200.00 ft	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

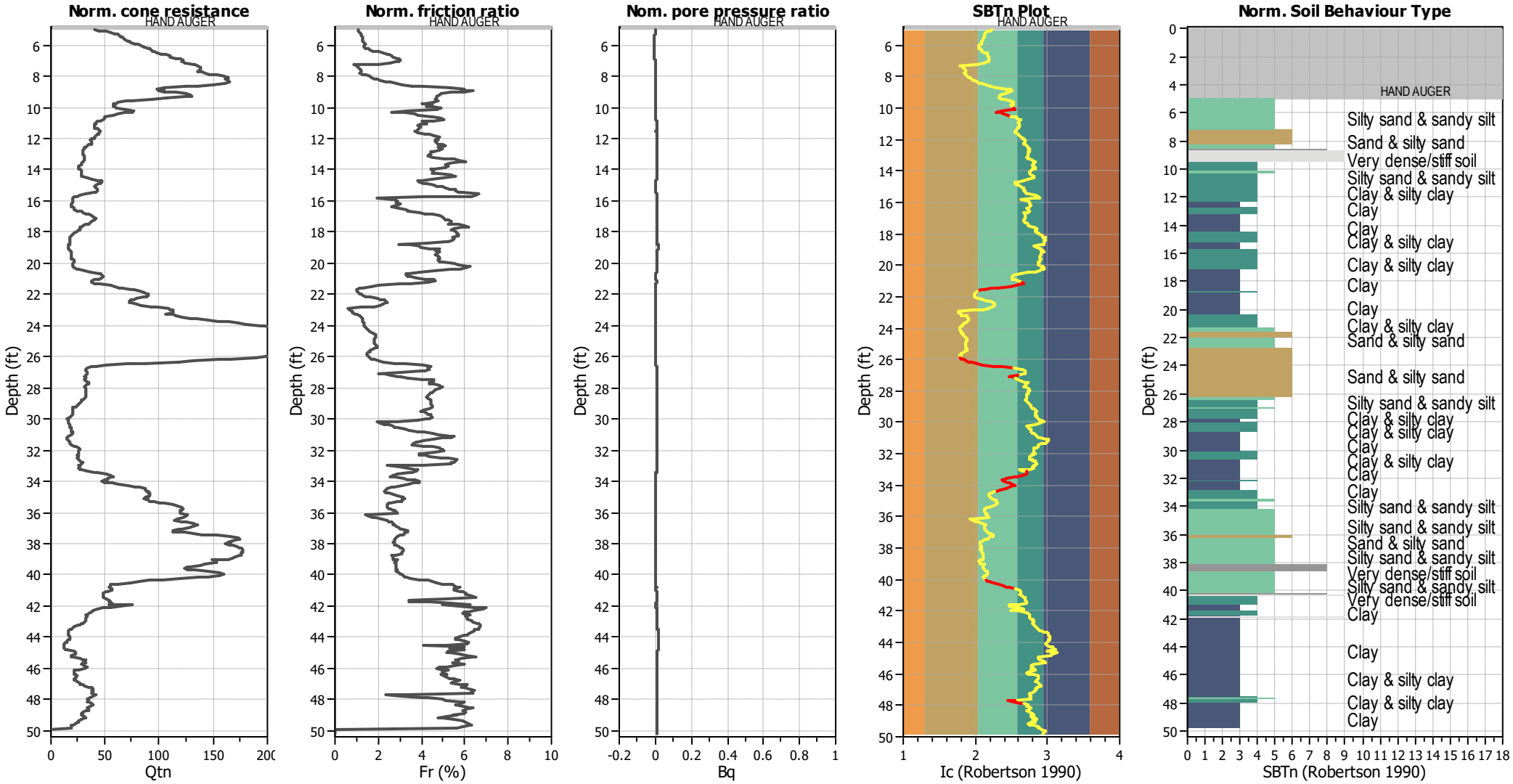
Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

CPT basic interpretation plots (normalized)



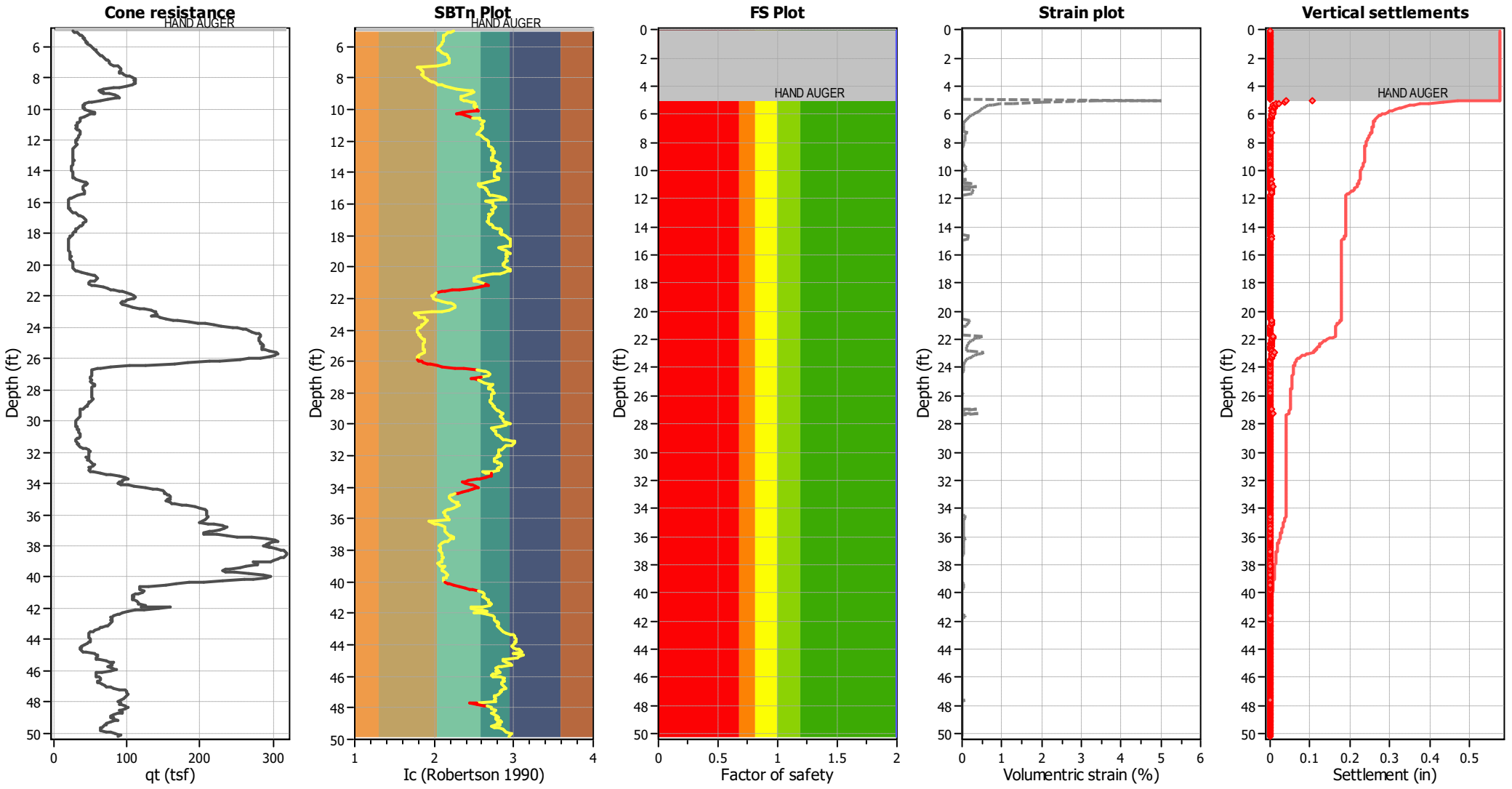
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	200.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	1	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.73	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.99	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	200.00 ft	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
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5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

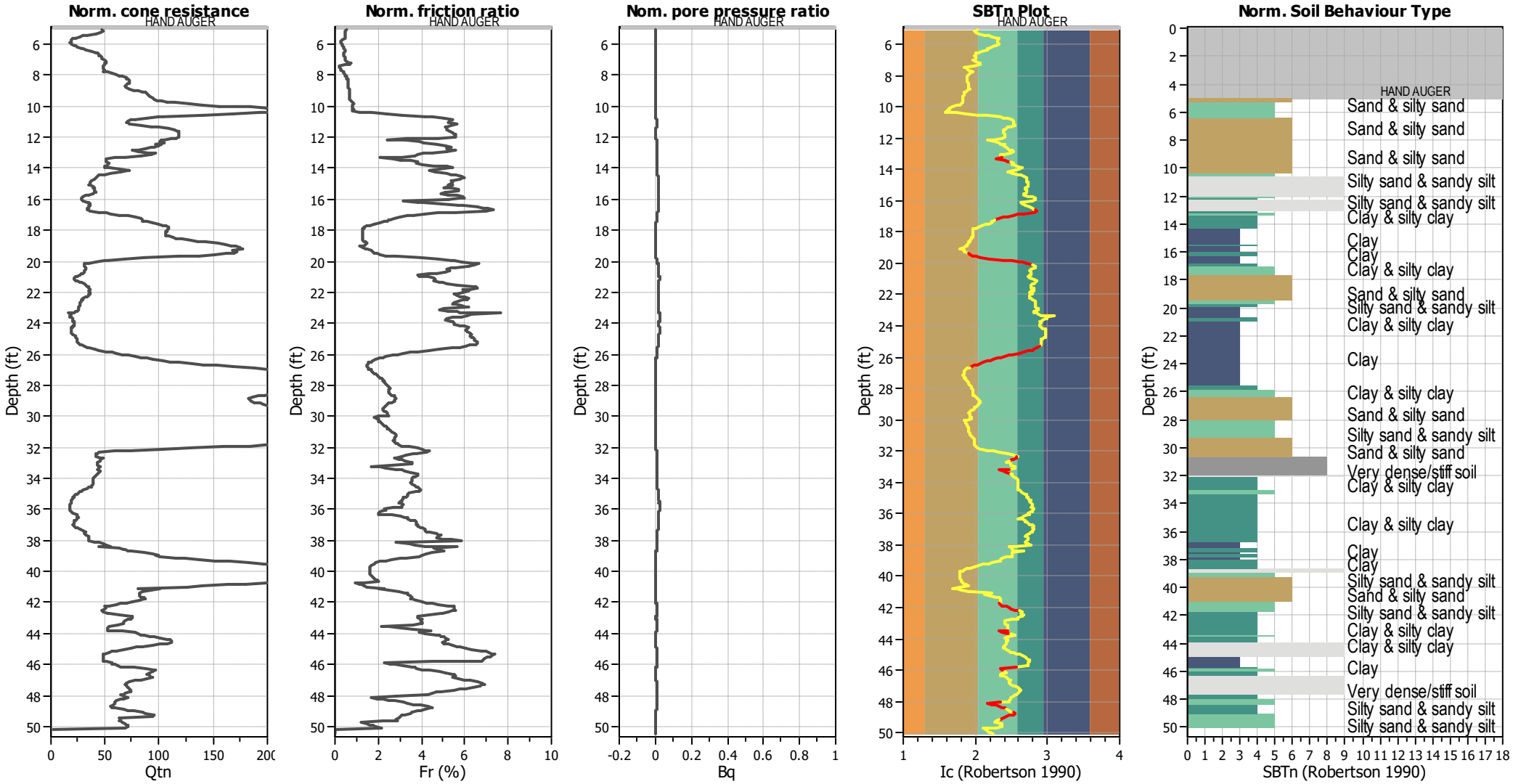
Estimation of post-earthquake settlements



Abbreviations

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I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

CPT basic interpretation plots (normalized)



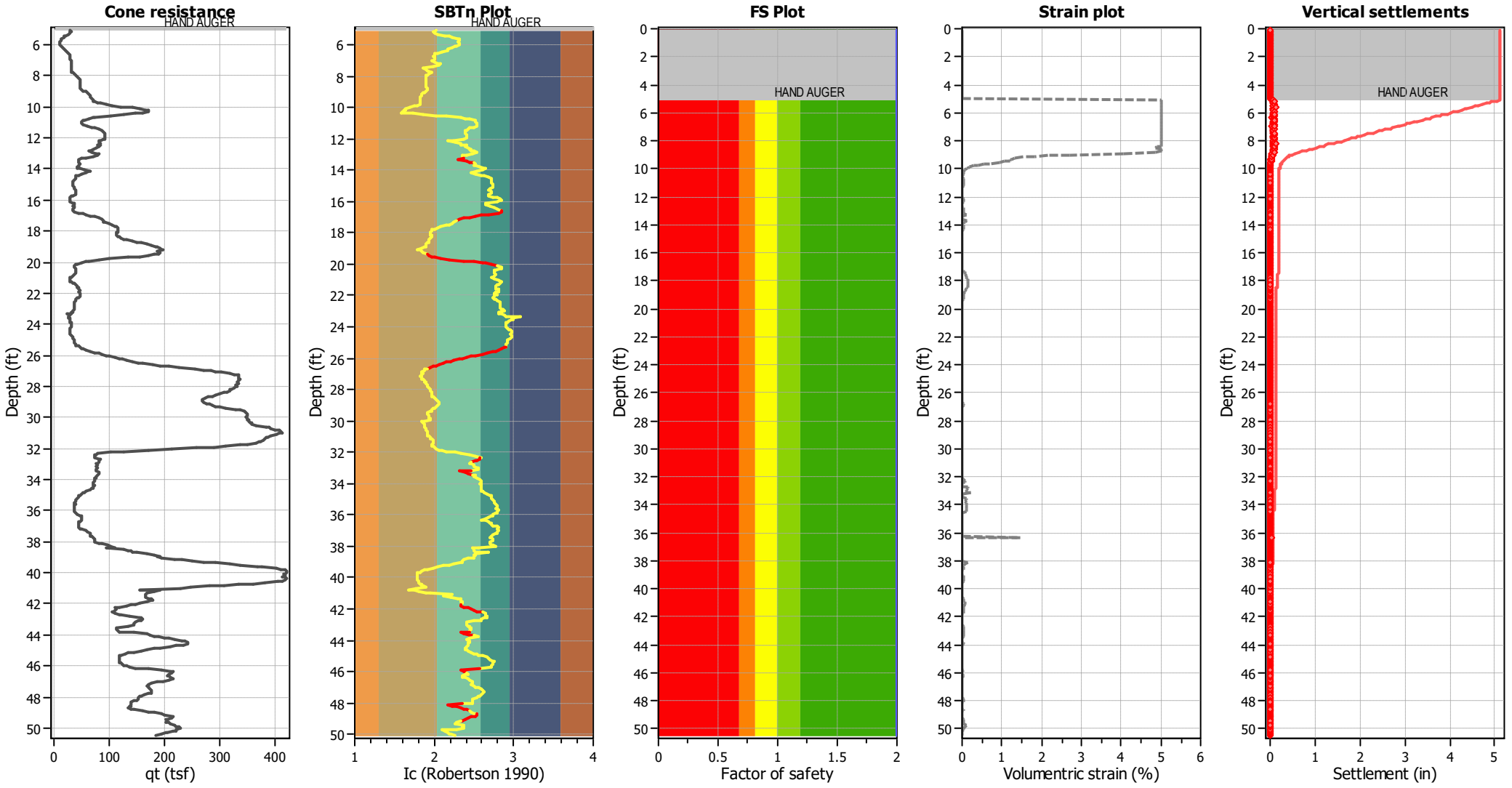
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	200.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	1	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.73	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.99	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	200.00 ft	Fill height:	N/A	Limit depth:	N/A

SBTn legend

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8. Very stiff sand to
9. Very stiff fine grained

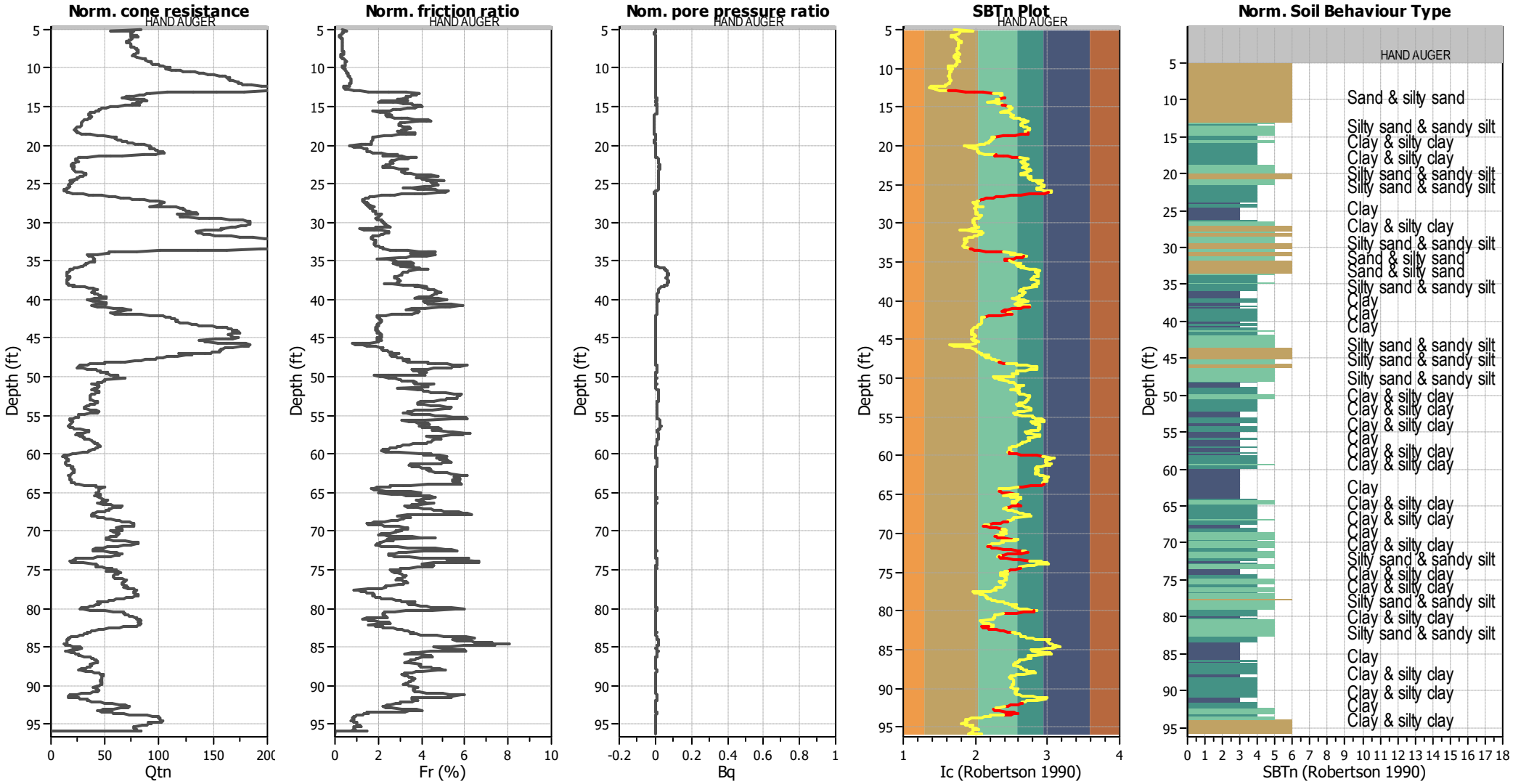
Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

CPT basic interpretation plots (normalized)



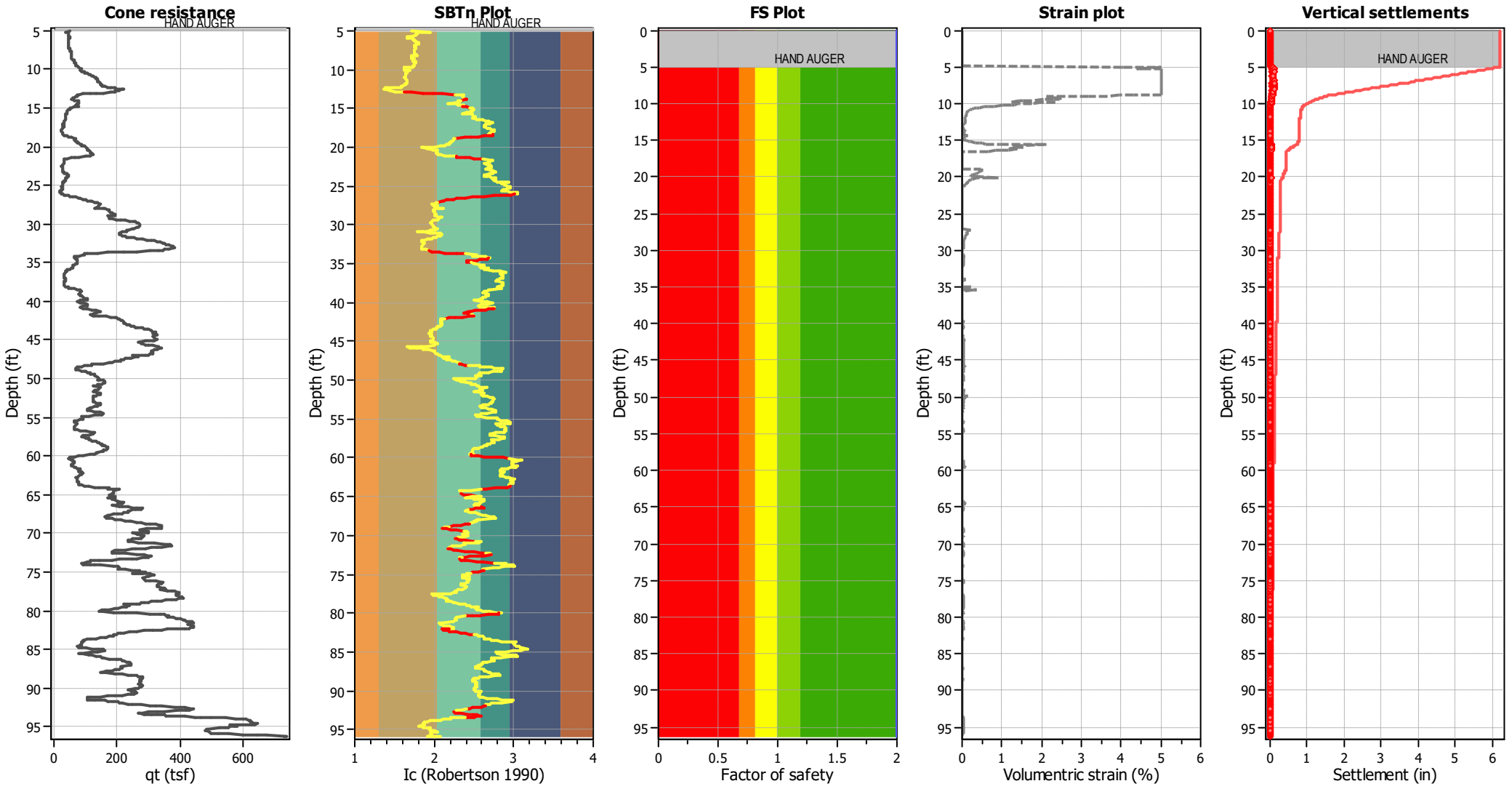
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	200.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	1	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.73	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.99	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	200.00 ft	Fill height:	N/A	Limit depth:	N/A

SBTn legend

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5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

Estimation of post-earthquake settlements



Abbreviations

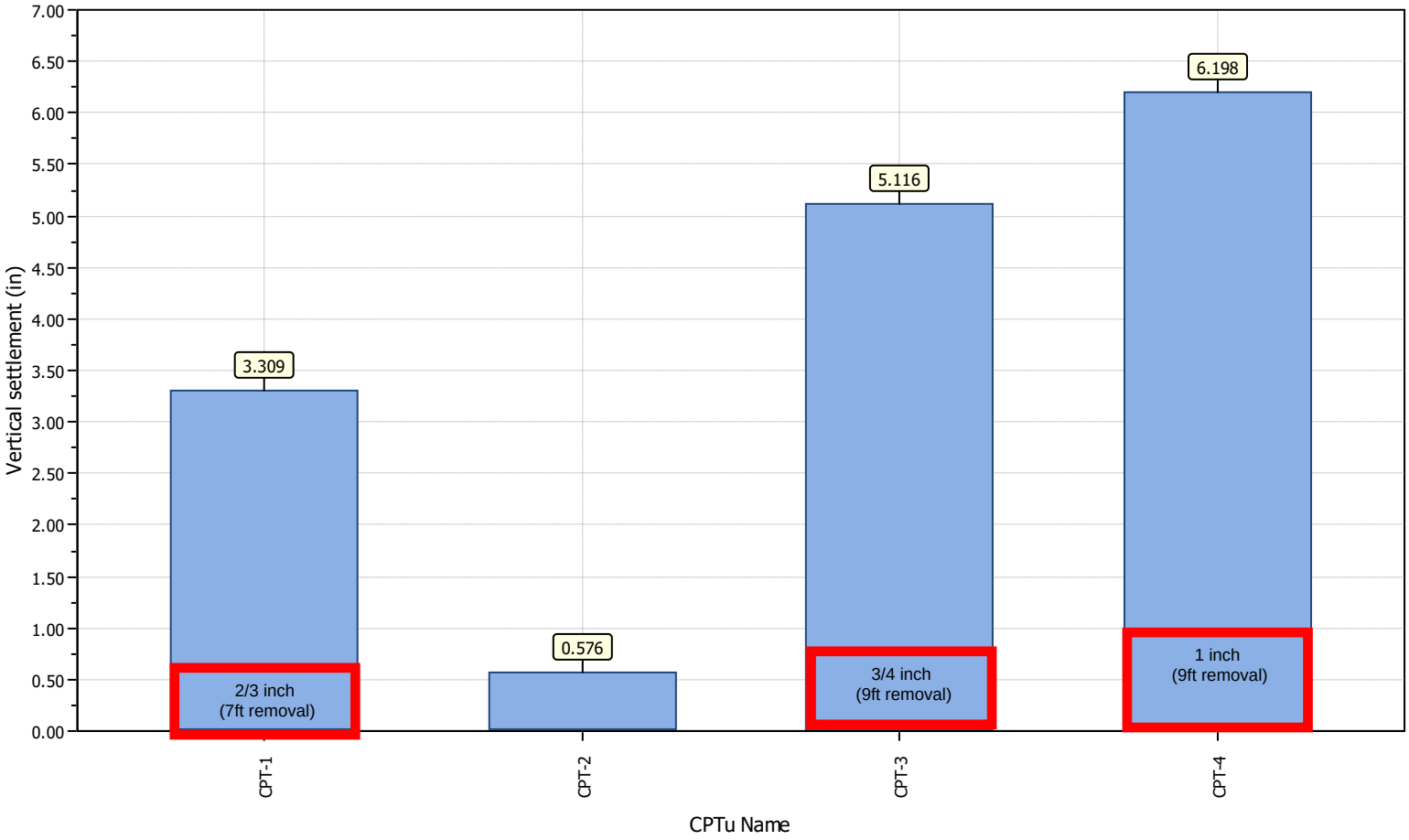
q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

Kehoe Testing and Engineering
714-901-7270
steve@kehoetesting.com
www.kehoetesting.com

Project title : Geolabs - Westlake Village / Inglewood High School

Location : 231 S. Grevillea Ave, Inglewood, CA

Overall vertical settlements report



Procedure for the estimation of seismic induced settlements in dry sands

Average shear stress, τ_{av}

$$\tau_{av} = CSR^{*} \cdot \sigma_{v0}' = 0.65 \cdot \frac{\alpha_{max}}{g} \cdot \sigma_{v0} \cdot r_a$$

Estimate small shear strain modulus, G_0

$$G_0 = 0.0188 \cdot \left[10^{(0.55 I_c + 1.68)}\right] \cdot (q_t - \sigma_v)$$

Estimate shear strain amplitude, γ

(based on Pradel (1998))

$$\gamma = \left[\frac{1 + \alpha \cdot e^{bR}}{1 + \alpha}\right] \cdot R \cdot 100\ (\%)$$

$$R = \frac{\tau_{av}}{G_0} \text{ (Note } \tau_{av} \text{ and } G_0 \text{ same units)}$$

$$\alpha = 0.0389 \cdot \left(\frac{\sigma_v}{p_a}\right) + 0.124$$

$$b = 6400 \cdot \left(\frac{\sigma_v}{p_a}\right)$$

Estimate volumetric strain in 15 cycles

$$\varepsilon_{vol(15)} = \gamma \cdot \left[\frac{(N_1)_{60,cs}}{20}\right]^{-1.20}$$

$$(N_1)_{60,cs} = \frac{Q_{tn,cs}}{8.5 \cdot \left[1 - \frac{I_c}{4.6}\right]}$$

Volumetric strain in design earthquake

$$\Sigma_{vol} = \varepsilon_{vol(15)} \cdot \left[\frac{N_c}{15}\right]^{0.45}$$

$$N_c = (M - 4)^{2.17}$$

Seismic settlement, s

$$s = 2 \cdot \int_0^{GWT} \Sigma_{vol} \cdot dz$$

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APPENDIX G

Typical Details

August 5, 2024
W.O. 9711.002
Revised September 25, 2024

RETAINING WALL
BACKDRAIN & BACKFILL

Native or Import soil - USCS Class SM-SC or ML EI < 20 or SE> 20 **

Upper 1 foot of backfill (level backslope) or backfill in sloping area should contain sufficient fines to provide adequate surficial slope stability and retard water infiltration.

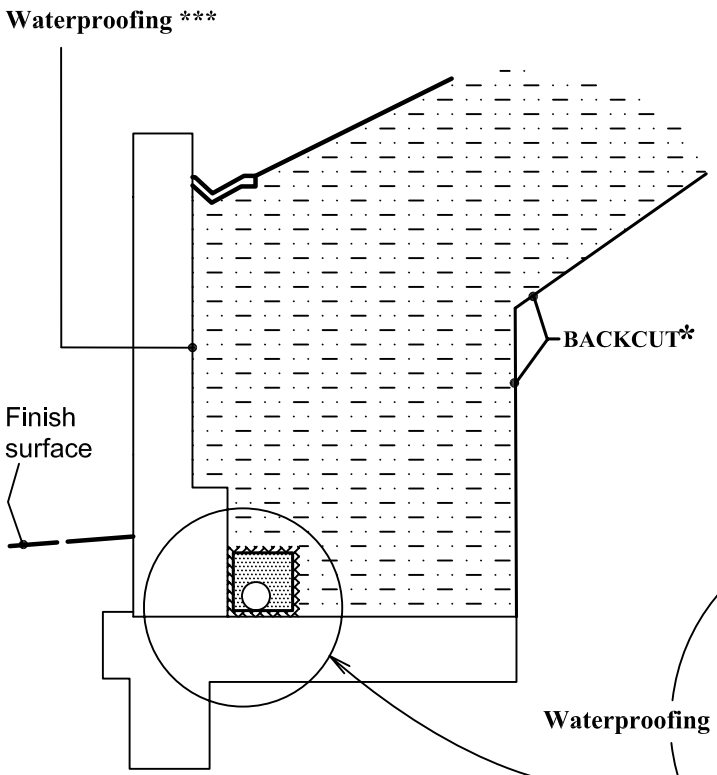
Backfill should be compacted to a minimum of 90% relative compaction.

FILTER MATERIAL (see gradation), pea gravel or rock - Geotextile should be used to separate pea gravel or rock from backcut and backfill.

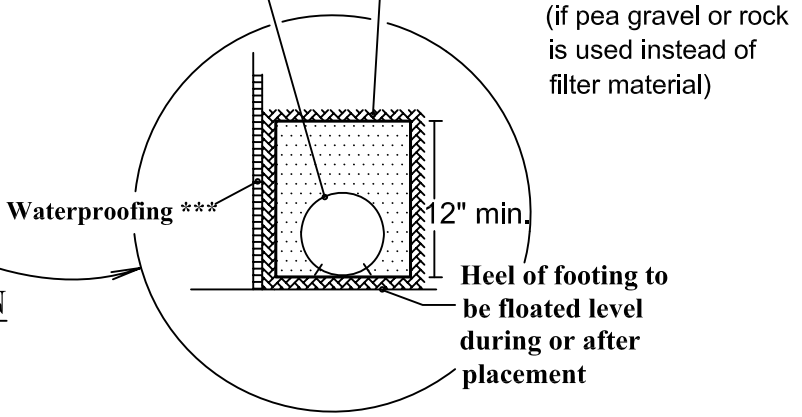
*** All backcuts shall be in accordance with OSHA standards.**

**** EI 21-30 may be used if placed at 2% over optimum**

***** Where moisture penetration of wall or wall staining is undesirable.**



3" (min.) to 4" (max.) perforated pipe (SDR 35 or equivalent) laid level on footing with holes set facing downward. Pipe should outlet to a non-erodable structure or device.



FILTER MATERIAL GRADATION

Sieve Size	% Passing
1"	100
3/4"	90-100
3/8"	40-100
#4	24-50
#8	15-35
#30	5-15
#50	0-7
#200	0-2

Geolabs – Westlake Village
GEOLOGY AND SOIL ENGINEERING

DATE _____ BY _____
SCALE N.T.S. W.O. _____

PLATE **RW1**

Appendix A-2

Fault Investigation Report

GEOLABS-WESTLAKE VILLAGE
Foundation and Soils Engineering, Geology
A dba of
R&R Services
Corporation
3595 Old Conejo Road, Thousand Oaks, CA 91320
Voice: (818) 889-2562

Fault Investigation Report, Inglewood High School
APNs 4020-017-900, 4020-016-900,
4020-025-900 & 4020-026-090
231 South Grevillea Avenue
County of Los Angeles, City of Inglewood, California

December 7, 2023
W.O. 9711

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Site-Specific Geologic Map .....Plate 2
Regional Geologic Map .....Plate 3
AP Zone Map.....Plate 4
Fault Trench Logs .....Plate 5
CGS Review Letter.....Appendix A

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Corporation
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Voice: (818) 889-2562

December 7, 2023
W.O. 9711

Inglewood Unified School District
401 South Inglewood Avenue
Inglewood, California 90301

SUBJECT: Fault Investigation Report, Inglewood High School,
APNs 4020-017-900, 4020-016-900, 4020-025-900 & 4020-026-090,
231 South Grevillea Avenue,
City of Inglewood, County of Los Angeles, California

INTRODUCTION

This report presents the results of our fault investigation performed at Inglewood High School located at 231 South Grevillea Avenue in the city of Inglewood to determine the presence or absence of surface traces of the Inglewood fault. It is proposed to remove and replace the administrative building and several classrooms on the campus. Several of these new buildings will be located within a state-defined Alquist-Priolo Earthquake Fault Zone (see Plates 2 and 4).

This report is intended for submittal to the appropriate governmental authorities that control the issuance of necessary permits and provides our findings of the fault investigation and appropriate building setback distances.

OBJECTIVE

The primary objective of this investigation was to determine if active faults (as defined by the Alquist-Priolo Earthquake Fault Zoning Act of 1972) are present on the subject site and to determine an appropriate building setback distance from active faults should they be encountered. The northeast corner of the subject site is located within an Alquist-Priolo Earthquake Fault Zone (AP Zone) defined by the California Division of Mines and Geology in 1986 (now California Geological Survey), as shown on the attached Earthquake Zones of Required Investigation Map (Plate 4). Governing agencies require fault investigations be performed on sites located within these zones when structures intended for human occupancy are proposed.

Additional information regarding AP Zones is provided below.

LOCATION

The Inglewood High School campus is located at the southwest corner of West Manchester Boulevard and South Grevillea Avenue in the city of Inglewood, California (Lat: 39.9512°; Long: 118.3430°, see Plate 1). The site is bounded by West Manchester Boulevard to the north, South Grevillea Avenue to the east, West Kelso Street to the south, and developed residential properties to the west. Access onto the site is gained from the streets along the north, south, and east sides, with access onto the campus proper being through secured gates on all sides.

SCOPE

The scope of our investigation involved the completion of the following:

1. Review of available general geologic data. A complete list of reviewed documents is provided on Plates R-1 through R-5.

2. Review of several fault investigation reports previously prepared for the subject property and for properties in the near vicinity of the site. A complete list of reviewed reports and corresponding review agency letters arranged by site address is provided on Plates R-1 through R-5. The locations of the various reviewed fault investigations have been indicated on Plate 4.

3. Review of a geotechnical engineering report previously prepared for the subject site by Geotechnologies, Inc. in 2001. The document reviewed is listed on Plate R.

4. Review of the following aerial photographs:

    a. Fairchild Aerial Surveys, June 18, 1934, Flight C-3060, Frame 115.

    b. Fairchild Aerial Surveys, August 30, 1941, Flight C-7347, Frame 2.

    c. Fairchild Aerial Surveys, July 1, 1956, Flight C-22555, Frames 19 - 24.

5. Excavation and detailed geologic logging of seven (7) fault trenches excavated on the subject property and in South Grevillea Avenue.

6. Preparation of a Site Location Map, a site-specific Geologic Map, a Regional Geologic Map, a map showing Earthquake Zones of Required Investigation, and a plate providing the Fault Trench Logs.

7. Presentation of our procedures, findings, and recommendations.

PROPOSED DEVELOPMENT

The findings contained in this report are based on preliminary plans provided by the project architects, GGA+. It is proposed to modernize portions of the Inglewood High School campus by removing several classroom and administrative building, primarily in the northeast and eastern portions of the site and constructing four (4) new classroom and administrative buildings in their place. Although the final configuration of the buildings is pending, we understand the buildings will be a combination of one and two stories. We have delineated the anticipated building footprints on Plate 2.

SITE CONDITIONS

The subject property is essentially level, with overall site relief from east to west being on the order of 5 to 6 feet. The site is developed with the Inglewood High School campus and is comprised of several one and two story classrooms, administrative, and accessory buildings, quad areas, sports courts, and grass fields. Portable classroom buildings are also present. The properties to the west of the campus are developed with single-family residences and apartment buildings.

Drainage of the site is partially by percolation through on-site soils and by sheetflow directed toward the west - southwest.

SITE HISTORY

Inglewood High School opened its doors in 1905. Since that time, buildings have been removed and new ones added, and the grass field areas have been modified. Based on our review of aerial photographs, the campus was enlarged toward the south sometime between 1941 and 1956 to extend to Kelso Street. The west, east, and north boundaries do not appear to have changed over time.

It is apparent that modernization of the campus, similar to what is currently proposed, was pursued in 2001, at which time Geotechnologies, Inc. was retained to perform a geotechnical engineering investigation for the construction of several new buildings and the renovation of several more. As part of their investigation, they excavated 34 exploratory borings 20 to 60 feet

in depth using both truck-mounted drilling equipment and hand labor. Samples were collected and laboratory tests were performed. They reported their findings and design recommendations in their referenced report dated September 24, 2001. At essentially the same time, Smith-Emery GeoServices was retained to perform a geologic investigation/fault study for the proposed buildings located within the AP Zone, notably in the northeast corner of the school campus. Smith-Emery excavated and geologically logged five (5) fault trenches to a maximum local depth of about 12 feet, although most of the trenches were 5 to 7 feet in depth. The locations of their trenches have been included on the enclosed Geologic Map, Plate 2. They generated the referenced report dated October 26, 2001, which summarized that no evidence of faulting was observed within their trenches. They did note, however, that due to the presence of buried old foundations, pipes, and an abandoned sewage disposal system consisting of a septic tank and three seepage pits located between the northernmost building and Manchester Boulevard, there were gaps in their trench data. Each of the Smith-Emery trenches were backfilled with the native soils and compacted to at least 90 percent relative compaction, which is documented in a compaction report provided in their referenced report. It appears the modernization project was put on hold sometime after the Smith-Emery and Geotechnologies reports were completed, as the Smith-Emery report was not reviewed by the California Geological Survey (CGS) until early 2023. In the referenced CGS review letter dated January 13, 2023 (provided in Appendix A), CGS notes the presence of the gaps within the trench data and suggests that additional trenching be performed to ensure complete coverage beneath the proposed buildings within the AP Zone. In mid-2023, Geolabs–Westlake Village was retained to perform the additional fault trenching necessary to fill in the gaps in the Smith-Emery data, and to perform additional trenching within Grevillea Avenue. The additional trenching in Grevillea Avenue was performed with the intent of exploring further east to allow more flexibility in the eastern limit of the proposed buildings. This report provides the findings of the supplemental fault trenching and provides appropriate building setback distances based on the geologic conditions encountered.

FIELD INVESTIGATION

This firm excavated and geologically logged seven (7) fault trenches on the subject site and within Grevillea Avenue between September 22 and October 10, 2023, in association with

this fault investigation. The locations of the trenches are shown on Plate 2 herein. Prior to beginning the trenching program, a map showing the proposed fault trench locations was provided to CGS for their review. The trenching began after receiving confirmation from CGS that the trenching program appeared acceptable. All fault trenches were geologically logged by the undersigned engineering geologist. Trenches A2 and C2 were observed by Mr. Michael J. DeFrisco, engineering geologist with CGS, prior to backfilling. Due to safety concerns with leaving the trenches open for an extended period, the remaining trenches were not observed by a CGS geologist, but rather were backfilled as soon as possible after logging by the undersigned geologist. The fault trenches were excavated approximately 6 to 10 feet in depth and extended at least 5 feet into competent native upper Pleistocene Lakewood Formation deposits. Most trenches were excavated with vertical trench walls supported with hydraulic shoring. However, due to caving in the upper few feet and the availability to trim the trench walls to a 1:1 slope ratio, the upper 5 feet of the trench walls of Trench A2 and C3, and the northern 16 feet of Trench C2, were trimmed to 1:1. The eastern ends of Trenches A4 and C4, excavated in the western lane of Grevillea Avenue, were tunneled below the pavement about 3 feet past the centerline of the street to ensure the trenching extended at least 50 feet beyond the anticipated limits of the easternmost building footprints. Similarly, the eastern end of Trench C2 was tunneled beneath a buried abandoned concrete storm drain inlet structure, but due to concerns about the integrity of the structure, the tunneling was halted. This necessitated excavating Trench C3 further to the north to ensure coverage in this area. Due to favorable lighting, in most instances the south trench walls were selected for logging, which were scraped clean and smooth to expose the earth materials. Field mapping of the trench walls was performed at a scale of 1 inch equals 5 feet. The logs of fault trenches are provided as Plate 5.

Trenches A1 through A3 and C1 through C3 were backfilled with the earth materials excavated from the trenches. Attempts were made to compact the backfill using a sheepsfoot wheel roller, but due to a relatively high moisture content and the desire to fill in the trenches as quickly as possible, the material was only marginally compacted. This trench backfill will require removal and recompaction to building code standards during the proposed site development. Trenches A4 and C4, excavated in Grevillea Avenue, were backfilled with slurry in accordance

with City of Inglewood requirements.

ALQUIST-PRIOLO EARTHQUAKE FAULT ZONE

As previously stated, the northeast corner of the property is located within a state-defined Alquist-Priolo Earthquake Fault Zone (AP Zone). The Alquist-Priolo Earthquake Fault Zoning Act (the Act), passed in 1972, is intended to mitigate the hazard of surface faulting to structures intended for human occupancy. It requires local governing agencies to regulate most construction projects located within these zones by requiring a geologic fault investigation to verify the absence, or presence, of active faults on the property. The Act defines an active fault as one that shows evidence of rupture during the Holocene epoch (past approximately 11,000 years). If an active fault is found, a structure intended for human occupancy may not be placed over the trace of the fault. Generally, a building setback zone is established, and all structures intended for human occupancy must be located outside of the building setback zone. A portion of the AP Zone map from CGS (Inglewood Quadrangle), showing the subject site and locations of researched nearby fault investigations, is provided herein as Plate 4. The approximate limits of the AP Zone from the map have also been transferred onto the site-specific Geologic Map (Plate 2).

With regards to the subject site, the site is located within an AP Zone established for the Inglewood fault, which is one of several fault splays comprising the Newport-Inglewood fault zone (Bryant, 1988). The Newport-Inglewood fault zone was originally zoned as an AP Zone in 1976, and at that time, the southern limits of the zone in the vicinity of the subject property included the entire Inglewood High School campus and areas west and extended past Kelso Street to the south. After re-evaluating the zones, a revised Earthquake Fault Zone map was issued in 1986, and on that map only the northeast corner of the high school property is included within the AP Zone (see Plate 4).

NEWPORT-INGLEWOOD FAULT ZONE

The subject site is located within the Newport-Inglewood fault zone (NIFZ), which extends for a lateral distance of about 42 miles, from Newport mesa northwest to Cheviot Hills. The NIFZ is comprised of a structurally complex series of left-stepping en echelon discontinuous right-lateral strike-slip faults and associated folds, with lesser normal and reverse faults (Bryant, 1988).

While the majority of slip along the faults within the zone has been right-lateral, there is a lesser component of vertical slip. According to Bryant (1988), the magnitude of right-lateral displacement along the NIFZ is not well known, but estimates range from as little as 600 feet to as much as 2 miles since its development in the late Miocene epoch. Similarly, the slip rate along the NIFZ is poorly constrained, with estimates ranging from 0.03 to 6.0 mm per year. The California Geological Survey assigns a late Quaternary and Holocene slip rate of 1+/-0.5 mm per year.

The NIFZ is seismically active and is responsible for the highly destructive 1933 M 6.3 Long Beach earthquake, as well as several moderate earthquakes in 1920, 1933, and 1944 (M 4.4 - M 5.4). No fault ground rupture was reported in association with any of these earthquakes, although ground failure as a result of liquefaction, seismic settlement, and lateral spreading was observed (Bryant, 1988). However, none of these geologic hazards were reported to have occurred on, or in the near vicinity of, the subject property.

As shown on Plate 4, the southern-most mapped trace of the Inglewood fault terminates at Manchester Boulevard approximately 200 feet east of the subject property.

REVIEW OF NEARBY FAULT INVESTIGATIONS

As part of this investigation, we have researched available fault investigation reports available on the CGS website for nearby properties. The reviewed reports are provided in the list of references on Plates R-1 through R-5, and the locations of the investigations are shown on the AP Zone map (Plate 4). No evidence of active faulting was encountered on any of the properties evaluated in the reviewed reports.

RESULTS OF FAULT INVESTIGATION

Seven fault trenches were excavated and geologically mapped on the subject site as part of this investigation and to supplement the previous five trenches excavated by Smith-Emery in 2001. The locations of all trenches excavated on the property are shown on Plate 2. The graphic logs of our trenches, including detailed descriptions of the earth materials encountered, are provided as Plate 5.

SITE STRATIGRAPHY

The subject property is mantled locally with a layer of man-made uncertified artificial fill (labeled "af") associated with minor past grading performed at the site and in the installation of utility lines and the abandoned septic system. Where observed in our fault trenches, the maximum thickness of the fill was about 3 feet. Smith-Emery reported similar fill depths, except in areas where man-made subsurface structures were encountered, notably on the north side of the campus where the septic system is located. In this area, a maximum localized fill depth of about 8 feet was reported. The artificial fill is underlain by moderately dense to locally very dense, albeit unconsolidated, native sediments assigned to the upper Pleistocene Lakewood Formation (Qlw). On the referenced Regional Geologic Map (Dibblee, 2007 – Plate 3), this deposit is referred to as late Pleistocene "Older Alluvium". The Lakewood Formation encountered on site is comprised of slightly clayey sand to silty sand to gravelly sand, with the grain size and gravel content generally increasing with depth. The upper 3 to 4 feet is mottled brown to very dark brown and is very fine to fine grained. The upper 6 inches is locally organic rich in areas overlain by lawns and planters. Below 4 feet, the color gradually lightens to brown to dark yellowish brown with gray brown mottling and the grain size increases to medium to locally coarse grained with scattered gravel (see Photo 1 below).



Photo 1 – View west at Trench C2 showing color gradation.

The upper 4 feet are moderately loose to moderately dense and porous and is slightly to locally highly bioturbated. Below 4 feet, it becomes moderately dense to locally very dense. Vague horizontal stratification was observed locally within the gravelly sand in Trench A3, otherwise the deposit is massive and structureless. Orange oxide stains are relatively common below a depth of 6 feet (see Photo 2 below).



Photo 2 – View east at east end of Trench A3 showing oxide staining below 6'.

Detailed lithologic descriptions of the earth materials encountered are provided on the Fault Trench Logs, Plate 5.

FAULTING

No evidence of faulting, such as offset contacts or layers, shears, or fractures, was observed in any of the fault trenches excavated and logged by this firm, and no faulting was reported by Smith-Emery in their trenches excavated in 2001. It is our conclusion that the subject property is not underlain by active faults.

BUILDING SETBACK DISTANCES

The AP Act requires that structures intended for human occupancy be setback a sufficient distance from any known active fault trace, with a minimum setback distance of 50 feet typically being required. As shown on Plate 2, all portions of the proposed buildings should maintain a minimum 50 foot horizontal setback distance from the east ends of Trenches A4 and C4. The 50

foot setback zone is shown on the enclosed Geologic Map, Plate 2.

CLOSURE

This fault investigation report has been prepared in accordance with generally accepted engineering practices at this time and location. No other warranties, either express or implied, are made as to the professional advice provided under the terms of our agreement and included in this report.

Thank you for this opportunity to be of service. Please do not hesitate to call if you have any questions regarding this report.

Respectfully submitted,
GEOLABS-WESTLAKE VILLAGE

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REFERENCE LIST:

GEOLOGIC/TECHNICAL REFERENCES

Barrows, A.G., 1974, A Review of the Geologic and Earthquake History of the Newport-Inglewood Structural Zone, Southern California: CDMG Special Report 114.

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LOCATION MAP



Reference Map: https://asce7hazardtool.online/

Geolabs - Westlake Village
GEOLOGY AND SOIL ENGINEERING

DATE 12/7/2023 BY JN

SCALE NTS W.O. 9711

PLATE 1

GEOLOGIC MAP

Inglewood High School
231 South Grevillea Avenue
County of Los Angeles,
City of Inglewood, California

APPROXIMATE LIMITS OF ALQUIST-PRIOLO EARTHQUAKE FAULT ZONE

MANCHESTER BLVD

TRENCH A1 (Geolabs)

TRENCH A (Smith-Emery)

Qlw (thin af cover)

TRENCH B (Smith-Emery)

Qlw (thin af cover)

(E) SEPTIC TANK AND SEEPAGE PITS

TRENCH A2 (Geolabs)

TRENCH A3 (Geolabs)

50' Setback Zone

GREVILLEA AVE

Proposed Building #3

Qlw (thin af cover)

50' Setback Zone

TRENCH C3 (Geolabs)

Proposed Building #4

TRENCH D (Smith-Emery)

TRENCH C (Smith-Emery)

TRENCH C2 (Geolabs)

TRENCH C1 (Geolabs)

Qlw (thin af cover)

TRENCH C4 (Geolabs)

TRENCH E (Smith-Emery)

50' Setback Zone

APPROXIMATE LIMITS OF ALQUIST-PRIOLO EARTHQUAKE FAULT ZONE

Proposed Building #1

Proposed Building #2

EXPLANATION

af	Artificial Fill
Qlw	Lakewood Formation (Older Alluvium)
	Approximate Location of Fault Trench by Smith-Emery GeoServices, 2001
	Approximate location of Fault Trench by Geolabs - Westlake Village, 2023
	Limit of Proposed Building Footprints

N

40 20 10 0 40 80 120

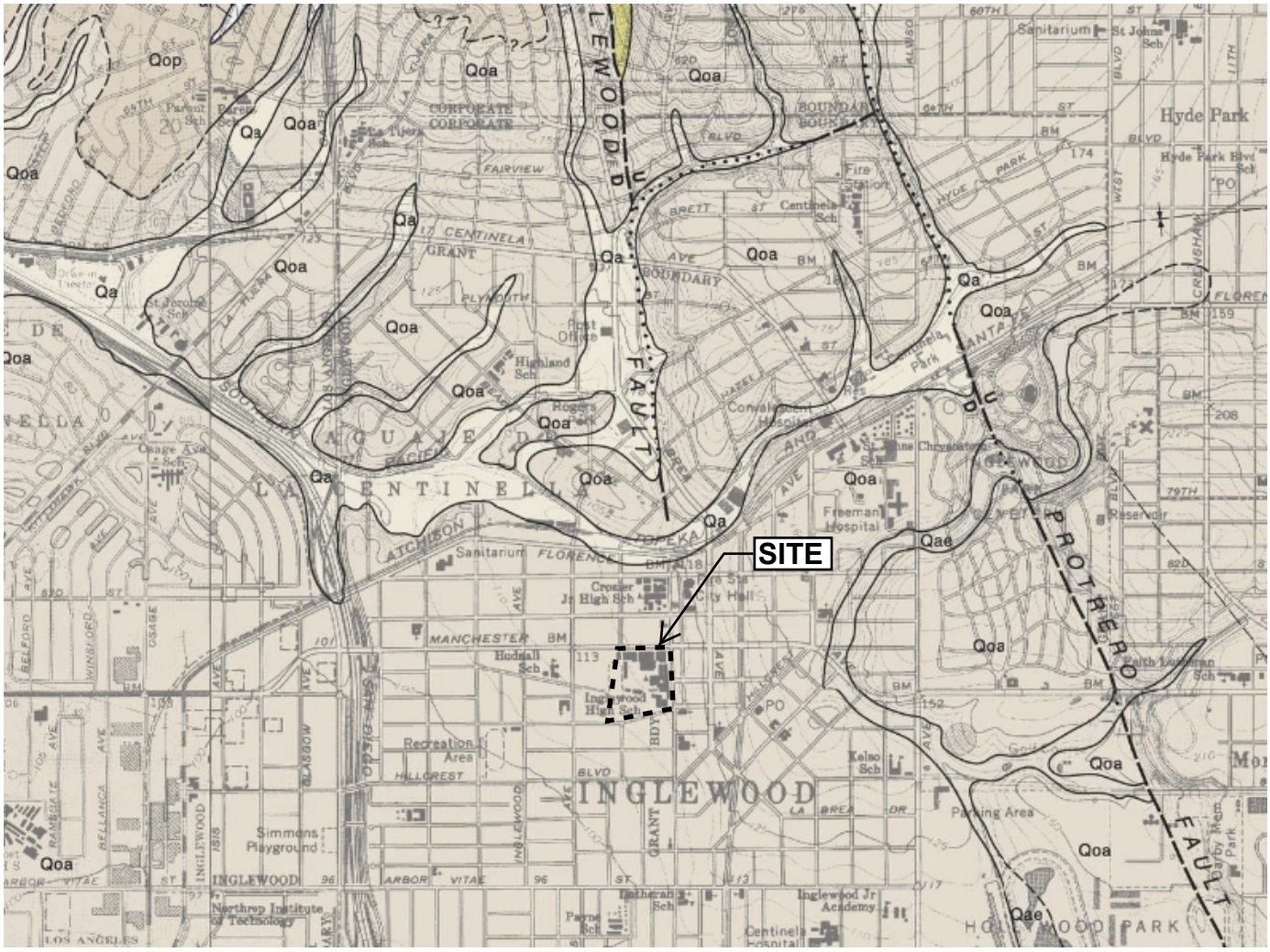
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Geolabs – Westlake Village
GEOLOGY AND SOIL ENGINEERING
DATE 12/7/2023 BY JN
SCALE 1" = 40' W.O. 3711

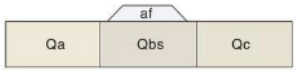
PLATE X

P:\jobs\3700's\3711 Inglewood HS\Geologic Map.dwg

REGIONAL GEOLOGY MAP



LEGEND



SURFICIAL SEDIMENTS

Alluvial sediments, unconsolidated, undissected

af *Artificial cut and fill*
Qbs *Beach sand*
Qc *Clay and sand of predeveloped marshlands*
Qa *Alluvial gravel, sand, and clay, derived mostly from Santa Monica mountains; includes gravel and sand of minor stream channels*



LANDSLIDE RUBBLE

Qls *Landslide rubble*



OLDER SURFICIAL SEDIMENTS

Unconsolidated to weakly consolidated alluvial sediments, dissected where elevated; age, late Pleistocene

Qos *Old sand dune deposits*
Qae *Alluvial gravel, sand, and clay, slightly elevated and dissected*
Qop *Paleosol in Baldwin Hills (Fox Hills paleosol of Weber et al., 1982) gray to rusty brown, sandy, locally pebbly, moderately indurated "hardpan" on* **Qoa**
Qoa *Older alluvium of gray to light brown pebble-gravel, sand, and silt-clay, elevated and dissected; in Baldwin Hills designated as Baldwin Hills sandy gravel by Weber et al., 1982, where it is much dissected and eroded*

GEOLOGIC MAP OF THE VENICE and INGLEWOOD QUADRANGLES

LOS ANGELES COUNTY, CALIFORNIA

BY THOMAS W. DIBBLEE, JR., 2007

EDITED BY JOHN A. MINCH

Dibblee Geology Center Map #DF-322: First Printing, May 2007
SANTA BARBARA MUSEUM OF NATURAL HISTORY
2559 PUESTA DEL SOL ROAD, SANTA BARBARA, CA 93105
HTTP://WWW.SBNATURE.ORG/





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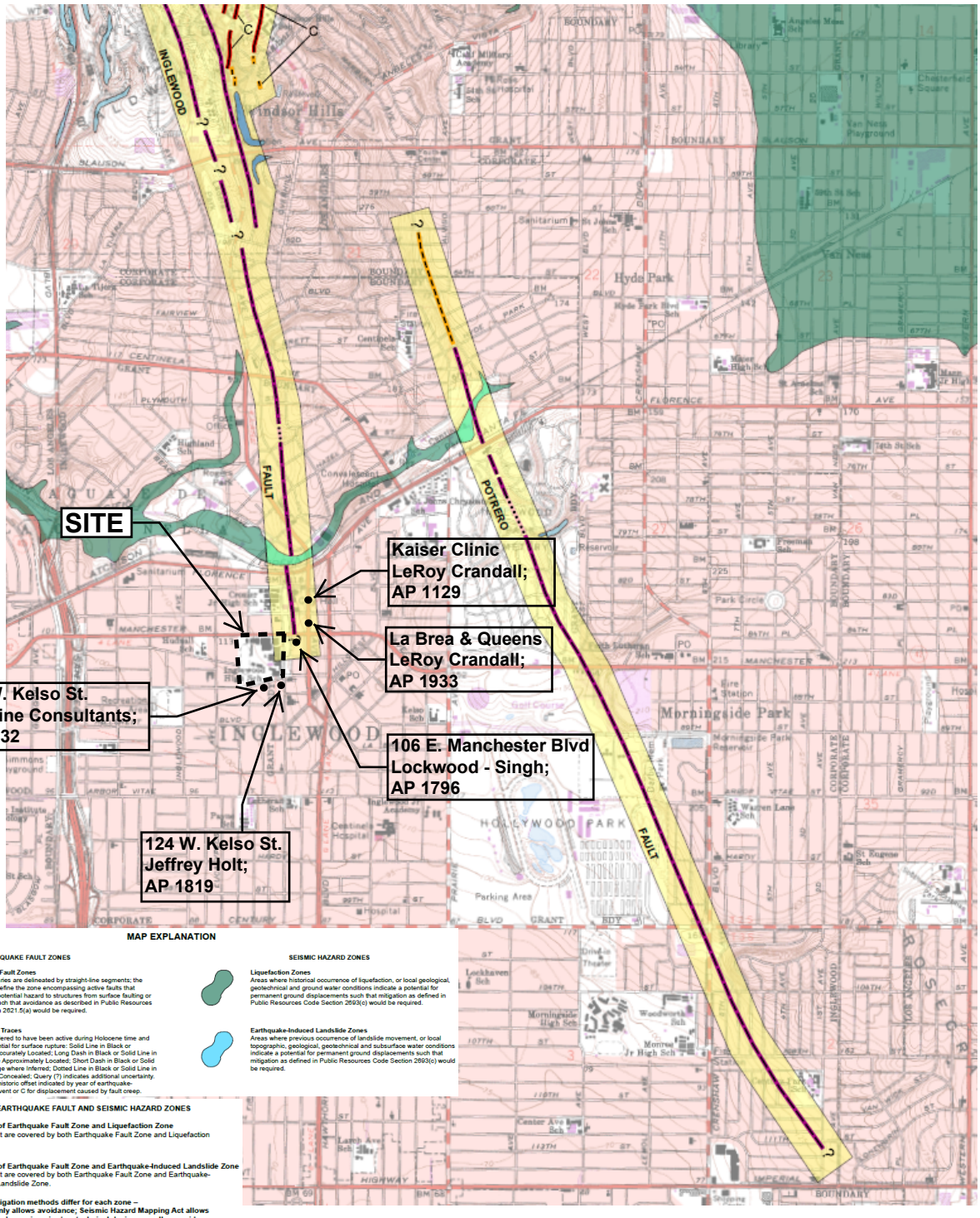
GEOLOGY AND SOIL ENGINEERING

DATE 12/7/2023 BY JN

SCALE NTS W.O. 9711

PLATE 1

EARTHQUAKE ZONES OF REQUIRED INVESTIGATION MAP



MAP EXPLANATION

EARTHQUAKE FAULT ZONES

Earthquake Fault Zones
Zone boundaries are delineated by straight-line segments; the boundaries define the zone encompassing active faults that constitute a potential hazard to structures from surface faulting or fault creep such that avoidance as described in Public Resources Code Section 2621.5(a) would be required.

Active Fault Traces
Faults considered to have been active during Holocene time and to have potential for surface rupture; Solid Line in Black or Red where Accurately Located; Long Dash in Black or Solid Line in Purple where Approximately Located; Short Dash in Black or Solid Line in Orange where Inferred; Dotted Line in Black or Solid Line in Rose where Concealed; Query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.

SEISMIC HAZARD ZONES

Liquefaction Zones
Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

Earthquake-Induced Landslide Zones
Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

OVERLAPPING EARTHQUAKE FAULT AND SEISMIC HAZARD ZONES

Overlap of Earthquake Fault Zone and Liquefaction Zone
Areas that are covered by both Earthquake Fault Zone and Liquefaction Zone.

Overlap of Earthquake Fault Zone and Earthquake-Induced Landslide Zone
Areas that are covered by both Earthquake Fault Zone and Earthquake-Induced Landslide Zone.

Note: Mitigation methods differ for each zone – AP Act only allows avoidance; Seismic Hazard Mapping Act allows mitigation by engineering/geotechnical design as well as avoidance.

INGLEWOOD QUADRANGLE

EARTHQUAKE FAULT ZONES	SEISMIC HAZARD ZONES
Delineated in compliance with Chapter 7.5 Division 2 of the California Public Resources Code (Alquist-Priolo Earthquake Fault Zoning Act)	Delineated in compliance with Chapter 7.8 Division 2 of the California Public Resources Code (Seismic Hazards Mapping Act)
REVISED OFFICIAL MAP	OFFICIAL MAP
Released: July 1, 1986	Released: March 25, 1999
STATE GEOLOGIST	STATE GEOLOGIST

Reference Map is a Portion of :

Earthquake Zones of Required Investigation
Inglewood Quadrangle

California Geological Survey

This Map Shows Both Alquist-Priolo Earthquake Fault Zones And Seismic Hazard Zones Issued For The Inglewood Quadrangle

Geolabs - Westlake Village
GEOLOGY AND SOIL ENGINEERING

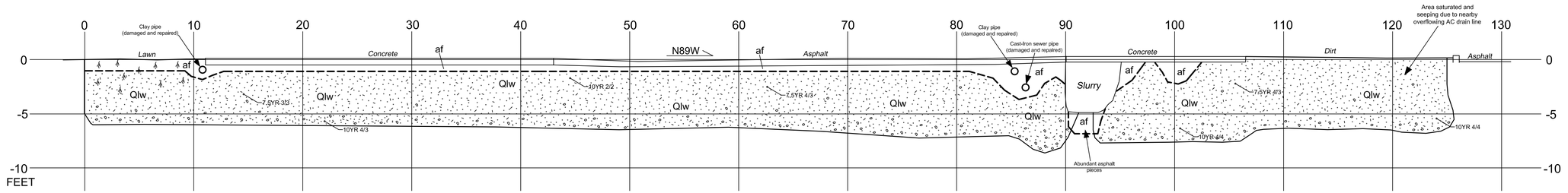
DATE 12/7/2023 BY JN
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PLATE 1

FAULT TRENCH LOGS

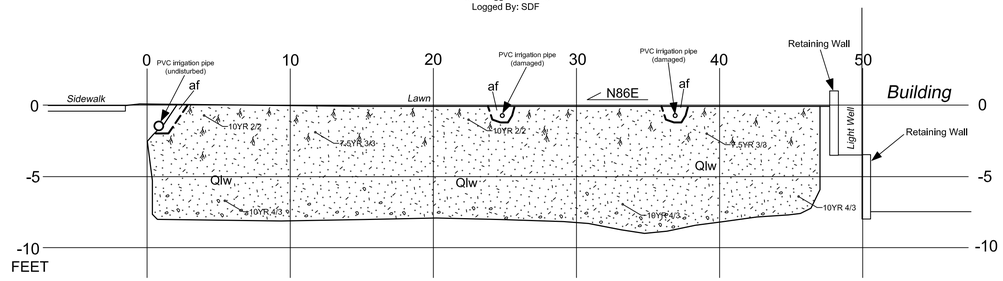
TRENCH A1

Log of south trench wall
Date Logged: 9/27/23 & 9/28/23
Logged By: SDF



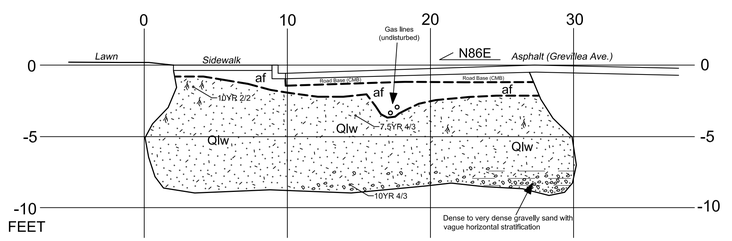
TRENCH A2

Log of south trench wall
Date Logged: 9/25/23
Logged By: SDF



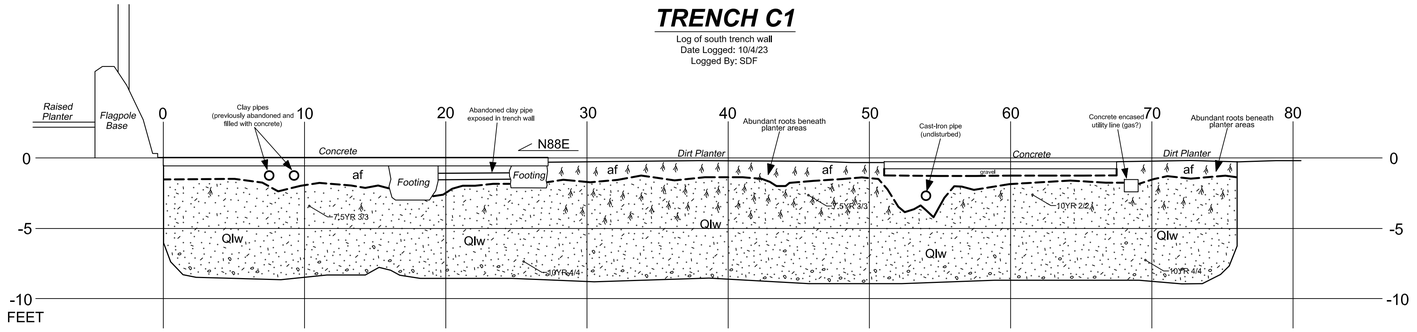
TRENCH A3

Log of north trench wall
Date Logged:10/10/23
Logged By: SDF



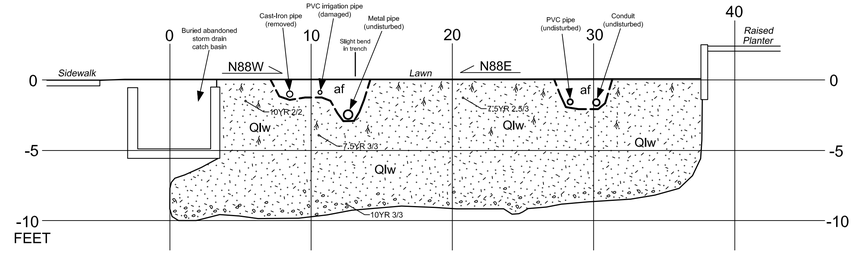
TRENCH C1

Log of south trench wall
Date Logged: 10/4/23
Logged By: SDF



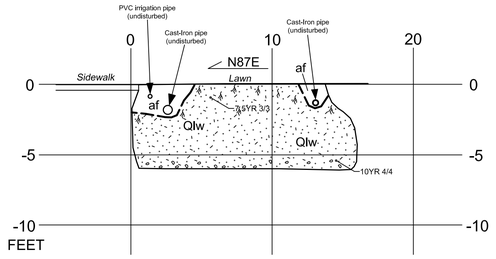
TRENCH C2

Log of south trench wall
Date Logged: 9/22/23
Logged By: SDF



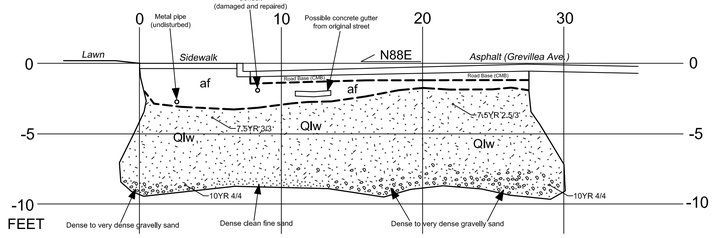
TRENCH C3

Log of south trench wall
Date Logged: 9/22/23
Logged By: SDF



TRENCH C4

Log of north trench wall
Date Logged:10/9/23
Logged By: SDF



LITHOLOGY

af Artificial Fill: Gravelly Sand to Silty Sand, light to medium brown to locally yellowish brown, sand is generally fine to medium grained, moderately loose, contains minor amounts of man-made debris except locally in Trench A1 where abundant angular asphalt pieces up to 6 inches in size are present, small active roots common except where covered by concrete or asphalt, moist to very moist beneath lawn areas, dry to damp elsewhere.

Qlw Lakewood Formation: Slightly Clayey Sand to Silty Sand to Gravelly Sand, varies from mottled brown to very dark brown (7.5YR 4/3 to 10YR 2/2) in the upper 3 to 4 feet to brown to dark yellowish brown (10YR 3/3 to 10YR 4/4) with gray brown (10YR 5/2) mottling below (color lightens with depth), sand is typically very fine to fine grained to about 6 feet then increases in grain size to medium to coarse grained below, orange oxide staining common below 6 feet, upper 4 feet is moderately loose to moderately dense and porous, and is bioturbated, slightly porous and dense to locally very dense below 4 feet (density increases with depth), very minor scattered subrounded gravel in upper 6 feet, grades to dense gravelly sand with very minor pockets of clean fine sand below 6 feet, vague horizontal stratification observed in Trench A3 within gravelly sand, otherwise deposit was observed to be massive, upper 6 inches is organic rich beneath lawn areas, abundant small active roots in upper 4 feet beneath lawn and planter areas, few scattered small roots elsewhere, moist to very moist to a depth of about 4 feet beneath lawn areas, damp to slightly moist elsewhere.

P:\2711\Fault trenches.dwg

Geolabs - Westlake Village
GEOLOGY AND SOIL ENGINEERING

DATE 12/7/2023 BY SDF
SCALE 1" = 5' W.O. 9711

PLATE 5

APPENDIX A

CGS Review Letter dated January 13, 2023

December 7, 2023
W.O. 9711

Jordan Miles
Deputy Chief Facilities Planning & Construction Officer
Inglewood Unified School District
401 South Grevillea Avenue
Inglewood, CA 90103

January 13, 2023

Subject: **Fault Hazard Review for**
Inglewood High School – Modernization Project
231 South Grevillea Avenue, Inglewood, CA
CGS Application No. 03-CGS5657

Dear Mr. Miles:

In accordance with your request and transmittal of documents received on November 3, 2022, the California Geological Survey (CGS) has reviewed the fault hazard evaluation report prepared for the subject project at Inglewood High School. Based on the Site Data Report that we received with the application for this project, we understand this is a review of the fault rupture evaluation previously conducted at the site for future modernization and renovation/replacement of existing buildings including the administration building, auditorium, and gymnasium. This review was performed in accordance with Title 24, California Code of Regulations, 2022 California Building Code (CBC) and followed CGS Note 48 guidelines. We reviewed the following report:

> **Report of Limited Geologic Investigation/Fault Study, Inglewood High School, 231 South Grevillea, Inglewood, California:** Smith-Emery GeoServices, 791 East Washington Boulevard, Los Angeles, California 90021; SEG File No. 31446-1, SEG Report No. G-01-8692, report dated October 26, 2001, 10 pages, 6 plates, 2 appendices.

Based on the Site Data Report that we received for this project, it is our understanding the specific scope of work for modernization of the high school campus has not yet been determined but will most likely include demolition of existing buildings and construction of new classroom buildings, along with renovation or replacement of the administration building, gymnasium, and auditorium. We note the above-referenced report reviewed for this project only addressed fault rupture hazard and the results of a limited evaluation of the Alquist-Priolo Earthquake Fault Zone (APEFZ) for the Inglewood fault. The report did not address other engineering geology, seismology, and geologic hazards at the site. We anticipate the consultants will provide an assessment of the engineering geology and seismology issues at the site in accordance with CGS Note 48 and the 2022 CBC at a later time.

Fault Rupture Hazard Evaluation

In the referenced report by Smith-Emery GeoServices, the consultants provided results of a fault rupture hazard evaluation at the northeastern portion of the high school campus in 2001. The investigation was performed under the direction of Edgar W. Lundeen, Certified Engineering Geologist 386, whose licensed expired in 2007, and included excavation and logging of five trenches. The trenches were reportedly 2 to 3 feet wide and 5 to 12 feet deep, and exposed fill materials and terrace deposits/older alluvium of the Pleistocene Lakewood Formation. The consultants reported the site is located approximately 300 feet west-southwest of the mapped trace of the Inglewood fault and is partially located within an Alquist-Priolo Earthquake Fault Zone (APEFZ) for the Inglewood fault segment of the Newport-Inglewood fault zone. They also reported that faults were identified during an investigation of the Inglewood fault conducted at 225 North La Brea (Triad Geotechnical Consultants, Inc., 1992), located north-northwest of the high school campus. Based on the results of the investigation within the APEFZ at the northeastern portion of Inglewood High School campus, the consultants reported that no evidence of faulting, surface rupture, shear zones, or significant calcium carbonate deposits was encountered and that no faults or disturbances of subsurface materials were exposed in the trenches.

CGS provides the following comments on the investigation conducted in 2001 by Smith-Emery GeoSevices:

- The log of Trench A indicates that gaps totaling approximately 28 feet in length (measured horizontally along the bottom of the trench) did not expose native Lakewood Formation soils and were not investigated for faults due to the presence of artificial fill, brick-lined seepage pits, and a septic tank.
- A gap approximately 30 feet in length between Trenches A and B was not excavated/investigated due to the presence of a surface drain and equipment storage building. The consultants suggested that Trenches C, D, and E should be considered to overlap the gap between Trenches A and B; however, CGS notes that Trenches C, D, and E were excavated approximately 400 feet south of Trenches A and B, and we question the conclusion that Trenches C, D, and E adequately evaluate potential fault rupture hazard across the gap between Trenches A and B.
- Trench A and Trench C do not appear to adequately evaluate potential fault rupture hazard in the vicinity of existing Building B and the area east of Trench C as illustrated on Plate No. 4 – Plot Plan.

The application that we received for this project indicates that future reports will be prepared by Ryan Prose, Certified Engineering Geologist 2625, and Larry Stark, Registered Geotechnical Engineer 2772, with Geolabs-Westlake Village. To address the fault hazard at this campus, CGS recommends the consultants review the referenced report by Smith-Emery GeoServices, any additional fault investigations available in the immediate site vicinity, Fault Evaluation Report 173 (CDMG, 1985), and this letter, and provide an assessment of the investigation and fault rupture hazard with respect to areas within the APEFZ not adequately evaluated or investigated, or provide revised conclusions and recommendations as necessary. The consultants are encouraged to discuss fault rupture hazard as it relates to proposed development at the campus with CGS.

In conclusion, ***the fault hazard concerns at this site are not adequately assessed in the referenced report***. It is recommended that additional information be provided as requested in this letter and in accordance with CGS Note 48. The consultants are reminded that one copy of all supplemental documents should be submitted, should include the CGS application number, and should be uploaded directly to CGS at this link: https://www.conservation.ca.gov/cgs/upload-school. If you have any further questions about this review letter, please contact the primary reviewer at (213) 598-1541 or michael.defrisco@conservation.ca.gov .

Respectfully submitted,

Michael J. DeFrisco
Engineering Geologist
PG 8624, CEG 2574



Concur:

Jennifer Thornburg
Senior Engineering Geologist
PG 5476, CEG 2240



Copies to:

Ryan Prose, *Certified Engineering Geologist*, and Larry Stark, *Registered Geotechnical Engineer*
Geolabs-Westlake Village, 3595 Old Conejo Road, Thousand Oaks CA 91320

Harry Drake, *Architect*
GGA, 135 West Green Street, Suite 200, Pasadena, CA 91105

Douglas Humphrey, *Regional Manager*
Division of State Architect, 355 South Grand Avenue, Suite 2100, Los Angeles, CA 90071

Appendix B

Phase I Environmental Site Assessment Report

PHASE 1

ENVIROMENTAL SITE ASSESSMENT

INGLEWOOD HIGH SCHOOL

PREPARED BY

ENCORP ENVOIRNMENTAL MANAGEMENT

MAY 14, 2002

SMITH-EMERY GEOSERVICES
A MEMBER OF THE SMITH-EMERY COMPANIES, ESTABLISHED 1904

791 EAST WASHINGTON BOULEVARD
LOS ANGELES, CALIFORNIA 90021
PHONE 213/745/5333
FAX 213/746-0744

PHASE I ENVIRONMENTAL SITE ASSESSMENT
INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

Prepared for

Encorp Environmental Management & Services
615 North Nash Street #203
El Segundo, California 90245

May 14, 2002

SEG File No. 31955-1
SEG Report No. G-02-9186

NORTHERN CALIFORNIA

SACRAMENTO
PHONE 916/374-0754
SAN FRANCISCO
PHONE 415/330-3000

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ORANGE COUNTY

1195 NORTH TUSTIN AVENUE
ANAHEIM, CALIFORNIA 92807
PHONE 714/238-6133
FAX 714/238-6144

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INTRODUCTION

Smith-Emery GeoServices has performed a Phase I Environmental Site Assessment at 231 South Grevillea Avenue, in the City of Inglewood, Los Angeles County, California as shown on the Vicinity Map, Plate No. 1. The layout of the subject site and the adjacent sites is shown on the Site Schematic, Plate No. 2. Photographs of the site are displayed as Plates No. 3A - 3C. Copies of the historical Sanborn Maps are included as Plates No. 4A - 4D. A copy of the regulatory database report is included in Appendix A. Copies of the subject site documentation are included in Appendix B. The literature referenced is listed in Appendix C.

SCOPE OF WORK

The scope of work for this study included the following:

1. Site reconnaissance;
2. Drive-by survey of surrounding land use;
3. Review of historical aerial photograph;
4. Review of historical Sanborn Maps;
5. Review of historical city directories;
6. Review of the history and past usage of the referenced site and surrounding properties;
7. Summary of regional geology and hydrology;
8. Review of files at local, state, and federal agencies to identify spills, tank leaks, hazardous materials storage, oil wells, underground tanks, landfills, or industrial discharge in the site vicinity, and;
9. Preparation of this report presenting our findings.

Please note that sampling and chemical analysis of soils, groundwater, and/or building materials was not within the scope of this study.

The following information sources were utilized during the course of this investigation:

***United States**
Environmental Protection Agency
U. S. Geologic Survey

***State of California**
Department of Toxic Substances Control
Department of Conservation, Division of Oil and Gas and Geothermal Resources
California Department of State Architects

***City of Inglewood**
Department of Building and Safety
Fire Department
Environmental Unit
Hazardous Materials Section
Central Industrial Section

***Los Angeles County**
Assessors Office
Department of Public Works
Environmental Programs Division
Hydrologic Section
Department of Health Service
Public Health Investigation

*** Environmental Data Resources**
City Directories
Governmental Listings
Sanborn Maps
Aerial Photographs

SITE HISTORY/SETTING

SITE DESCRIPTION

Smith-Emery GeoServices has performed a Phase I Environmental Site Assessment at 231 South Grevillea Avenue in the City of Inglewood, Los Angeles County, California. The site is located approximately 0.9 mile southeast of the Centinela Creek in the northern portion of the West Coast Groundwater Basin. The San Diego (405) Freeway is located approximately 0.7 miles west of the subject site. The site is occupied by numerous structures and is used as the Inglewood High School. The entire property is approximately 700,000 square feet in size. The elevation of the site is approximately 115 feet above mean sea level (USGS Inglewood Quadrangle).

LEGAL DESCRIPTION

According to records at the Los Angeles County Assessors Office the site is located in the City of Inglewood, County of Los Angeles, and State of California and is described as: Lot BD by Manchester Boulevard E by Grevillea Avenue SW C/L of Olive Street cavated and W by C/L of Fir Avenue vacated vac Sts and Blk 231 and part of Lot A see Assessor Mapbook for missing portion 3, 4, 7 and 8 Blk 230 Inglewood. A copy of the descriptions and assessors maps is included in Appendix B.

HISTORICAL SITE ADDRESSES

According to the Sanborn Maps the historical site addresses include: 100, 130, 206, and 214 West Manchester Boulevard; 201, 205, 207, 215, 221, 303, 309, 319, and 325 Grevillea Avenue; 100, 116, 118, and 138 West Pimiento; and 181 Olive.

GENERAL SITE HISTORY

An outline of the general history of the site is listed below. Each item listed will be described in greater detail in the Sanborn Map, Aerial Photograph, and City Directory sections of this report.

Subject Site

- Before 1912 to the 1950s: The site was used for school and residential purposes.
- 1950s to the present: The site has been used for school purposes. Minor printing and limited private auto repair operations were also performed onsite.
- Currently the school is identified as Inglewood High School and is used by the Inglewood School District.

Adjacent Sites

- Historically, the adjacent sites have been used for gas station, commercial, and residential purposes. The gas station was located to the north across Manchester Boulevard.

SITE RECONNAISSANCE

A reconnaissance of the site was performed by Smith-Emery GeoServices (SEG) personnel on May 7, 2002. The property was observed for, but not limited to, evidence of underground storage tanks (USTs), above ground storage tanks (ASTs), drums, sumps, pits, lagoons, leach fields, dry wells, suspected polychlorinated biphenyls (PCBs), asbestos

containing building materials, potential contamination, and onsite handling of hazardous materials and wastes.

The site is bordered to the north by the Manchester Boulevard, across which are two structures occupied by the Inglewood Library and the Los Angeles County Health Center. Residential dwellings border the site to the west and to the south across Kelso Street. The site is bordered to the east by Grevillea Avenue, across which are three commercial structures. The surrounding area is commercial and residential in land use. The layout of the structures and other items onsite is shown on the Site Schematic, Plate No. 2. Photographs of the site are displayed a Plates No. 3A - 3C.

The site is approximately 700,000 square feet in size. Multiple structures were located on the northern and eastern portions of the property. Several exterior drains were observed across the site, however, no staining was observed. Paved basketball courts were observed on the north-central portion of the site. Parking areas were observed on the southern portion of the site. Open grass and/or dirt field areas were observed on the southern and western portions of the site.

The structures observed onsite appeared to consist of three types of construction. Five structures including the auditorium, gymnasium, and administration building appeared to consist of concrete tilt-up construction. Permanent classroom buildings appeared to generally consist of wood frame construction with a stucco exterior. Portable classroom buildings appeared to consist of wood frame construction.

Interior building materials observed at the site include: a suspended ceiling containing 2 by 4-foot acoustical ceiling tiles and fluorescent light fixtures, concrete flooring, 12 by 12-inch glued-on ceiling tiles, 12 by 12-inch and 9 by 9-inch vinyl floor tiles, and drywall covered walls and ceilings. The site is currently occupied by Inglewood High School and used for student and adult education purposes.

One classroom currently used for printing purposes, and reportedly for the past 17 years, was located at the south end of the classroom building on the northwest portion of the site. This classroom was observed to contain several containers of new and waste inks (soy-based, water-based, and rubber-based). A licensed hazardous waste disposal company reportedly picks up the waste products on an as-needed basis. Small quantities of solvent-based cleaners were also reportedly used in this area. No floor drains were observed in this area; however, an area of staining was observed which was reportedly associated with a former camera that had leaked photo-development chemicals.

An auto repair shop was observed on the northwest portion of the site. This structure was observed to contain one 55-gallon drum of oil and concrete floors, which appeared in good condition with only minor staining observed adjacent to one of the two interior floor drains.

Numerous batteries, reportedly part of the emergency back-up lighting system, were observed in the basement of the administration building along with an apparent boiler and associated holding tank. No evidence of any clarifiers or underground storage tanks was observed onsite.

Site Reconnaissance Summary:

- The site is presently occupied by the Inglewood High School for classroom and administrative purposes. One building containing two floor drains is currently used for auto shop purposes; however, only minor staining was observed. One classroom is currently used for printing purposes and small quantities of solvents are occasionally used for cleaning purposes. Hazardous wastes generated at the site are reportedly picked up by a licensed disposal company and appropriately disposed of on an as-needed basis. No other items of environmental concern were observed on the property. Based on our reconnaissance, the current site operations are unlikely to have impacted the property. However, the back-up batteries associated with the emergency lighting system should be appropriately disposed of at the end of their useful life.

INTERVIEWS

The plant manager, Mr. Tony Washington, was contacted by SEG for an interview. Mr. Washington stated that he has been familiar with the facility for approximately 21 years and was unaware of the existence of any onsite underground storage tanks, clarifiers, or any environmental concerns at the property. According to Mr. Washington, hazardous materials use and storage at the site was limited to commercially available custodial cleaning supplies, chemicals used for printing, reagents used in the chemistry laboratory, and oil used in the automotive repair shop. Limited asbestos survey and abatement activities had reportedly been performed at the site in association with past remodeling activities. A grease trap and three brick-lined seepage pits are reportedly present on the north side of the administration building.

ADJACENT SITES

The adjacent site to the north, across Manchester Boulevard, was occupied by the Inglewood City Library and the Los Angeles County Health Center. The adjacent sites to south, across West Kelso Street, and to the west are occupied by residential structures. The adjacent sites to the east are occupied by three commercial structures. The layout of the subject site and the adjacent sites is shown on the Site Schematic, Plate No. 2.

SANBORN MAP REVIEW

Sanborn Maps were originally compiled for fire insurance purposes. Private companies working for the insurance industry provided information regarding risks associated with fires in structures. These maps often contained detailed information regarding the history and past uses of a property. Sanborn Map coverage was available for the subject site and the adjacent sites for the years 1912, 1923, 1950, and 1966. The Sanborn Maps are displayed as Plates No. 4A - 4D. The following descriptions are summaries of the Sanborn Maps reviewed.

1912 Sanborn Map

The eastern portion of the site appeared to be occupied by a structure identified as Union High School and the northern portion of the site appeared to be occupied by several single-family residential dwellings. The remaining portion of the site shown on the 1912 Sanborn Map appeared to be occupied by vacant land, South Fir Avenue, Olive Street, and residential dwellings located south of Olive Street. West Pimiento Street borders the site to the north and South Grevillea Avenue borders the site to the east. Portions of the subject

site to the south of Olive Street and west of South Fir Avenue were not depicted on the 1912 Sanborn Map.

The adjacent sites to the north and east, and the surrounding area appeared to be occupied by vacant land or residential dwellings. The adjacent sites to the south and west were not depicted on the 1912 Sanborn Map.

1923 Sanborn Map

The northeast portion of the site appeared to be occupied by several residential dwellings. Five main school structures were observed on the southeast portion of the site. The observed structures included a Manual Arts building, a Domestic Science building, an Administration/Auditorium building, a Science building, and a Gymnasium. The Manual Arts building was indicated to have been used for auto repair and woodworking purposes. According to the map, a tank located near the northeast corner of the Gymnasium was used to feed outside fire hydrants. The west-central portion of the site appeared to be vacant except for two grandstands located adjacent to the east side of South Fir Avenue. The southern and western portions of the site, across Olive Street to the south and across South Fir Avenue to the west, several residential dwellings were observed.

The adjacent site to the north appeared to be occupied by residential dwellings, a grocery store, and vacant land. The adjacent sites to the south, east, and west were not depicted on the 1923 Sanborn Map.

1950 Sanborn Map

The site boundaries appeared to have been expanded to the west approximately 200 feet and to the south to West Kelso Avenue. West Pimiento was renamed Manchester Boulevard.

The site continued to be occupied by the Manual Arts building, Domestic Science building, Administration/Auditorium building, and Gymnasium (converted for girls use only), however, the Science building observed in the 1923 Sanborn Map had been demolished and reconstructed in a different configuration by 1950. The site also appeared to be occupied by a Fine Arts building, a Boys Gymnasium, a Boys Locker Room, a Shop building (used mostly for woodworking purposes), an Auto Repair Shop building, a Machine Shop building, a Music Room, a Classroom building, and an Auditorium. The northeast portion of the Fine Arts building appeared to contain a basement used for printing purposes.

Two small structures located on the southwest portion of the site appeared to be used for Home Arts and Arts and Crafts purposes. A power transformer appeared to be located near the northwest corner of the auditorium.

The adjacent sites to the south and east were not depicted on the 1950 Sanborn Map. The adjacent site to the west appeared to be occupied by residential dwellings. The adjacent site to the north appeared to be occupied residential dwellings, retail stores, and a gas station. The gas station was located on the northeast corner of South Fir Avenue and Manchester Boulevard.

1966 Sanborn Map

The site continued to be occupied by the Science building, the Fine Arts building, the Gymnasium, the Shop building (used mostly for woodworking purposes), the Auto Repair Shop building, the Machine Shop building, the Music Room, the Classroom building, and the Auditorium. The addition of a Music building was made to the west side of the Auditorium.

One retail store was observed on the northwest portion of the site. Several new classroom buildings used for sewing/homemaking, student lounge, biology lab, and journalism/printing purposes were observed in the area of the former Girls Gymnasium, Administration/Auditorium building, Manual Arts building, and Domestic Science building which had been demolished.

The adjacent sites to the south and east were not depicted on the 1966 Sanborn Map. The adjacent site to the west appeared to be occupied by residential dwellings and a commercial structure. The adjacent site to the north continued to appear to be occupied residential dwellings, retail stores, and a gas station.

Sanborn Map Review Summary:

- The site was historically used for residential and school purposes. Items observed on the subject site include historical printing areas in the northeast/basement portion of the Fine Arts building and the Journalism/Printing building. However, based on the absence of floor drains or evidence of staining observed in the historical printing areas during our site reconnaissance, no further investigation is recommended. One of the adjacent sites to the north located at 145-147 Manchester Boulevard was a gas station. However, our research did not reveal any evidence of impacted resources.

AERIAL PHOTOGRAPH REVIEW

Historical aerial photographs were obtained from Environmental Data Resources, Inc. The photographs include the years 1928, 1947, 1952, 1965, 1976, 1989, and 1994. The purpose of our review of aerial photographs was to examine the property and surrounding areas for any signs of potential negative environmental impact.

Items searched for in each photograph included, but were not limited to: evidence of tanks or gas stations on the subject or surrounding properties; evidence of any industrial site usage which may have impacted the subsurface soils; historical drains and water drainage pathways; areas which show evidence of drums or excessive debris; soil areas suspected as being discolored or stained; areas of distressed vegetation, etcetera. A list of specific photograph dates and sources is provided in Appendix C. The following descriptions are summaries of the aerial photographs reviewed.

1928 Aerial Photograph

The site appeared to be occupied by numerous residential dwellings, nine structures used for school purposes, and an oval-shaped track. The adjacent sites to the north, west, and south appeared to be occupied by residential dwellings. The adjacent site to the east appeared to be occupied by a park. The surrounding area in the vicinity of the site appeared to be occupied by residential and commercial developments with vacant land scattered throughout.

1947 Aerial Photograph

The site appeared to have been expanded to Kelso Street to the south and approximately 150 feet to the east, and appeared to be occupied by thirteen structures used for school purposes.

The areas formerly occupied by South Fir Avenue, Olive Street, and residential dwellings appeared to have been demolished and re-graded for future development. The seven structures occupying the eastern portion of the site remained essentially unchanged from the 1928 aerial photograph, however, the western portion of the site appeared to be occupied by six structures.

The adjacent sites to the north appeared to be occupied by commercial and residential structures. The adjacent sites to the west and south appeared to be occupied by residential dwellings. The adjacent site to the east appeared to be occupied by a park. The surrounding area appeared to be occupied by residential and commercial developments.

1952 Aerial Photograph

The site appeared to be occupied by numerous structures used for school purposes. The adjacent sites remained essentially unchanged from the 1947 aerial photograph. The surrounding area appeared to consist of residential and commercial developments.

1965 Aerial Photograph

The site appeared to be occupied by numerous structures in a configuration similar to that of the currently existing site configuration, however, the southwestern portion of the site appeared to consist of a grass field. The adjacent sites remained essentially unchanged from the 1952 aerial photograph. Development of the San Diego (405) Freeway was observed approximately 0.7 miles west of the subject site. Some of the residential developments in the vicinity of the site in the 1952 aerial photograph appeared to have been replaced with commercial developments.

1976 Aerial Photograph

The site remained essentially unchanged from the 1965 aerial photograph. Residential structures appeared to occupy the adjacent sites to the west. Residential and commercial structures appeared to occupy the adjacent sites to the north and south. A park appeared to occupy the adjacent site to the east. Additional commercial development was observed in the vicinity of the subject site.

1989 Aerial Photograph

The site, adjacent sites, and surrounding area remained essentially unchanged from the 1976 aerial photograph except that the southern portion of the subject site appeared to have been paved and used for parking purposes.

1994 Aerial Photograph

The site, adjacent sites, and surrounding area remained essentially unchanged from the 1989 aerial photograph except that the southeast portion of the subject site appeared to be occupied by four small structures.

BUILDING PERMIT REVIEW

Addresses for the subject and adjacent properties were requested from the City of Inglewood, Department of Building and Safety. The purpose of our review of building permits, grading and soils reports, and other documents is to construct a chain of ownership and history of construction activities onsite.

Items considered in the course of building permit research included: construction or demolition of any structures that may have a potential negative environmental impact, previous site usage, previous ownership, and any other historical information. However, according to personnel at the City of Inglewood Department of Building and Safety, the California Department of State Architects (DSA) maintained the permit records. The permit records are not practically reviewable/reasonably ascertainable under the ASTM Standard, since specific application numbers were required by the personnel at the DSA in order to retrieve the appropriate building permits. Since SEG has no permit numbers and is unable to obtain them, this research was not required to be completed under the ASTM Standard.

CITY DIRECTORY SEARCH

The purpose of the City Directory research was to determine the businesses that were historically located onsite. City Directories have been published for cities and towns across the US since the 1700s. Originally a list of residents, the City Directory developed into a sophisticated tool for locating individuals and businesses in particular. With each address the directory lists the name of the resident or if a business operated from this addresses, and a street index. While city directory coverage is usually comprehensive for major cities, it may be sporadic for rural areas and small towns. The following summarizes the City Directory research completed by EDR. Copies of the City Directory information are included in Appendix B

231 South Grevillea Avenue (Subject Site)

Date	Tenant
1920 through 1948	Not listed in research source
1950	Centinela Valley Union High School District
1951 through 1958	Not listed in research source
1960	Inglewood Unified School District High School
1961 through 1963	Not listed in research source
1964	Inglewood Unified School District Administration
1965 through 2000	Not listed in research source

Based on our review of the historical city directories, all of the adjacent sites appeared to be used for residential or commercial purposes that do not pose an environmental threat to the subject property.

REGIONAL HYDROGEOLOGY

The subject site lies at an elevation of approximately 115 feet above sea level in the West Coast Basin physiographic province. Hydrogeologic units beneath the site consist of members of the upper Pleistocene Lakewood Formation, which is underlain by lower Pleistocene deposits of the San Pedro Formation. The Lakewood Formation in the area of the site consists of fine to medium sand with variable amounts of gravel, sandy silt, and clays of marine and continental origin. The formation is marked by rapid lithologic changes in the shallow subsurface as well as discontinuous permeable zones.

The site is located on a downthrust block between the Charnock Fault to the west and the Inglewood Fault to the east. The site is partially located within the Alquist Priolo Special Studies Zone associated with the Inglewood Fault. The soils underlying the site are not located within an area that is subject to liquefaction as indicated on the Reconnaissance Seismics Hazards Map of the Inglewood Quadrangle dated March 25, 1999.

The principle shallow aquifer of the Lakewood Formation within the West Coast Basin is the Gage Aquifer, which is approximately 60 feet thick in the vicinity of the site. The base of this aquifer is reportedly at an elevation of 110 feet below mean sea level (DWR Bulletin 104A).

According to the Los Angeles Department of Public Works Hydrologic Records the following municipal water wells are in the vicinity of the site:

Well Number	Date Measured	Thomas Guide Map Location	Depth to Water (feet)	Top of Casing (ft above MSL)	Groundwater Elevation (ft above MSL)
1362-P	11/03/98	673 E7	181.3	170.0	-11.3
1353-V	04/29/92	703 D2	204.8	155.0	-49.8
1364-L	04/22/94	703 E3	233.8	152.0	-81.8
1364-J	11/1/93	703 E4	244.0	137.0	-107.0

Depth to groundwater in the area of the site varies between approximately 180 and 245 feet below ground surface. Regional groundwater flow is complicated by the presence of nearby faults but is expected to be southeasterly based on information reported by the Los Angeles County Department of Public Works, Hydrologic Records Division.

HAZARDOUS SUBSTANCE SEARCH

An investigation of existing potentially hazardous substances on or adjacent to the site was conducted by file searches at the regulatory agencies mentioned in the "Scope of Work" section of this report. Any sites, which generate or store hazardous waste or toxic materials, were considered relevant to our investigation. Also, any such sites, which may be located, hydrologically up-gradient of the subject site were considered relevant.

UNDERGROUND STORAGE TANKS

Information concerning underground storage tanks (USTs) on the subject and adjacent properties was requested from the Los Angeles County Department of Public Works, Environmental Programs Division. No UST records were on file for the subject site or the adjacent sites.

HAZARDOUS MATERIALS INVENTORY

Information concerning hazardous materials storage on the subject and adjacent properties was requested from the Los Angeles County Department of Health Services, Public Health Investigation. Record searches for hazardous materials inventories were not completed by the Public Health Investigation prior to completion of this report. However, based on the historical usage of the subject site as a school, it is unlikely that any hazardous materials were used/stored onsite.

REGULATORY LIST REVIEW

An outside information service, EDR, was contracted to perform a database search of government record sources and to provide a compiled report of listed sites within a one mile radius of the subject property. EDR's report is attached as Appendix A of this report and should be referenced for specific information and explanation of government records sources, dates of source listings, and locations of sites. The list of records searched, summary of listed sites, and the potential for listed sites to impact the subject property are discussed as follows:

Database	Description	Search Distance (miles)
NPL	National Priorities List (Superfund)	1.0
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System	0.5
CORRACTS	Corrective Action Report	1.0
RCRIS-TSD	Resource Conservation and Recovery Information System (Transport, Storage and Disposal Facilities)	0.5
RCRIS GNTR	RCRA registered small or large generators of hazardous waste	0.25
AWP	Annual Work Plan	1.0
Cal-Sites	Known and Potential Hazardous Waste Sites	1.0
CORTESE	Hazardous Waste & Substances Site List	1.0
STATE LANDFILL	Active, Closed and Inactive Landfills	0.5
LUST	Leaking Underground Storage Tank Incident Reports	0.5
Toxic Pits	Toxic Pits cleanup facilities	0.5
State Deed RSTR	Sites with deed restrictions	0.5
Water Wells	Federal and State Drinking Water Sources	0.5
RCRA Viol.	RCRA Violations/enforcement actions	0.25
TRIS	Toxic Release Inventory Database	0.25
UST	Registered underground database	0.25
CA BEP	California Bond Expenditure Plan	1.0
ROD	Record of Decision	1.0

Most of the listings in the EDR do not report appear to have impacted the subject site with hazardous materials based on one or more of the following reasons:

- Listed on CERCLIS but a preliminary assessment has determined that no hazard was identified and no further action is needed.
- Listed as having registered underground storage tanks (USTs), or as small or large quantity generators only, and are not listed on any other lists indicating that a release to the environment had occurred.
- Listed on LUST as having a leaking tank but is greater than 0.25 miles from the subject site, is located hydrologically cross or down gradient, or is indicated to have a signed-off site status.
- Listed on other listings and in our opinion is unlikely to have impacted the subject site based on one or more of the following reasons: located hydrologically cross or downgradient, have a signed-offsite status, is located over 0.25 miles away from the subject site, and/or lack of impacted resources.

The following sites do not fall into these categories and are discussed as follows:

Subject Site

Map ID No. 1 (Inglewood High School) 231 South Grevillea Avenue, Inglewood

- The subject site is listed on FINDS, HAZNET, and RCRIS-SQG as a small quantity generator of hazardous materials and as having disposed of asbestos containing building materials. One time disposal of asbestos containing building materials is unlikely to have impacted the subject sites resources. Based on our site reconnaissance, one classroom is currently used for printing purposes and small quantities of solvents are occasionally used for cleaning purposes. Minor auto repair operations are also conducted onsite. Hazardous wastes generated at the site are reportedly picked up by a licensed disposal company and appropriately disposed of on an as-needed basis. No other items of environmental concern were observed on the property. Based on our reconnaissance, the current site operations are unlikely to have impacted the property.

Regulatory Database Review Conclusions:

- The subject site listed on the regulatory database as a small quantity generator of hazardous materials and as having disposed of asbestos containing building materials. One time disposal of asbestos containing building materials is unlikely to have impacted the subject sites resources. Based on our reconnaissance, the current site printing and minor auto repair operations are unlikely to have impacted the property. The other listed sites are not expected to have impacted the subject site based on the previously stated reasons.

EVALUATION OF ADDITIONAL RISKS

PETROLEUM ACTIVITY

The California Department of Conservation, Division of Oil and Gas and Geothermal Resources (DOGGR) regulates the drilling, operation, and abandonment of gas and oil wells throughout the State of California. If an active, idle, or abandoned well is located on or adjacent to a proposed construction site, DOGGR requires a site plan review prior to issuing a building permit. Abandoned oil wells must meet the current regulatory standards.

The DOGGR Regional Wildcat Map W1-5 and Oil Field Map 123 were reviewed to determine the location of petroleum activity in the area of the property. The site is located in Township-2-South, Range-14-West, and Section 28/33. According to the DOGGR Maps, no wells are located on the subject site or the adjacent sites. Numerous oil wells were observed within the Potrero Oil Field located approximately 0.5 mile to the east of the site. The three wells nearest the subject site are described as follows:

Well Name/Year	Drilled By/Depth (feet)	Direction	Current Status
City of Los Angeles/ 1949	Cleveland Oil Company/ 10,399 feet bgs	2,600 feet WNW.	Plugged and abandoned dry hole
Inter-coast O. Co. G.P./ 1930	Inter-coast Oil & Transport Co. Ltd./1,020 feet bgs	2,600 feet ENE.	Plugged and abandoned dry hole
Thornton/ 1929	J. A. Woodward Jr./5,001 feet bgs	2,250 feet E.	Plugged and abandoned dry hole

Petroleum Activity Summary:

- Based on a review of Maps W1-5 and 123, the potential for petroleum-related problems at the subject site is considered to be low.

ASBESTOS POTENTIAL

Asbestos is a natural occurring mineral fiber utilized in a multitude of building material products due to its high tensile strength and excellent fire resistant properties. The EPA has defined asbestos materials as being either friable or non-friable materials. Friable material is defined as being easily broken or crushed by hand pressure (e.g., soft acoustical ceilings or blown-on fireproofing).

Non-friable asbestos is generally found in pre-manufactured products that bind the asbestos in an adhesive material, such as roofing felts, floor tile, transite pipe and mastics. This is significant, due to the ability to create a fiber release and cause human exposure during normal activities. The EPA currently does not require the removal of asbestos-containing materials that do not present a problem for human exposure. Most friable asbestos-containing materials were banned in building materials by 1978.

On November 9, 1994, a new FED-OSHA ruling became effective which redefined building materials perceived as asbestos-containing into four classes of work and modified the way in which these asbestos-containing materials are handled. Under this ruling, "thermal system insulation and sprayed-on or troweled on or otherwise applied surfacing materials installed before 1980 are considered presumed asbestos-containing material (PACM) unless sampled and identified by a certified individual as to asbestos content".

These materials are considered high risk materials for abatement and their removal is classified under Class I removal activities. Other building materials such as "floor or ceiling tiles, siding, roofing, transite panels, (floor sheeting, floor or roof mastics) are also

considered PACM" unless sampled and identified by a certified individual as to asbestos content but are considered low risk materials for abatement and their removal is classified under Class II, III and IV removal and repair and maintenance operations.

Significant under these new regulations is the deletion of the category of "Small Scale Short Term Duration" removal activities which regularly allowed Class I through IV activities to proceed with less regulatory oversight. Under the NESHAPS laws of 1976 and as later amended, asbestos does not have to be removed from a facility until such time as it undergoes major renovations or is demolished. Until that time, the present emphasis by the EPA is to recommend repair of any damaged areas and management of the asbestos-containing materials.

Prior to any renovation work being done involving ACBM of 260 lineal feet or 160 square feet in area, the local branch of the EPA must be notified. Prior to the demolition of any building or house, mandatory bulk sampling must be accomplished and, if asbestos is present, notification must be made to the local branch of the EPA and Air Quality Management District. In California, for the removal of any ACBM greater than 0.1 percent by weight, notifications must also be made to CAL-OSHA and a licensed contractor with an asbestos certification is required for any work which exceeds 100 square feet.

Asbestos Potential Summary

- Some of the structures onsite were built prior the 1978 federal regulations banning the use of asbestos containing building materials (ACBMs). Hence, there is the potential for ACBMs to exist in the onsite structures. 8-inch vinyl floor tiles were observed in some of the classrooms. The 8-inch vinyl floor tiles are generally known to contain asbestos. We recommend a complete asbestos survey prior to any structural renovation or demolition activities that would potentially disturb the existing building materials.

LEAD POTENTIAL

Lead and lead compounds can be found in many types of paint. In 1978, the Consumer Product Safety Commission set the allowable lead levels in paint at 0.06% by weight in a dry film of newly applied paint. In the 1970's, the chief concern of lead paint was its cumulative effect on bodily systems, primarily when paint chips containing lead were ingested by children. Research in the early 1980's showed that lead dust is of special concern, because the smaller particles are more easily absorbed by the body. Common methods of paint removal, such as sanding, scraping, and burning, create excessive amounts of dust. Lead dust is especially hazardous to young children because they spend a lot of time on the floor and engage in a great deal of hand-to mouth activity, increasing their potential for exposure. Lead based paints were commonly used on buildings built prior to 1970's.

Lead Potential Summary

- The onsite structures were built prior to the federal regulations banning the use of lead based paints. Hence, there is the potential for lead based paints to exist in the onsite structures. We recommend a lead survey prior to any significant structural renovation or demolition activities, which would potentially disturb the existing building materials.

PCB POTENTIAL

Polychlorinated biphenyls (PCBs) were once used as industrial chemicals whose high stability contributed to both their commercial usefulness and their long-term deleterious environmental and health effects. These substances have been listed as carcinogens by the Environmental Protection Agency (EPA). PCBs were banned from use in electrical capacitors, electrical transformers, vacuum pumps, and gas turbines in 1977.

Three pad-mounted and two apparent dry-type transformers were observed within the school premises. The transformers appeared in good condition. Fluorescent light fixtures were observed on the subject site. Fluorescent light ballasts manufactured prior to the late 1970's may contain PCBs. Any fluorescent light ballasts not marked "no PCBs" should be disposed of appropriately at the end of their service life.

PCB Potential Summary:

- Based on the above information, the potential for PCBs to have impacted the site is considered to be low.

RADON POTENTIAL

High levels of radon may be found in every state. Medical and environmental studies have shown that radon can be a health risk, primarily as a cause of lung cancer. Radon is a naturally occurring colorless, odorless and tasteless gas produced by the decay of uranium and radium. Radon levels vary from place to place depending on the underlying geology.

Radon Potential Summary

- Based on our research at the Department of Health Services, State Department of Radon the radon level for Los Angeles County averages approximately 2 picoCuries/liter (pCi/L), below the 4.0 pCi/L action level set by the Environmental Protection Agency.

SUMMARY AND CONCLUSIONS

SUMMARY

Smith-Emery GeoServices has performed a Phase I Environmental Site Assessment at 231 South Grevillea Avenue in the City of Inglewood, County of Los Angeles, California. The site is located approximately 0.7 miles southeast of the Centinela Creek in the northern portion of the West Coast Groundwater Basin. The San Diego (405) Freeway is located approximately 0.6 miles west of the subject site. The entire property is approximately 700,000 square feet in size. The site is occupied by a numerous structures used for classroom and administrative purposes. The elevation of the site is approximately 115 feet above mean sea level (USGS Inglewood Quadrangle).

The following items were found during the course of our research:

Site History

- Before 1912 to the 1950s, the site was used for school and residential purposes. From 1950s to the present the site has been used for school purposes. Minor printing and limited private auto repair operations were also performed onsite (see Plate No. 2 for locations). However, based on our site reconnaissance, lack of evidence of any significant usage of hazardous materials, and/or any evidence of impacted resources at the regulatory agencies, these former printing and auto repair operations are unlikely to have impacted the subject site. Currently the school is identified as Inglewood High School and used by the Inglewood School District.

Site Reconnaissance

- The site is presently occupied by Inglewood High School and used for classroom and administrative purposes. One classroom is currently used for printing purposes and small quantities of solvents are occasionally used for cleaning purposes (see Plate No. 2 for location). Hazardous wastes generated at the site are reportedly picked up by a licensed disposal company and appropriately disposed of on an as-needed basis. No other items of environmental concern were observed on the property. Based on our reconnaissance, the current site operations are unlikely to have impacted the property. However, the back-up batteries associated with the emergency lighting system should be appropriately disposed of at the end of their useful life.

Underground Storage Tanks (USTs)

- No UST records were on file for the subject site or the adjacent sites at the Los Angeles County DPW.

Regulatory Database/ Hazardous Materials

- The subject site listed on the regulatory database as a small quantity generator of hazardous materials and as having disposed of asbestos containing building materials. One time disposal of asbestos containing building materials is unlikely to have impacted the subject sites resources. Based on our reconnaissance, the current and former site printing and minor auto repair operations are unlikely to have impacted the property. The other listed sites are not expected to have impacted the subject site based on the previously stated reasons.

PCB, Radon Gas, and Petroleum Related Concerns

- Based on our research, the potential for PCBs, petroleum, and radon gas related problems at the subject site are considered to be low.

Asbestos/Lead Potential

- The onsite structures were built prior to the federal regulations banning the manufacture of asbestos containing building materials (ACBMs) and lead based paints. Based on the age of the structures we recommend complete asbestos and lead surveys prior to any significant structural renovations or demolition activities that would disturb the existing building materials.

CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM practice E-1527-00 of the site known as 231 South Grevillea Avenue in the City of Inglewood, California. Any exceptions to, or deletions from, this practice are described in the various sections of this report. **This assessment has revealed no evidence of negative recognized environmental conditions in connection with the property. However, based on the age of some of the onsite structures we recommend complete asbestos and lead surveys prior to any significant structural renovations or demolition activities that would disturb the existing building materials.**

LIMITS OF LIABILITY

The findings, conclusions, and recommendations contained in this report are based onsite conditions as they existed at the time of our investigation. Our review of all documents, lists, databases, and public agency files has been conducted with due diligence. However, our conclusions are based on available information and are further subject to constraints imposed by public agencies on review procedures and information retrieval. As a result, Smith-Emery GeoServices may have been unable to identify potential concerns.

Smith-Emery GeoServices assumes no responsibility for conditions that did not come to our attention despite reasonable care nor for conditions, which were not generally recognizable as environmentally unacceptable at the time of this report.

Opinions and judgments expressed are based on our understanding and interpretations of currently available regulatory standards and should not be construed as legal opinions or advice.

The factual data and interpretations contained herein pertain to the specific project described in this report and are not applicable to any other project or site. This document has been prepared for the sole use and benefit of the **Encorp Environmental Management and Services. Encorp Environmental Management and Services may designate assignees to this report, which may assume the same rights of reliance as Encorp Environmental Management and Services for all errors and omissions, but are bound by the terms and conditions of the original contract.** Any reliance on this document by any other person or entity shall be at that party's sole risk.

Our investigation was performed using the standard of care and level of skill ordinarily exercised under similar circumstances by reputable environmental assessors and geologists currently practicing in these or similar localities. No other warranty, express or implied, is made as to the conclusions and professional advice included in this report.

Respectfully submitted,

SMITH - EMERY GEOSERVICES

AYESHA SYEDA
R.E.A. #05738
Registered Environmental Assessor
Environmental Engineer

Reviewed and approved by,

JIM MADDEN
R. E. A. #07071
Registered Environmental Assessor
Manager of GeoServices

CLASS 1 REGISTERED ENVIRONMENTAL ASSESSOR
JIM T. MADDEN
No. 07071
Expires: 6/02
STATE OF CALIFORNIA

ILLUSTRATIONS



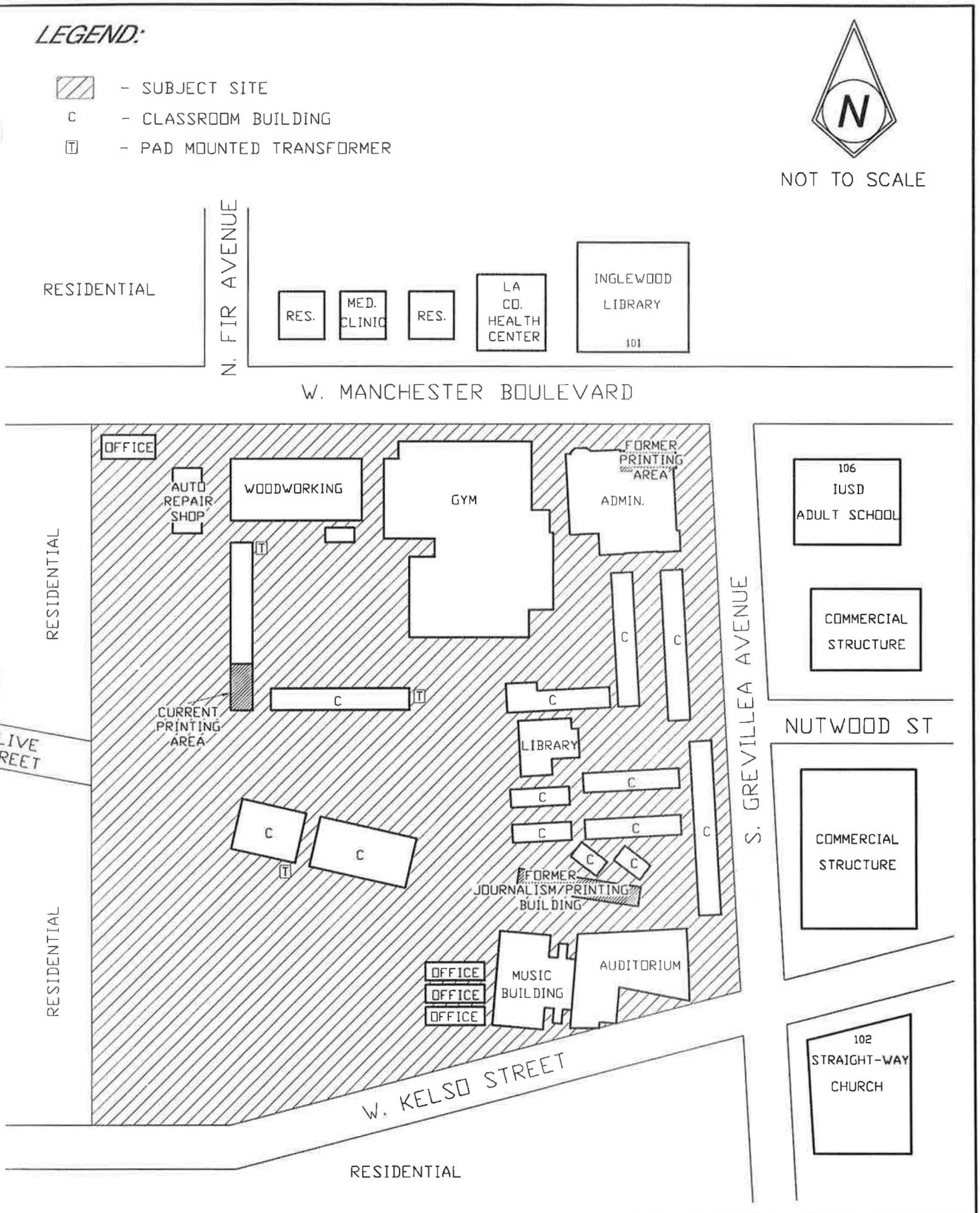
REFERENCE
U.S. GEOLOGICAL SURVEY
INGLEWOOD QUADRANGLE
LOS ANGELES COUNTY, CALIFORNIA

INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

VICINITY MAP

Smith-Emery GeoServices
FILE NO.: 31955-1

DWG BY M.R.
PLATE NO.: 1



INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

SITE SCHEMATIC

Smith-Emery GeoServices

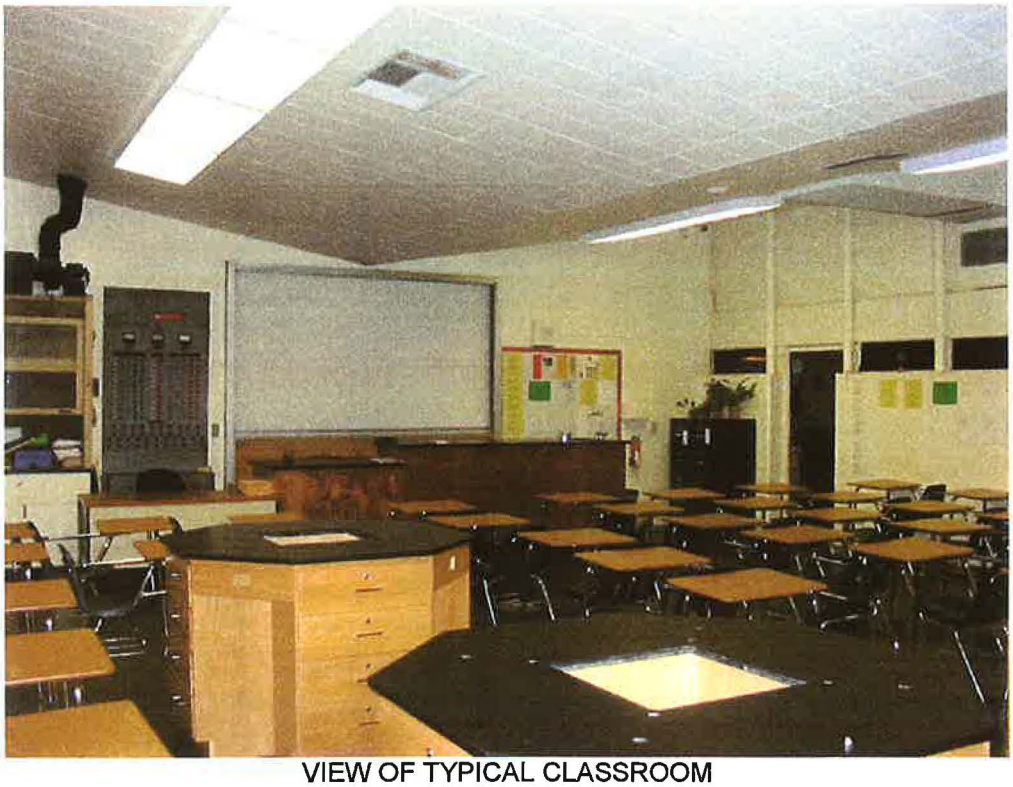
FILE NO.: 31955-1

DWG BY M.R.

PLATE NO.: 2



VIEW OF THE SUBJECT SITE FACING SOUTHWEST



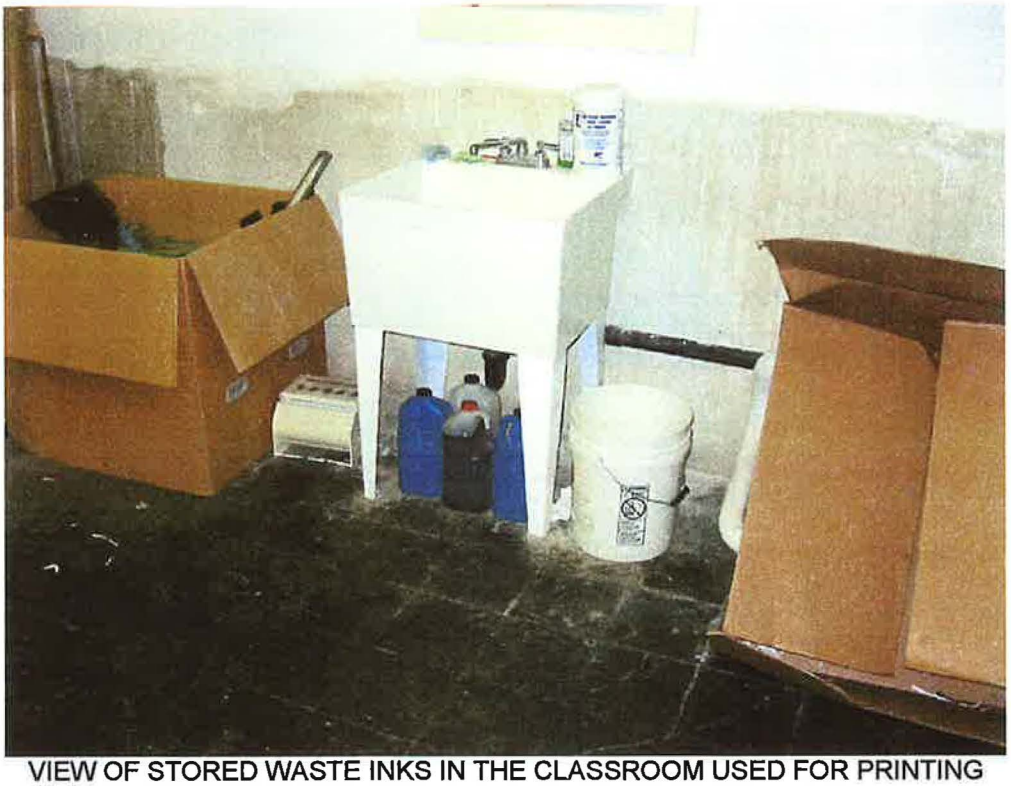
VIEW OF TYPICAL CLASSROOM

INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

PHOTO PLATE

Smith-Emery GeoServices
FILE NO.: 31955-1

DWG BY J.R.
PLATE NO.: 3A



VIEW OF STORED WASTE INKS IN THE CLASSROOM USED FOR PRINTING



VIEW OF STAINED AREA IN THE CLASSROOM USED FOR PRINTING

INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

PHOTO PLATE

Smith-Emery GeoServices DWG BY J.R.
FILE NO.: 31955-1 PLATE NO.: 3B



VIEW OF A HOT WATER HOLDING TANK ASSOCIATED WITH A BOILER
IN THE BASEMENT OF THE ADMINISTRATION BUILDING

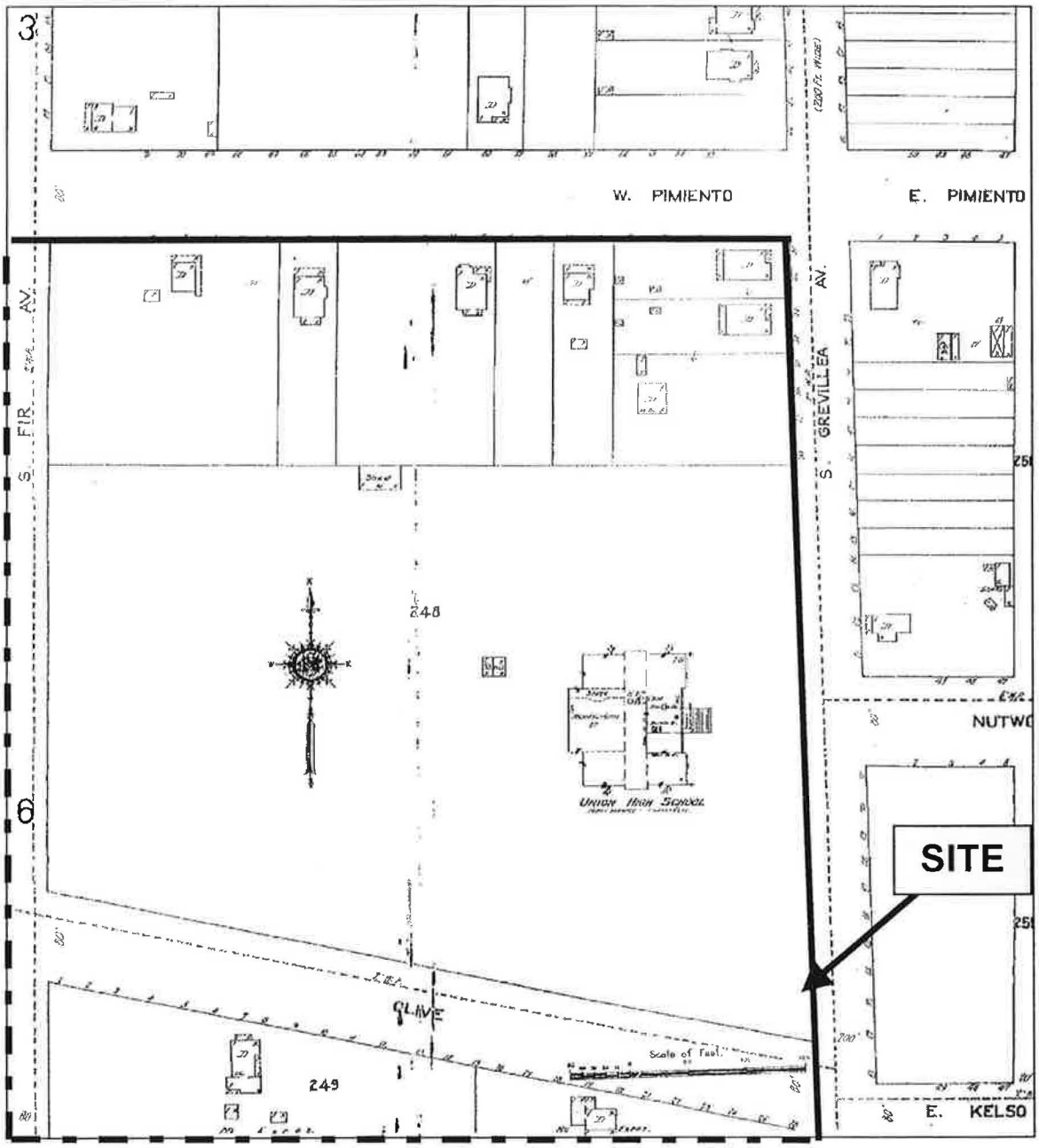


VIEW OF STORED BATTERIES USED FOR EMERGENCY BACK-UP LIGHTING

INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

PHOTO PLATE

Smith-Emery GeoServices DWG BY J.R.
FILE NO.: 31955-1 PLATE NO.: 3C

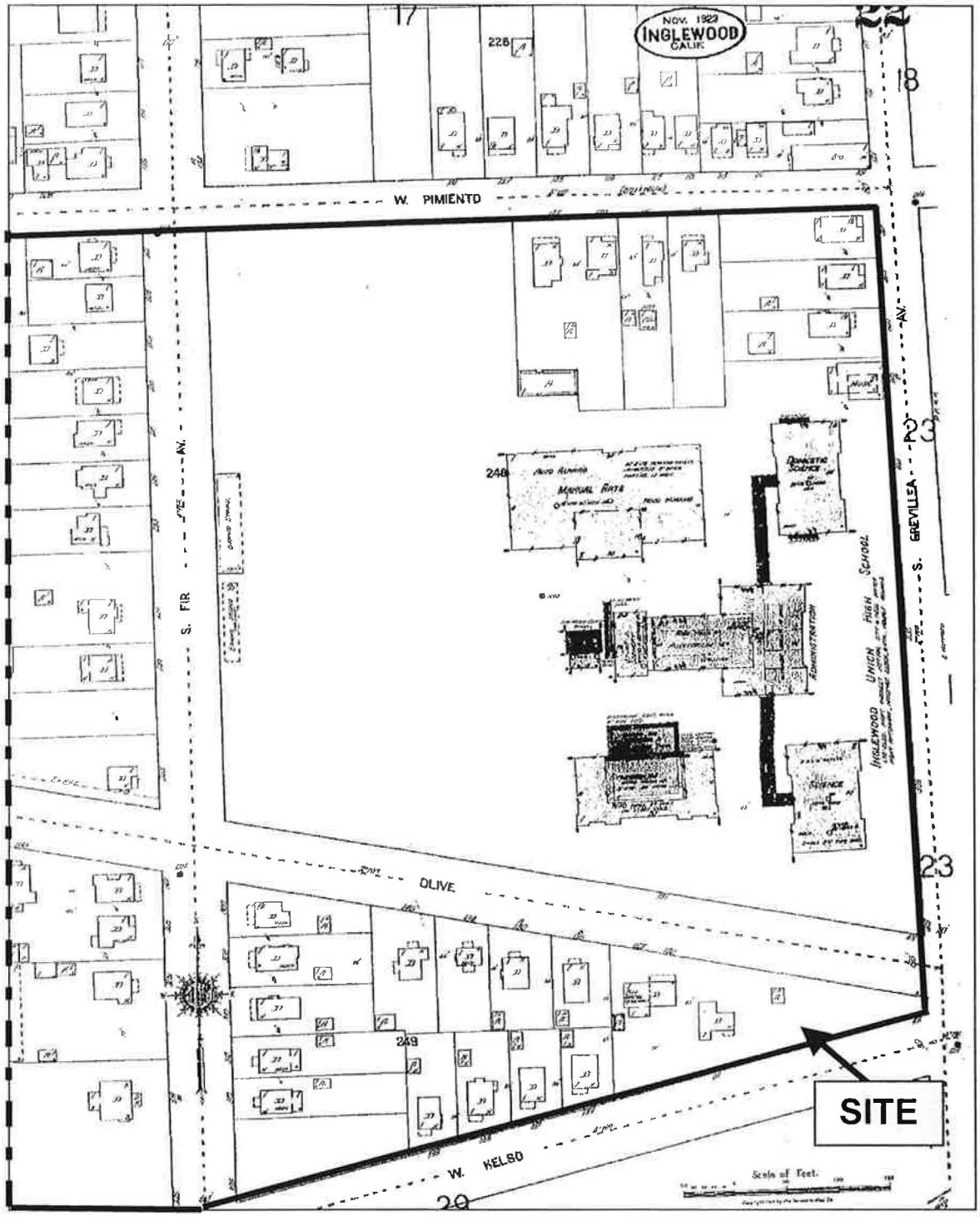


INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

1912 SANBORN MAP

Smith-Emery GeoServices
FILE NO.: 31955-1

DWG BY J.R.
PLATE NO.: 4A

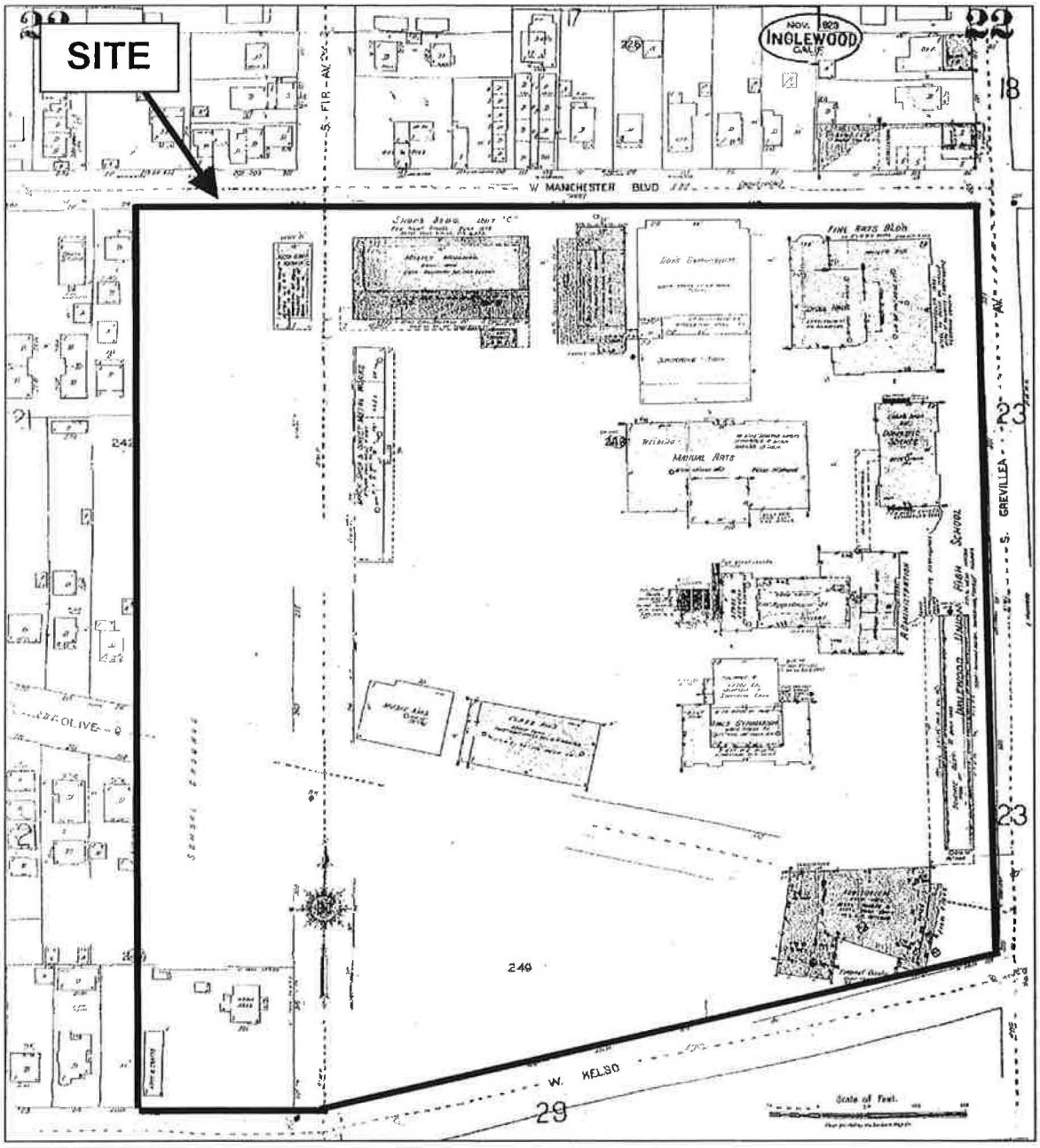


INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

1923 SANBORN MAP

Smith-Emery GeoServices
FILE NO.: 31955-1

DWG BY J.R.
PLATE NO.: 4B

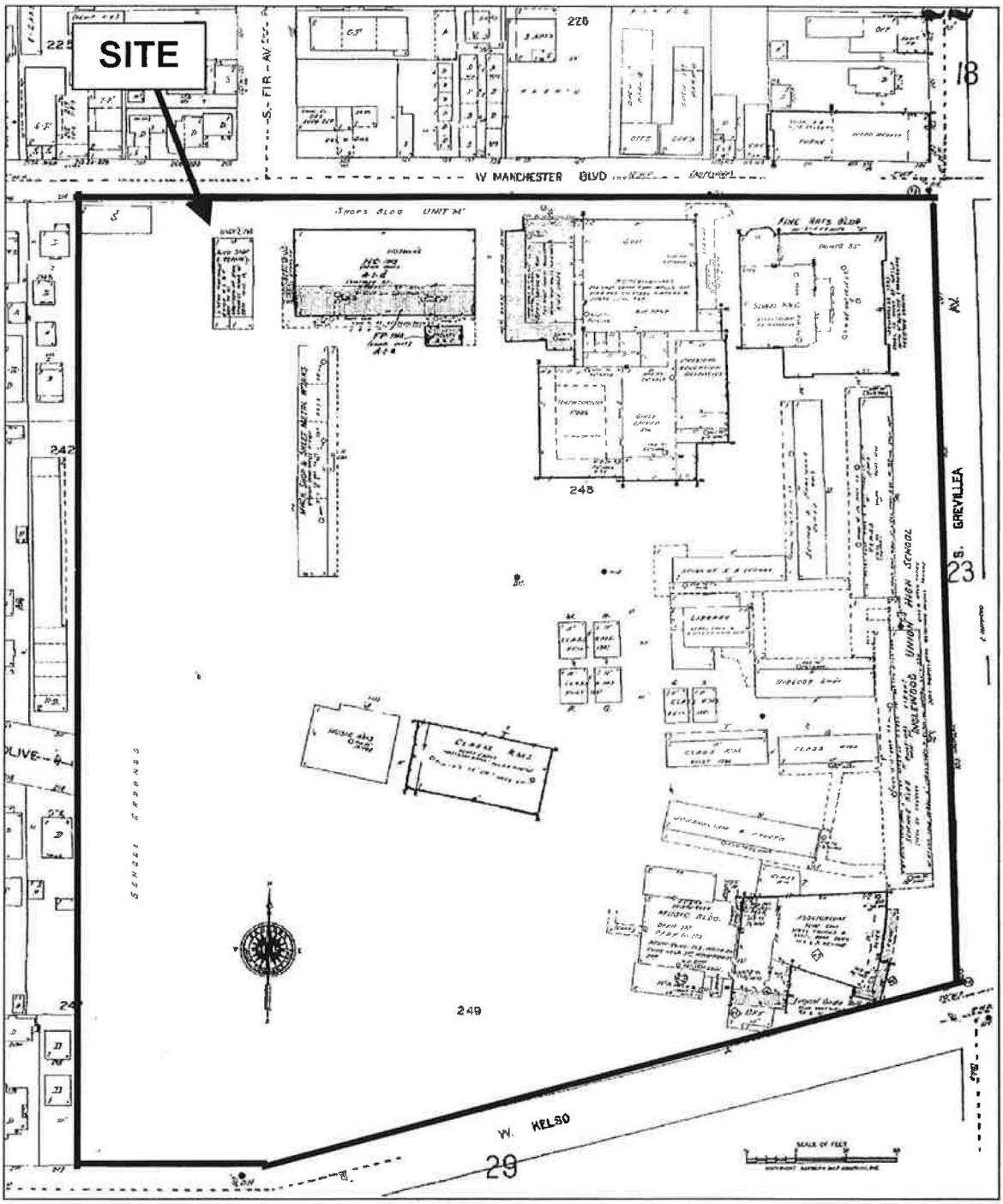


INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

1950 SANBORN MAP

Smith-Emery GeoServices
FILE NO.: 31955-1

DWG BY J.R.
PLATE NO.: 4C



INGLEWOOD HIGH SCHOOL
INGLEWOOD, CALIFORNIA

1966 SANBORN MAP

Smith-Emery GeoServices
FILE NO.: 31955-1

DWG BY J.R.
PLATE NO.: 4D

APPENDIX A

GOVERNMENT RECORDS LISTINGS

The EDR Radius Map
with GeoCheck®

Inglewood High School
231 South Grevillea Avenue
Inglewood, CA 90301

Inquiry Number: 768617.2s

April 24, 2002

Environmental Data Resources, Inc.

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-JIM

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GEOCHECK ADDENDUM

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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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

231 SOUTH GREVILLEA AVENUE
INGLEWOOD, CA 90301

COORDINATES

Latitude (North):	33.961300 - 33° 57' 40.7"
Longitude (West):	118.355000 - 118° 21' 18.0"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	374804.7
UTM Y (Meters):	3758497.8

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2433118-H3 INGLEWOOD, CA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
INGLEWOOD HIGH SCHOOL 231 S GREVILLEA AVE INGLEWOOD, CA 90301	RCRIS-SQG FINDS HAZNET	CAD104286380

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned
CORRACTS ..... Corrective Action Report
RCRIS-TSD ..... Resource Conservation and Recovery Information System
ERNS ..... Emergency Response Notification System

STATE ASTM STANDARD

AWP ..... Annual Workplan Sites

Cal-Sites	Calsites Database
Notify 65	Proposition 65 Records
Toxic Pits	Toxic Pits Cleanup Act Sites
WMUDS/SWAT	Waste Management Unit Database
CA BOND EXP. PLAN	Bond Expenditure Plan

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
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)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Petroleum Storage Tank Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
LOS ANGELES CO. HMS	HMS: Street Number List
LA Co. Site Mitigation	Site Mitigation List
AOCONCERN	San Gabriel Valley Areas of Concern

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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.

FEDERAL ASTM STANDARD

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 12/01/2001 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
USPS HILLCREST STATION	*E HILLCREST BLVD*	*1/8 - 1/4 SE*	*J51*	*38*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 12/01/2001 has revealed that there are 12 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CONCORD CLEANERS	*113 E MANCHESTER*	*0 - 1/8 NNE*	*A7*	*9*
Not reported	145 E MANCHESTER BLVD	0 - 1/8 NE	B13	13
PACIFIC BELL	*301 S LA BREA*	*0 - 1/8 ESE*	*D18*	*14*
THE NEW WORLD JEWELERS INC	*S LABREA AVE*	*0 - 1/8 ENE*	*19*	*16*
WAFFLE PLAZA CLEANERS	*W MANCHESTER STE C*	*0 - 1/8 W*	*20*	*17*
DIAGNOSTIC IMAGING CTR OF INGL	*110 S LA BREA AVE STE 1*	*1/8 - 1/4 NE*	*E27*	*22*
SOUTHERN CALIFORNIA WASTE OIL	*111 NORTH LABREA AVE SU*	*1/8 - 1/4 NE*	*E29*	*24*
THE NEW WORLD	*155 SO MARKET ST*	*1/8 - 1/4 ENE*	*F32*	*27*
PRO LAB	S MARKET ST	1/8 - 1/4 ESE	G33	28
PROLAB 1 HOUR PHOTO & STUDIO	*S MARKET ST*	*1/8 - 1/4 ESE*	*G34*	*28*
MAZDA SVC	*425 S MARKET ST*	*1/8 - 1/4 SE*	*J43*	*32*
QUALITY BUSINESS MACHINES	233 E HILCREST BLVD	1/8 - 1/4 SE	J47	36

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 23 CHMIRS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	MANCHESTER / FIR AVEN	1/8 - 1/4 WNW	25	21
Not reported	128 1/2 SOUTH MARKET	1/8 - 1/4 ENE	F35	28
Not reported	125 W LIME ST	1/8 - 1/4 S	52	39
Not reported	125 W HILLCREST	1/4 - 1/2 SSW	57	43
Not reported	706 EAST MANCHESTER BLV	1/2 - 1 E	67	56
Not reported	BUCKTHORNE/JAVA	1/2 - 1 SSE	70	59
Not reported	336 EAST BEACH	1/2 - 1 NNE	72	60
Not reported	FLORENCE / CEDAR	1/2 - 1 WNW	75	64

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	439 N. OAK ST	1/2 - 1 NW	76	64
Not reported	601 S. PRAIRIE AVE.	1/2 - 1 ESE	84	72
Not reported	I405 N/B AT THE MANCHES	1/2 - 1 W	O91	80
Not reported	930 W HYDE PARK	1/2 - 1 WNW	92	80
Not reported	8425 SOUTH LA CIENEGA B	1/2 - 1 W	P93	81
Not reported	MANCHESTER / LA CIENE	1/2 - 1 W	P94	81
Not reported	959 S. CEDAR AVE. (ALLE	1/2 - 1 SSW	98	87
Not reported	420 E. HYDE PARK BLVD.	1/2 - 1 NNE	Q99	87
Not reported	901 W MANCHESTER	1/2 - 1 W	R103	90
Not reported	900 W. MANCHESTER	1/2 - 1 W	R104	90

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported	111 NORTH EUCALYPTUS AV	1/4 - 1/2 WNW	55	41
Not reported	437 WEST QUEEN STREET	1/4 - 1/2 WNW	60	46
Not reported	220 E. HYDE PARK BL.	1/2 - 1 N	87	78
Not reported	ASH / QUEEN	1/2 - 1 W	N88	78
Not reported	QUEEN STREET/ASH	1/2 - 1 W	N89	78

CORTESE: This 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 known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 32 Cortese sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL #1923	*145 MANCHESTER BLVD E*	*0 - 1/8 NE*	*B10*	*10*
SEARS AUTO CENTER (FORMER)	*500 MANCHESTER BLVD E*	*1/4 - 1/2 E*	*58*	*43*
INGLEWOOD CAR WASH	*320 LA BREA AVE N*	*1/4 - 1/2 N*	*59*	*44*
SIMONS MINI MARKET	*501 E MANCHESTER BLVD*	*1/4 - 1/2 E*	*61*	*46*
CITY OF INGLEWOOD MAINT. YARD	*222 BEACH AVE W*	*1/4 - 1/2 NNW*	*63*	*48*
INGLEWOOD TOYOTA	*700 S LA BREA AVE*	*1/4 - 1/2 SSE*	*64*	*50*
SS #23552	*435 LA BREA AVE N*	*1/4 - 1/2 N*	*65*	*53*
ALLRIGHT SELF STORAGE	*808 LA BREA AVE*	*1/2 - 1 SSE*	*68*	*56*
BUFFINGTON MOTORS	*440 MARKET ST N*	*1/2 - 1 N*	*69*	*57*
UNOCAL #5771	*843 LA BREA AVE S*	*1/2 - 1 SSE*	*L71*	*59*
LINCOLN DISCOUNT TIRE	*868 LA BREA AVE S*	*1/2 - 1 SSE*	*L73*	*61*
OMS #9	*111 GROSVENOR ST*	*1/2 - 1 N*	*74*	*62*
TRANSIT MIXED CONCRETE COMPANY	*505 RAILROAD PL*	*1/2 - 1 WNW*	*77*	*64*
CENTINELA HOSPITAL MED. CTR.	*622 LA BREA AVE N*	*1/2 - 1 N*	*78*	*66*
J.R. SIMPLOT, WESTERN REF	500 OAK	1/2 - 1 NW	M79	67
CALVERY CEMETERY	500 OAK	1/2 - 1 NW	M80	67
CENTURY MOBIL	*1244 INGLEWOOD AVE S*	*1/2 - 1 SW*	*81*	*68*
76 PRODUCTS STATION #2156	*400 ARBOR VITAE ST W*	*1/2 - 1 SSW*	*82*	*69*
SPARLING BUICK	*737 LA BREA AVE N*	*1/2 - 1 NNW*	*85*	*72*
DANIEL FREEMAN MEMORIAL HOSP	*333 N PRAIRIE AVE*	*1/2 - 1 ENE*	*86*	*74*
THE FORUM	*3900 W MANCHESTER BLVD*	*1/2 - 1 E*	*90*	*78*
SOUTHERN CALIFORNIA EDISON	*8611 S LA CIENEGA BLVD*	*1/2 - 1 W*	*O95*	*81*
INGLEWOOD PARK CEMETERY	*720 FLORENCE AVE E*	*1/2 - 1 NE*	*97*	*84*
DELORME CHEVROLET	*1175 LA BREA AVE S*	*1/2 - 1 S*	*100*	*87*
ABACUS ROOF CORP	715 CENTINELA AVE	1/2 - 1 NNE	Q101	89

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WORLD OIL MARKETING COMPANY	*740 CENTINELA*	*1/2 - 1 N*	*102*	*89*
AIRPORT BUSINESS CENTER	*315 GLASGOW AVE S*	*1/2 - 1 W*	*105*	*91*
TIRE WORLD (FORMER ARCO)	*920 MANCHESTER BLVD W*	*1/2 - 1 W*	*106*	*92*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON #9-3829	*303 MANCHESTER BLVD W*	*1/4 - 1/2 W*	*54*	*39*
7-11 #24142	*345 MANCHESTER BLVD W*	*1/4 - 1/2 W*	*56*	*41*
EXXON #7-4181	*633 MANCHESTER BLVD W*	*1/2 - 1 W*	*83*	*71*
MOBIL #18-LEN	*8307 LA CIENEGA BLVD S*	*1/2 - 1 W*	*96*	*83*

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY OF INGLEWOOD MAINT. YARD	*222 BEACH AVE W*	*1/4 - 1/2 NNW*	*63*	*48*

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 01/17/2002 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL #1923	*145 MANCHESTER BLVD E*	*0 - 1/8 NE*	*B10*	*10*
SEARS AUTO CENTER (FORMER)	*500 MANCHESTER BLVD E*	*1/4 - 1/2 E*	*58*	*43*
INGLEWOOD CAR WASH	*320 LA BREA AVE N*	*1/4 - 1/2 N*	*59*	*44*
SIMONS MINI MARKET	*501 E MANCHESTER BLVD*	*1/4 - 1/2 E*	*61*	*46*
CITY OF INGLEWOOD MAINT. YARD	*222 BEACH AVE W*	*1/4 - 1/2 NNW*	*63*	*48*
INGLEWOOD TOYOTA	*700 S LA BREA AVE*	*1/4 - 1/2 SSE*	*64*	*50*
SS #23552	*435 LA BREA AVE N*	*1/4 - 1/2 N*	*65*	*53*
FAMILY OF FAITH CHURCH	*400 FLORENCE AVE W*	*1/4 - 1/2 NW*	*66*	*54*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON #9-3829	*303 MANCHESTER BLVD W*	*1/4 - 1/2 W*	*54*	*39*
7-11 #24142	*345 MANCHESTER BLVD W*	*1/4 - 1/2 W*	*56*	*41*

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 01/17/2002 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY OF INGLEWOOD-CITY HALL	1 W MANCHESTER BLVD	0 - 1/8 N	A2	6

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LIM'S TEXACO	145 E MANCHESTER BLVD	0 - 1/8 NE	B9	10
PACIFIC BELL IGWDCA01/A2104	301 S LA BREA AVE	0 - 1/8 ESE	D17	14
INGLEWOOD REDEVELOPMENT AGENCY	200 N LA BREA AVE	1/8 - 1/4 NNE	K50	38

CA FID: 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, has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FORMERLY JIM LYNCH CADILLAC	200 N LA BREA	1/8 - 1/4 NNE	K49	37

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 7 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY HALL	1 W MANCHESTER BLVD	0 - 1/8 N	A4	7
UNION OIL SERVICE STATION LEAS	145 E MANCHESTER BLVD	0 - 1/8 NE	B11	12
SERVICE STATION 1923	145 E MANCHESTER BLVD	0 - 1/8 NE	B12	12
PACIFIC BELL	***301 S LA BREA***	***0 - 1/8 ESE***	***D18***	***14***
BOUTIQUE	338 E MANCHESTER BLVD	1/8 - 1/4 E	H38	30
INGLEWOOD COURTS	1 E REGENT ST	1/8 - 1/4 N	I40	31
FIRE STATION #1	141 W REGENT ST	1/8 - 1/4 NNW	45	34

STATE OR LOCAL ASTM SUPPLEMENTAL

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 03/18/2002 has revealed that there are 7 CLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MANCHESTER CONCORD CLEANERS	***113 E MANCHESTER***	***0 - 1/8 NNE***	***A6***	***8***
HI-TECH CLEANERS #1	253 SOUTH LA BREA AVE	0 - 1/8 E	C15	14
PARK LANE CLEANERS	253 S LABREA AVE	0 - 1/8 E	C16	14
WAFFLE PLAZA CLEANERS	***W MANCHESTER STE C***	***0 - 1/8 W***	***20***	***17***
SPARKLING CLEANERS	***320 S LABREA AVE***	***0 - 1/8 SE***	***D21***	***19***
SPARKLING CLEANERS	320 SOUTH LA BREA	0 - 1/8 SE	D22	20
1X SPARKLING CLEANERS	320 SOUTH LA BREA AVENU	0 - 1/8 SE	D23	21

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there is 1 CA SLIC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FAITHFUL CENTRAL BAPTIST CHURC	321 EUCALYPTUS AVENUE	1/4 - 1/2 NW	62	48

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 25 HAZNET sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY OF INGLEWOOD	***1 MANCHESTER BLVD.***	***0 - 1/8 N***	***A3***	***7***
CITY OF INGLWOOD	101 WEST MANCHESTER BLV	0 - 1/8 N	A5	8
MANCHESTER CONCORD CLEANERS	***113 E MANCHESTER***	***0 - 1/8 NNE***	***A6***	***8***
CURTIS TUCKER HEALTH CENTER	123 W MANCHESTER BLVD	0 - 1/8 NW	8	10
UNOCAL SERVICE STATION #1923	***145 E MANCHESTER BLVD***	***0 - 1/8 NE***	***B14***	***13***
PACIFIC BELL	***301 S LA BREA***	***0 - 1/8 ESE***	***D18***	***14***
THE NEW WORLD JEWELERS INC	***S LABREA AVE***	***0 - 1/8 ENE***	***19***	***16***
WAFFLE PLAZA CLEANERS	***W MANCHESTER STE C***	***0 - 1/8 W***	***20***	***17***
SPARKLING CLEANERS	***320 S LABREA AVE***	***0 - 1/8 SE***	***D21***	***19***
INGLEWOOD POLICE DEPT/CITY OF	105 E QUEEN ST	1/8 - 1/4 NNE	24	21
HOMER L. WILLIAMS, M.D.	110 SO. LA BREA AVE. #5	1/8 - 1/4 NE	E26	21
DIAGNOSTIC IMAGING CTR OF INGL	***110 S LA BREA AVE STE 1***	***1/8 - 1/4 NE***	***E27***	***22***
101 SOUTH LA BREA PARTNERSHIP	101 SOUTH LA BREA	1/8 - 1/4 NE	E28	24
KAISER PERMANENTE	110 N LA BREA	1/8 - 1/4 NE	E30	24
DR F E CAMPBELL	257 S MARKET ST	1/8 - 1/4 E	31	26
BILLS CAMERA SHOP	324 S MARKET ST	1/8 - 1/4 ESE	G36	29
HOMESAVINGS OF AMERICA	***335 E MANCHESTER BLVD***	***1/8 - 1/4 E***	***H37***	***30***
LA COUNTY ISD/CENTRAL JUVENILE	1 REGENT ST	1/8 - 1/4 N	I39	31
COUNTY OF LA\ DEPT. OF PUBLIC	111 W REGENT ST	1/8 - 1/4 N	I41	31
MIKE'S AUTO	425 MARKET ST	1/8 - 1/4 SE	J42	32
LINDA BARCONEY DDS	345 EAST MANCHESTER	1/8 - 1/4 E	H44	33
QUALITY BUS MACH	233 E HILLCREST BLVD	1/8 - 1/4 SE	J46	34
B G BEDFORD DDS	219 E HILLCREST BLVD	1/8 - 1/4 SE	48	36
USPS HILLCREST STATION	***E HILLCREST BLVD***	***1/8 - 1/4 SE***	***J51***	***38***
MORRIS HALFON MD INC	336 EAST HILLCREST BLVD	1/8 - 1/4 ESE	53	39

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
DOW CHEMICAL CO INGLEWOOD	CERC-NFRAP
PUREX CORP	CERC-NFRAP
LLANO ILLEGAL DISPOSAL SITE	SWF/LF
7-ELEVEN STORE #2163/24142	HIST UST
CITY INGLEWOOD	HAZNET
CITY OF INGLEWOOD/REDEVELOPMENT AGENT	HAZNET
PACESETTER PRINTING	HAZNET
THE CARLSON COMPANY	HAZNET
CITY OF INGLEWOOD - HOLLYWOOD PARK RACE	HAZNET
INGLEWOOD UNIFIED SCHOOL DISTRICT	HAZNET
HILLCREST APARTMENTS	HAZNET
CHIEF AUTO PARTS #29886	HAZNET
LACY 20, LLC	HAZNET
CHIEFS AUTO PARTS SHOPPING CENTER	HAZNET
INSTANT PRINT OF INGLEWOOD	HAZNET
JAPANESE AUTO TECH	HAZNET
EQUILON ENTERPRISES LLC	HAZNET
SHELL STATION	HAZNET
CORNER OF 160TH AND INGLEWOOD AVE.	ERNS
CORNER OF 160TH AND INGLEWOOD AVE.	ERNS
INGLEWOOD LEASE(DRILLING)	ERNS
425 ISIS AVENUE, INGLEWOOD, CA	Ind. Haz Waste
425 ISIS AVENUE, INGLEWOOD, CA	Ind. Haz Waste
425 ISIS AVENUE, INGLEWOOD, CA	Ind. Haz Waste
CHEVRON - INGLEWOOD OIL FIELD	CA SLIC
INGLEWOOD OIL FIELD	CA WDS

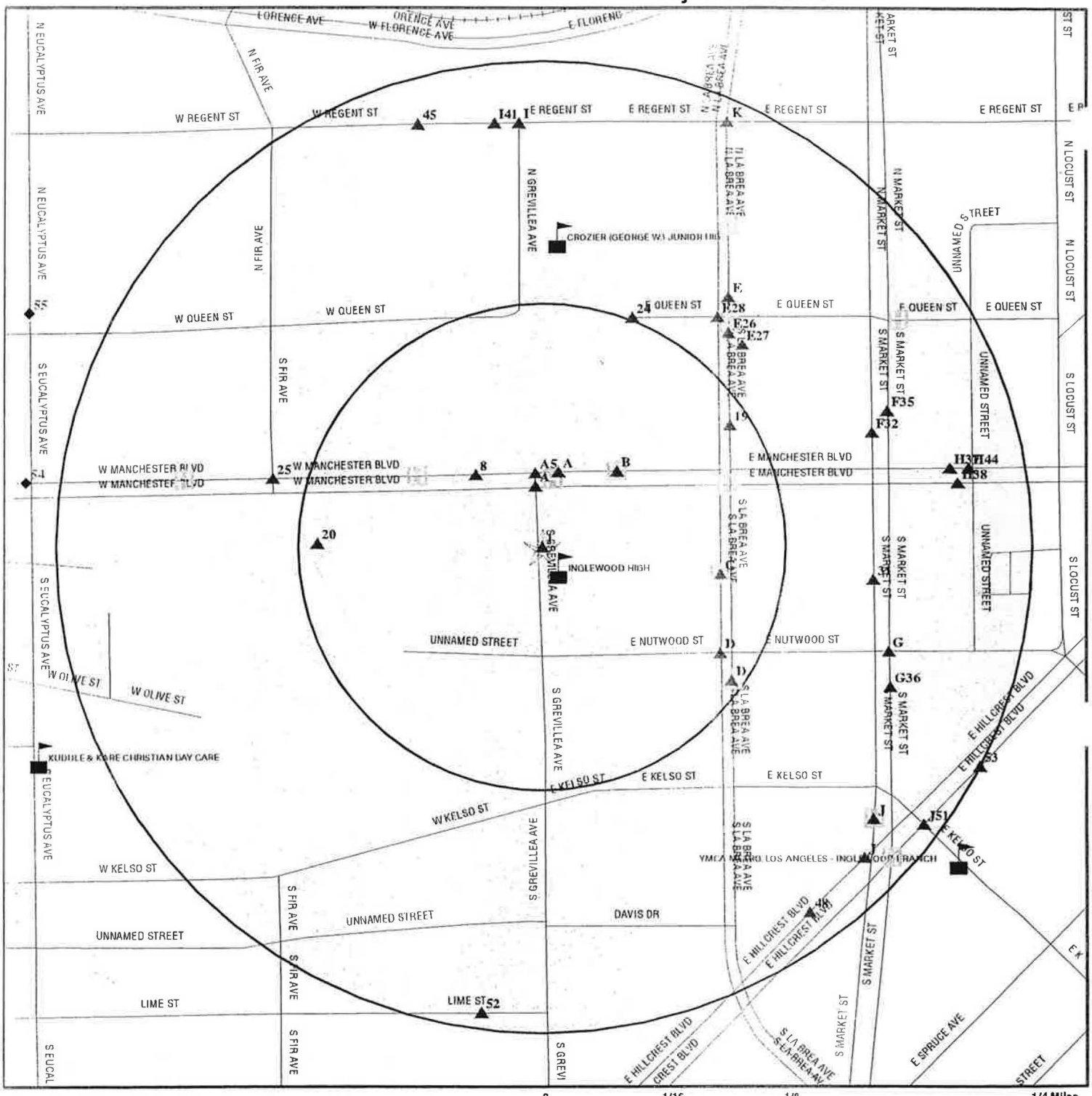
OVERVIEW MAP - 768617.2s - Smith Emery GeoServices



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Inglewood High School	CUSTOMER:	Smith Emery GeoServices
ADDRESS:	231 South Grevillea Avenue	CONTACT:	Ms. Ayesha Syeda
CITY/STATE/ZIP:	Inglewood CA 90301	INQUIRY #:	768617.2s
LAT/LONG:	33.9613 / 118.3550	DATE:	April 24, 2002 6:09 pm

DETAIL MAP - 768617.2s - Smith Emery GeoServices



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Historical Gas Stations / Historical Dry Cleaners See the EDR Proprietary Historical Map Findings
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Inglewood High School	CUSTOMER:	Smith Emery GeoServices
ADDRESS:	231 South Grevillea Avenue	CONTACT:	Ms. Ayesha Syeda
CITY/STATE/ZIP:	Inglewood CA 90301	INQUIRY #:	768617.2s
LAT/LONG:	33.9613 / 118.3550	DATE:	April 24, 2002 6:11 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.	X	0.250	5	7	NR	NR	NR	12
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	3	3	17	NR	23
Cortese		1.000	1	0	8	23	NR	32
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	1	NR	NR	1
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	9	NR	NR	10
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	3	1	NR	NR	NR	4
CA FID UST		0.250	0	1	NR	NR	NR	1
HIST UST		0.250	4	3	NR	NR	NR	7
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	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
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	7	0	NR	NR	NR	7

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	1	NR	NR	1
HAZNET	X	0.250	9	16	NR	NR	NR	25
Los Angeles Co. HMS		TP	NR	NR	NR	NR	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Gas Stations/Dry Cleaners		0.250	11	13	NR	NR	NR	24
Coal Gas		1.000	0	0	0	1	NR	1

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

1
Target
Property

INGLEWOOD HIGH SCHOOL
231 S GREVILLEA AVE
INGLEWOOD, CA 90301

RCRIS-SQG
FINDS
HAZNET

1000282334
CAD104286380

RCRIS:
Owner: INGLEWOOD UNIFIED SCHOOL DISTRICT
(310) 419-2767
EPA ID: CAD104286380

Contact: ROSE MULTARI
(310) 419-2767

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:
Gepaid: CAD104286380
Tepaid: CAD009007626
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 25.7896
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: INGLEWOOD HIGH SCHOOL
Telephone: (310) 419-2796
Mailing Address: 401 S INGLEWOOD AVE
INGLEWOOD, CA 90301 - 2501
County Los Angeles

Gepaid: CAD104286380
Tepaid: CAT000613935
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.1375
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: INGLEWOOD HIGH SCHOOL
Telephone: (310) 419-2796
Mailing Address: 401 S INGLEWOOD AVE
INGLEWOOD, CA 90301 - 2501
County Los Angeles

A2
North
< 1/8
166
Higher

CITY OF INGLEWOOD-CITY HALL
1 W MANCHESTER BLVD
INGLEWOOD, CA 90301

Site 1 of 6 in cluster A

UST

U003777153
N/A

State UST:
Facility ID: 13728
Total Tanks: 1
Region: STATE
Local Agency: 19000

A3 **CITY OF INGLEWOOD** **HAZNET** **S102055447**
North **1 MANCHESTER BLVD.** **LOS ANGELES CO. HMS** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
166
Higher **Site 2 of 6 in cluster A**

HAZNET:

Gepaid:	CAC000923048
Tepaid:	CAD983623794
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	2.5020
Category:	Unspecified aqueous solution
Disposal Method:	Not reported
Contact:	Not reported
Telephone:	(000) 000-0000
Mailing Address:	1 MANCHESTER BLVD. INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAC000923048
Tepaid:	CAT080025711
Gen County:	Los Angeles
Tsd County:	San Bernardino
Tons:	.2085
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Contact:	Not reported
Telephone:	(000) 000-0000
Mailing Address:	1 MANCHESTER BLVD. INGLEWOOD, CA 90301
County	Los Angeles

HMS:

Facility Id:	017009-022834		
Facility Type:	Not reported		
Permit Number:	Not reported	Permit Status:	Not reported
Facility Status:	OPEN	Area:	2E
Region:	Los Angeles County:		

A4 **CITY HALL** **HIST UST** **U001563788**
North **1 W MANCHESTER BLVD** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
166
Higher **Site 3 of 6 in cluster A**

UST HIST:

Facility ID:	29233		
Tank Num:	1	Container Num:	CITY HALL
Tank Capacity:	10000	Year Installed:	1973
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	WILLIAM K. WEYANT	Telephone:	(213) 412-5333
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	CITY HALL

Facility ID:	69077		
Tank Num:	1	Container Num:	C00
Tank Capacity:	0	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	X inches

CITY HALL (Continued) **U001563788**

Leak Detection: None
Contact Name: JOHN CONE
Total Tanks: 1
Facility Type: 2
Telephone: (415) 554-4930
Region: STATE
Other Type: LOCAL GOVERNMENT

A5 **CITY OF INGLWOOD** **HAZNET** **S103956995**
North **101 WEST MANCHESTER BLVD** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
202
Higher **Site 4 of 6 in cluster A**

HAZNET:
Gepaid: CAC001056656
Tepaid: CAT000646117
Gen County: Los Angeles
Tsd County: Kings
Tons: .2755
Category: Solids or sludges with halogenated organic compounds > 1000mg/kg
Disposal Method: Disposal, Land Fill
Contact: CITY OF INGLEWOOD
Telephone: (000) 000-0000
Mailing Address: 1 MANCHESTER BLVD
INGLEWOOD, CA 90301
County Los Angeles

A6 **MANCHESTER CONCORD CLEANERS** **HAZNET** **S103623618**
NNE **113 E MANCHESTER** **CLEANERS** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
208
Higher **Site 5 of 6 in cluster A**

CA Cleaners:
Create Date: 12/08/1995
Inactive Date: 0
EPA Id: CA0000724922
County : Los Angeles

HAZNET:
Gepaid: CA0000724922
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.5345
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: FARIBORZ NOURIAN
Telephone: (310) 281-8573
Mailing Address: PO BOX 641217
LOS ANGELES, CA 90064
County Los Angeles

MANCHESTER CONCORD CLEANERS (Continued) **S103623618**

Gepaid: CA0000724922
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .6170
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: FARIBORZ NOURIAN
Telephone: (310) 281-8573
Mailing Address: PO BOX 641217
LOS ANGELES, CA 90064
County Los Angeles

Gepaid: CA0000724922
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0000
Category:
Disposal Method: Recycler
Contact: FARIBORZ NOURIAN
Telephone: (310) 281-8573
Mailing Address: PO BOX 641217
LOS ANGELES, CA 90064
County Los Angeles

Gepaid: CA0000724922
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0000
Category:
Disposal Method: Recycler
Contact: FARIBORZ NOURIAN
Telephone: (310) 281-8573
Mailing Address: PO BOX 641217
LOS ANGELES, CA 90064
County Los Angeles

Gepaid: CA0000724922
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.5702
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: FARIBORZ NOURIAN
Telephone: (310) 281-8573
Mailing Address: PO BOX 641217
LOS ANGELES, CA 90064
County Los Angeles

The CA HAZNET database contains 6 additional records for this site.
Please contact your EDR Account Executive for more information.

A7 **CONCORD CLEANERS** **RCRIS-SQG 1000905464**
NNE **113 E MANCHESTER** **FINDS CA0000724922**
< 1/8 **INGLEWOOD, CA 90301**
208
Higher **Site 6 of 6 in cluster A**

CONCORD CLEANERS (Continued) **1000905464**

RCRIS:
Owner: FARIBORS NOURIAN
(310) 674-4037
EPA ID: CA0000724922
Contact: FARIBORZ MOURIAN
(310) 674-4037
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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8 **CURTIS TUCKER HEALTH CENTER** **HAZNET** **S103626180**
NW **123 W MANCHESTER BLVD** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
268
Higher

HAZNET:
Gepaid: CAL000068629
Tepaid: AZD983476680
Gen County: Los Angeles
Tsd County: 99
Tons: 1.6023
Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Recycler
Contact: LOS ANGELES COUNTY DEPT OF
Telephone: (000) 000-0000
Mailing Address: 123 W MANCHESTER BLVD
INGLEWOOD, CA 90301 - 1753
County Los Angeles

B9 **LIM'S TEXACO** **UST** **U003777443**
NE **145 E MANCHESTER BLVD** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
286
Higher **Site 1 of 6 in cluster B**

State UST:
Facility ID: 22027
Total Tanks: 1
Region: STATE
Local Agency: 19000

B10 **UNOCAL #1923** **LUST** **S101296466**
NE **145 MANCHESTER BLVD E** **Cortese** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
286
Higher **Site 2 of 6 in cluster B**

State LUST:

UNOCAL #1923 (Continued) **S101296466**

Cross Street: LA BREA
Qty Leaked: Not reported
Case Number I-09888
Reg Board: Los Angeles Region
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Review Date: 8/16/1990 Confirm Leak: 8/16/1990
Workplan: 5/21/1992 Prelim Assess: 5/21/1992
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 10/7/1993
Release Date: 8/16/1990
Cleanup Fund Id : Not reported
Discover Date : 8/14/1990
Enforcement Dt : 1/1/1965
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : 10/16/1990
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Repair Tank
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : LIM, BONG SANG
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 10/7/1993
Stop Date : 8/14/1990
Work Suspended :Not reported
Responsible PartyUNOCAL
RP Address: 17700 CASTLETO ST, SUITE 500, CITY OF INDUSTRY, 91748
Global Id: T0603703510
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 26 - DESTROYED
Distance To Lust: 2483.097878486763877194628567 4
Waste Discharge Global ID: W0603710051

UNOCAL #1923 (Continued) **S101296466**

Waste Disch Assigned Name: 02S/14W-28M01 S

LUST Region 4:
Report Date: 8/16/1990
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-09888
Substance: Waste Oil
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-09888
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

B11 **UNION OIL SERVICE STATION LEAS** **HIST UST** **1000166686**
NE **145 E MANCHESTER BLVD** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
286
Higher **Site 3 of 6 in cluster B**

UST HIST:

Facility ID:	55760		
Tank Num:	1	Container Num:	1
Tank Capacity:	607	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	BONG SANG LIM	Telephone:	(213) 677-7525
Total Tanks:	1	Region:	STATE
Facility Type:	1	Other Type:	Not reported

B12 **SERVICE STATION 1923** **HIST UST** **U001563823**
NE **145 E MANCHESTER BLVD** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
286
Higher **Site 4 of 6 in cluster B**

UST HIST:

Facility ID:	3866		
Tank Num:	1	Container Num:	1923-1
Tank Capacity:	9940	Year Installed:	1967
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Pressure Test		
Contact Name:	BONG SANG LIM	Telephone:	(213) 977-6227
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported
Facility ID:	3866		
Tank Num:	2	Container Num:	1923-2
Tank Capacity:	9940	Year Installed:	1967
Tank Used for:	PRODUCT		
Type of Fuel:	PREMIUM	Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Pressure Test		
Contact Name:	BONG SANG LIM	Telephone:	(213) 977-6227

SERVICE STATION 1923 (Continued) **U001563823**

Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported
Facility ID:	3866		
Tank Num:	3	Container Num:	1923-4
Tank Capacity:	280	Year Installed:	1967
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor, Pressure Test		
Contact Name:	BONG SANG LIM	Telephone:	(213) 977-6227
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported

B13 **RCRIS-SQG** **1004678555**
NE **145 E MANCHESTER BLVD** **CAR000110494**
< 1/8 **INGLEWOOD, CA 90301**
286
Higher **Site 5 of 6 in cluster B**

RCRIS:
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

B14 **UNOCAL SERVICE STATION #1923** **HAZNET** **S100876963**
NE **145 E MANCHESTER BLVD** **LOS ANGELES CO. HMS** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
286
Higher **Site 6 of 6 in cluster B**

HAZNET:

Gepaid:	CAD981645443
Tepaid:	CAD099452708
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.2293
Category:	Oil/water separation sludge
Disposal Method:	Recycler
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	(714) 428-6560
Mailing Address:	PO BOX 25376
	SANTA ANA, CA 92799 - 5376
County	Los Angeles

HMS:

Facility Id:	010031-009888		
Facility Type:	T0		
Permit Number:	00001419T	Permit Status:	Closed
Facility Status:	Permit	Area:	2E
Region:	Los Angeles County:		
Facility Id:	010031-022027		
Facility Type:	T0		
Permit Number:	000111084	Permit Status:	Permit
Facility Status:	Permit	Area:	2E
Region:	Los Angeles County:		

C15 **HI-TECH CLEANERS #1** **CLEANERS** **S105266052**
East **253 SOUTH LA BREA AVE** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
487
Higher **Site 1 of 2 in cluster C**

CA Cleaners:
Create Date: 04/02/1991
Inactive Date: 0
EPA Id: CAL000047319
County : Los Angeles

C16 **PARK LANE CLEANERS** **CLEANERS** **S105265797**
East **253 S LABREA AVE** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
487
Higher **Site 2 of 2 in cluster C**

CA Cleaners:
Create Date: 11/14/1989
Inactive Date: 01/01/1995
EPA Id: CAL000015650
County : Los Angeles

D17 **PACIFIC BELL IGWDCA01/A2104** **UST** **U003776714**
ESE **301 S LA BREA AVE** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
561
Higher **Site 1 of 5 in cluster D**

State UST:
Facility ID: 10228
Total Tanks: 1
Region: STATE
Local Agency: 19000

D18 **PACIFIC BELL** **RCRIS-SQG** **1000250301**
ESE **301 S LA BREA** **FINDS** **CAT080018765**
< 1/8 **INGLEWOOD, CA 90301** **HIST UST**
561 **HAZNET**
Higher **Site 2 of 5 in cluster D**

RCRIS:
Owner: THE PACIFIC TELEPHONE AND TELEGRAPH CO
(415) 555-1212
EPA ID: CAT080018765
Contact: ENVIRONMENTAL MANAGER
(714) 972-5116
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

PACIFIC BELL (Continued) **1000250301**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid:	CAT080018765
Tepaid:	CAD980883177
Gen County:	Los Angeles
Tsd County:	Kern
Tons:	.8340
Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	PACIFIC BELL
Telephone:	(925) 823-6161
Mailing Address:	PO BOX 5095
	SAN RAMON, CA 94583 - 0995
County	Los Angeles

Gepaid:	CAT080018765
Tepaid:	CAD981696420
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.1459
Category:	Oil/water separation sludge
Disposal Method:	Transfer Station
Contact:	PACIFIC BELL
Telephone:	(925) 823-6161
Mailing Address:	PO BOX 5095
	SAN RAMON, CA 94583 - 0995
County	Los Angeles

Gepaid:	CAT080018765
Tepaid:	CAD088504881
Gen County:	Los Angeles
Tsd County:	Orange
Tons:	4.3576
Category:	Liquids with pH <UN-> 2
Disposal Method:	Treatment, Tank
Contact:	PACIFIC BELL
Telephone:	(925) 823-6161
Mailing Address:	PO BOX 5095
	SAN RAMON, CA 94583 - 0995
County	Los Angeles

Gepaid:	CAT080018765
Tepaid:	CAD982444481
Gen County:	Los Angeles
Tsd County:	San Bernardino
Tons:	.1250
Category:	Other organic solids
Disposal Method:	Transfer Station
Contact:	PACIFIC BELL
Telephone:	(925) 823-6161
Mailing Address:	PO BOX 5095
	SAN RAMON, CA 94583 - 0995

PACIFIC BELL (Continued) **1000250301**

County Los Angeles

Gepaid: CAT080018765
Tepaid: CAD067786749
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 4.2140
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Address: PO BOX 5095
SAN RAMON, CA 94583 - 0995
County Los Angeles

The CA HAZNET database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

UST HIST:

Facility ID:	61274		
Tank Num:	1	Container Num:	1
Tank Capacity:	10000	Year Installed:	1975
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	E.J. KOEHLER	Telephone:	(415) 542-6758
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	SIC 4800

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19 ENE < 1/8 605 Higher **THE NEW WORLD JEWELERS INC** **RCRIS-SQG 1001022995**
S LABREA AVE **FINDS CAR000003467**
INGLEWOOD, CA 90301 **HAZNET**

RCRIS:
Owner: ELI WEINGARTEN
(818) 786-3138
EPA ID: CAR000003467

Contact: KEN DAYAN
(310) 677-0500

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

THE NEW WORLD JEWELERS INC (Continued) **1001022995**

HAZNET:
Gepaid: CAR000003467
Tepaid: AZD980695332
Gen County: Los Angeles
Tsd County: 99
Tons: .4587
Category: Liquids with cyanides > 1000 mg/l
Disposal Method: Recycler
Contact: ELI WEINGARTEN
Telephone: (310) 677-0500
Mailing Address: 170 S LA BREA AVE
INGLEWOOD, CA 90301 - 1714
County Los Angeles

Gepaid: CAR000003467
Tepaid: CAT000612150
Gen County: Los Angeles
Tsd County: Orange
Tons: .6880
Category: Liquids with cyanides > 1000 mg/l
Disposal Method: Not reported
Contact: ELI WEINGARTEN
Telephone: (310) 677-0500
Mailing Address: 170 S LA BREA AVE
INGLEWOOD, CA 90301 - 1714
County Los Angeles

20
West
< 1/8
610
Higher

WAFFLE PLAZA CLEANERS
W MANCHESTER STE C
LOS ANGELES, CA 90003

RCRIS-SQG **1001085533**
FINDS **CAR000008565**
HAZNET
CLEANERS

RCRIS:
Owner: CARL S JOHNSON
(213) 758-2720
EPA ID: CAR000008565

Contact: JOHNSON CARL
(213) 758-2720

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

CA Cleaners:
Create Date: 06/20/1996
Inactive Date: 06/30/1998
EPA Id: CAR000008565
County : Los Angeles

WAFFLE PLAZA CLEANERS (Continued) **1001085533**

HAZNET:

Gepaid:	CAR000008565
Tepaid:	CAD981397417
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.1876
Category:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method:	Recycler
Contact:	CARL S JOHNSON
Telephone:	(213) 758-2720
Mailing Address:	106 W MANCHESTER AVE STE C LOS ANGELES, CA 90003 - 3300
County	Los Angeles

Gepaid:	CAR000008565
Tepaid:	CAD981397417
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.0000
Category:	
Disposal Method:	Recycler
Contact:	CARL S JOHNSON
Telephone:	(213) 758-2720
Mailing Address:	106 W MANCHESTER AVE STE C LOS ANGELES, CA 90003 - 3300
County	Los Angeles

Gepaid:	CAR000008565
Tepaid:	CAD981397417
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.0000
Category:	
Disposal Method:	Recycler
Contact:	CARL S JOHNSON
Telephone:	(213) 758-2720
Mailing Address:	106 W MANCHESTER AVE STE C LOS ANGELES, CA 90003 - 3300
County	Los Angeles

Gepaid:	CAR000008565
Tepaid:	CAD981397417
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.2293
Category:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method:	Recycler
Contact:	CARL S JOHNSON
Telephone:	(213) 758-2720
Mailing Address:	106 W MANCHESTER AVE STE C LOS ANGELES, CA 90003 - 3300
County	Los Angeles

WAFFLE PLAZA CLEANERS (Continued) **1001085533**

Gepaid: CAR000008565
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .4817
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: CARL S JOHNSON
Telephone: (213) 758-2720
Mailing Address: 106 W MANCHESTER AVE STE C
LOS ANGELES, CA 90003 - 3300
County Los Angeles

D21 **SPARKLING CLEANERS** **HAZNET** **S102056078**
SE **320 S LABREA AVE** **LOS ANGELES CO. HMS** **N/A**
< 1/8 **INGLEWOOD, CA 90301** **CLEANERS**
626
Higher **Site 3 of 5 in cluster D**

CA Cleaners:
Create Date: 07/03/1987
Inactive Date: 0
EPA Id: CAD981990823
County : Los Angeles

HAZNET:
Gepaid: CAD981990823
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0000
Category:
Disposal Method: Recycler
Contact: B. GARDNER
Telephone: (000) 000-0000
Mailing Address: 320 S LA BREA AVE
INGLEWOOD, CA 90301
County Los Angeles

Gepaid: CAD981990823
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 3.4373
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: B. GARDNER
Telephone: (000) 000-0000
Mailing Address: 320 S LA BREA AVE
INGLEWOOD, CA 90301
County Los Angeles

SPARKLING CLEANERS (Continued) **S102056078**

Gepaid: CAD981990823
Tepaid: AZD009015389
Gen County: Los Angeles
Tsd County: 99
Tons: .4185
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Not reported
Contact: B. GARDNER
Telephone: (000) 000-0000
Mailing Address: 320 S LA BREA AVE
INGLEWOOD, CA 90301
County Los Angeles

Gepaid: CAD981990823
Tepaid: CAD981397417
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .7446
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: B. GARDNER
Telephone: (000) 000-0000
Mailing Address: 320 S LA BREA AVE
INGLEWOOD, CA 90301
County Los Angeles

Gepaid: CAD981990823
Tepaid: Not reported
Gen County: Los Angeles
Tsd County: 0
Tons: .2085
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: B. GARDNER
Telephone: (000) 000-0000
Mailing Address: 320 S LA BREA AVE
INGLEWOOD, CA 90301
County Los Angeles

The CA HAZNET database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

HMS:
Facility Id: 014795-015542
Facility Type: Not reported
Permit Number: Not reported
Permit Status: Not reported
Facility Status: Removed
Area: 2E
Region: Los Angeles County:

D22 **SPARKLING CLEANERS** **CLEANERS** **S105266193**
SE **320 SOUTH LA BREA** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
626
Higher **Site 4 of 5 in cluster D**

CA Cleaners:
Create Date: 12/28/1983
Inactive Date: 04/30/1986
EPA Id: CAX000057059
County : Los Angeles

D23 **1X SPARKLING CLEANERS** **CLEANERS** **S105265532**
SE **320 SOUTH LA BREA AVENUE** **N/A**
< 1/8 **INGLEWOOD, CA 90301**
626
Higher **Site 5 of 5 in cluster D**

CA Cleaners:
Create Date: 03/13/1990
Inactive Date: 10/25/2000
EPA Id: CAC000258129
County : Los Angeles

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24 **INGLEWOOD POLICE DEPT/CITY OF INGLEWOOD** **HAZNET** **S103969902**
NNE **105 E QUEEN ST** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
668
Higher

HAZNET:
Gepaid: CAL000175008
Tepaid: CAD089446710
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Aqueous solution with metals (restricted levels and Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc))
Disposal Method: Transfer Station
Contact: CITY OF INGLEWOOD
Telephone: (000) 000-0000
Mailing Address: 1 W MANCHESTER BLVD
INGLEWOOD, CA 90301 - 1750
County Los Angeles

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25 **CHMIRS** **S100276223**
WNW **MANCHESTER / FIR AVENUE** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
754
Higher

CHMIRS:

OES Control Number:	9014493	DOT ID:	1971
DOT Hazard Class:	Not Reported		
Chemical Name:	GAS, NATURAL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	Air	Property Use:	County/City Road
Incident Date:	26-OCT-90	Date Completed:	26-OCT-90

E26 **HOMER L. WILLIAMS, M.D.** **HAZNET** **S103968161**
NE **110 SO. LA BREA AVE. #540** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
768
Higher **Site 1 of 5 in cluster E**

HOMER L. WILLIAMS, M.D. (Continued) **S103968161**

HAZNET:
Gepaid: CAL000142182
Tepaid: CAD981402522
Gen County: Los Angeles
Tsd County: Kern
Tons: .0208
Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: HOMER L. WILLIAMS, M.D.
Telephone: (310) 677-6161
Mailing Address: 110 SO. LA BREA AVE. #540
INGLEWOOD, CA 90301
County Los Angeles

E27 **DIAGNOSTIC IMAGING CTR OF INGLEWOOD** **RCRIS-SQG** **1000819321**
NE **110 S LA BREA AVE STE 150** **FINDS** **CAD983652983**
1/8-1/4 **INGLEWOOD, CA 90301** **HAZNET**
770
Higher **Site 2 of 5 in cluster E**

RCRIS:
Owner: WES R BROWN REALTY CO
(213) 674-8593
EPA ID: CAD983652983
Contact: CARON KUHL
(310) 671-6000
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:
Gepaid: CAD983652983
Tepaid: CAD981402522
Gen County: Los Angeles
Tsd County: Kern
Tons: .0025
Category: Other inorganic solid waste
Disposal Method: Recycler
Contact: WES R BROWN REALTY CO
Telephone: (213) 674-8593
Mailing Address: 110 S LA BREA AVE STE 150
INGLEWOOD, CA 90301 - 4624
County Los Angeles

DIAGNOSTIC IMAGING CTR OF INGLEWOOD (Continued) **1000819321**

Gepaid: CAD983652983
Tepaid: CAD981402522
Gen County: Los Angeles
Tsd County: Kern
Tons: .0208
Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Recycler
Contact: WES R BROWN REALTY CO
Telephone: (213) 674-8593
Mailing Address: 110 S LA BREA AVE STE 150
INGLEWOOD, CA 90301 - 4624
County Los Angeles

Gepaid: CAD983652983
Tepaid: CAD981402522
Gen County: Los Angeles
Tsd County: Kern
Tons: .0208
Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: WES R BROWN REALTY CO
Telephone: (213) 674-8593
Mailing Address: 110 S LA BREA AVE STE 150
INGLEWOOD, CA 90301 - 4624
County Los Angeles

Gepaid: CAD983652983
Tepaid: CAD982433575
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0000
Category:
Disposal Method: Recycler
Contact: WES R BROWN REALTY CO
Telephone: (213) 674-8593
Mailing Address: 110 S LA BREA AVE STE 150
INGLEWOOD, CA 90301 - 4624
County Los Angeles

Gepaid: CAD983652983
Tepaid: CAD982433575
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0125
Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Recycler
Contact: WES R BROWN REALTY CO
Telephone: (213) 674-8593
Mailing Address: 110 S LA BREA AVE STE 150
INGLEWOOD, CA 90301 - 4624
County Los Angeles

DIAGNOSTIC IMAGING CTR OF INGLEWOOD (Continued) — **1000819321**

The CA HAZNET database contains 2 additional records for this site.
Please contact your EDR Account Executive for more information.

E28 | **101 SOUTH LA BREA PARTNERSHIP** | **HAZNET** | **S103946609**
NE | **101 SOUTH LA BREA** | **N/A**
1/8-1/4 | **INGLEWOOD, CA 90301**
783
Higher | **Site 3 of 5 in cluster E**

HAZNET:

Gepaid:	CAC000732160
Tepaid:	CAD009007626
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	96.9220
Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	THE MICA COMPANY
Telephone:	(000) 000-0000
Mailing Address:	837 TRACTION AVENUE LOS ANGELES, CA 90013
County	Los Angeles

E29 | **SOUTHERN CALIFORNIA WASTE OIL CO** | **RCRIS-SQG** | **1000409155**
NE | **111 NORTH LABREA AVE SUITE 600** | **FINDS** | **CAT080031297**
1/8-1/4 | **INGLEWOOD, CA 90301**
837
Higher | **Site 4 of 5 in cluster E**

RCRIS:

Owner:	SOUTHERN CALIFORNIA WASTE OIL COMPANY (415) 555-1212
EPA ID:	CAT080031297
Contact:	ENVIRONMENTAL MANAGER (213) 671-0383
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E30 | **KAISER PERMANENTE** | **HAZNET** | **S103622526**
NE | **110 N LA BREA** | **N/A**
1/8-1/4 | **INGLEWOOD, CA 90301**
844
Higher | **Site 5 of 5 in cluster E**

KAISER PERMANENTE (Continued) **S103622526**

HAZNET:

Gepaid:	CAL000084744
Tepaid:	CAD000013493
Gen County:	Los Angeles
Tsd County:	0
Tons:	.0010
Category:	Other inorganic solid waste
Disposal Method:	Recycler
Contact:	KAISER PERMANENTE
Telephone:	(510) 271-5910
Mailing Address:	1950 FRANKLIN ST, 12TH FLOOR OAKLAND, CA 94612 - 3416
County	Los Angeles

Gepaid:	CAL000084744
Tepaid:	CAD000013493
Gen County:	Los Angeles
Tsd County:	0
Tons:	.0025
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Contact:	KAISER PERMANENTE
Telephone:	(510) 271-5910
Mailing Address:	1950 FRANKLIN ST, 12TH FLOOR OAKLAND, CA 94612 - 3416
County	Los Angeles

Gepaid:	CAL000084744
Tepaid:	CAD009007626
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	4.2140
Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	KAISER PERMANENTE
Telephone:	(510) 271-5910
Mailing Address:	1950 FRANKLIN ST, 12TH FLOOR OAKLAND, CA 94612 - 3416
County	Los Angeles

Gepaid:	CAL000084744
Tepaid:	CAL000027741
Gen County:	Los Angeles
Tsd County:	5
Tons:	.8428
Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	KAISER PERMANENTE
Telephone:	(510) 271-5910
Mailing Address:	1950 FRANKLIN ST, 12TH FLOOR OAKLAND, CA 94612 - 3416
County	Los Angeles

KAISER PERMANENTE (Continued) **S103622526**

Gepaid: CAL000084744
Tepaid: CAD000013493
Gen County: Los Angeles
Tsd County: 0
Tons: .0083
Category:
Disposal Method: Not reported
Contact: KAISER PERMANENTE
Telephone: (510) 271-5910
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
OAKLAND, CA 94612 - 3416
County Los Angeles

The CA HAZNET database contains 8 additional records for this site.
Please contact your EDR Account Executive for more information.

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31 **DR F E CAMPBELL** **HAZNET** **S103647062**
East **257 S MARKET ST** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
897
Higher

HAZNET:
Gepaid: CAL000076257
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0291
Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Contact: CAMPBELL FALCON E
Telephone: (000) 000-0000
Mailing Address: 257 S MARKET ST
INGLEWOOD, CA 90301 - 2305
County Los Angeles

Gepaid: CAL000076257
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0582
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CAMPBELL FALCON E
Telephone: (000) 000-0000
Mailing Address: 257 S MARKET ST
INGLEWOOD, CA 90301 - 2305
County Los Angeles

Gepaid: CAL000076257
Tepaid: CAT080022148
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: .0008
Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: CAMPBELL FALCON E
Telephone: (000) 000-0000
Mailing Address: 257 S MARKET ST

DR F E CAMPBELL (Continued) **S103647062**

INGLEWOOD, CA 90301 - 2305
County Los Angeles

Gepaid: CAL000076257
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0208
Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Contact: CAMPBELL FALCON E
Telephone: (000) 000-0000
Mailing Address: 257 S MARKET ST
INGLEWOOD, CA 90301 - 2305
County Los Angeles

Gepaid: CAL000076257
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0082
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CAMPBELL FALCON E
Telephone: (000) 000-0000
Mailing Address: 257 S MARKET ST
INGLEWOOD, CA 90301 - 2305
County Los Angeles

The CA HAZNET database contains 7 additional records for this site.
Please contact your EDR Account Executive for more information.

F32 **THE NEW WORLD** **RCRIS-SQG 1000125063**
ENE **155 SO MARKET ST** **FINDS CAD982468290**
1/8-1/4 **INGLEWOOD, CA 90301**
941
Higher **Site 1 of 2 in cluster F**

RCRIS:
Owner: VICTOR SMITH
(415) 555-1212
EPA ID: CAD982468290

Contact: ENVIRONMENTAL MANAGER
(213) 678-8484

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

G33 **PRO LAB** **RCRIS-SQG** **1000121878**
ESE **S MARKET ST** **CAD982506230**
1/8-1/4 **INGLEWOOD, CA 90301**
976
Higher **Site 1 of 3 in cluster G**

RCRIS:
Owner: CHOI RICHARD
(415) 555-1212
EPA ID: CAD982506230
Contact: ENVIRONMENTAL MANAGER
(213) 674-8920
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

G34 **PROLAB 1 HOUR PHOTO & STUDIO** **RCRIS-SQG** **1000275740**
ESE **S MARKET ST** **FINDS** **CAD982472490**
1/8-1/4 **INGLEWOOD, CA 90301**
976
Higher **Site 2 of 3 in cluster G**

RCRIS:
Owner: TAE CHOE
(415) 555-1212
EPA ID: CAD982472490
Contact: ENVIRONMENTAL MANAGER
(213) 674-8920
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

F35 **CHMIRS** **S100277016**
ENE **128 1/2 SOUTH MARKET** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1001
Higher **Site 2 of 2 in cluster F**

CHMIRS:

OES Control Number:	9101028	DOT ID:	1830
DOT Hazard Class:	Corrosives		
Chemical Name:	DRAIN CLEANER WITH SULFRIC ACID		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	4
Environmental Contamination:	Air	Property Use:	Residential
Incident Date:	13-NOV-91	Date Completed:	13-NOV-91

G36
ESE
1/8-1/4
1012
Higher

BILLS CAMERA SHOP
324 S MARKET ST
INGLEWOOD, CA 90301

Site 3 of 3 in cluster G

HAZNET **S103652842**
N/A

HAZNET:

Gepaid:	CAL000082242
Tepaid:	CAT000613976
Gen County:	Los Angeles
Tsd County:	Orange
Tons:	.0125
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Contact:	IL TAEK KWON
Telephone:	(000) 000-0000
Mailing Address:	324 S MARKET ST
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000082242
Tepaid:	CAT000613976
Gen County:	Los Angeles
Tsd County:	Orange
Tons:	.1270
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Contact:	IL TAEK KWON
Telephone:	(000) 000-0000
Mailing Address:	324 S MARKET ST
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000082242
Tepaid:	CAT000613976
Gen County:	Los Angeles
Tsd County:	Orange
Tons:	.0125
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Contact:	IL TAEK KWON
Telephone:	(000) 000-0000
Mailing Address:	324 S MARKET ST
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000082242
Tepaid:	CAT000613976
Gen County:	Los Angeles
Tsd County:	Orange
Tons:	.1251
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Contact:	IL TAEK KWON
Telephone:	(000) 000-0000
Mailing Address:	324 S MARKET ST
	INGLEWOOD, CA 90301
County	Los Angeles

BILLS CAMERA SHOP (Continued) **S103652842**

Gepaid: CAL000082242
Tepaid: CAT000613976
Gen County: Los Angeles
Tsd County: Orange
Tons: .1541
Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Contact: IL TAEK KWON
Telephone: (000) 000-0000
Mailing Address: 324 S MARKET ST
INGLEWOOD, CA 90301
County Los Angeles

H37 **HOMESAVINGS OF AMERICA** **HAZNET** **S102056129**
East **335 E MANCHESTER BLVD** **LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1117
Higher **Site 1 of 3 in cluster H**

HAZNET:
Gepaid: CAC000880232
Tepaid: CAL000027741
Gen County: Los Angeles
Tsd County: 5
Tons: .3371
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: HOMESAVINGS OF AMERICA
Telephone: (000) 000-0000
Mailing Address: 4900 RIVERGRADE RD
IRWINDALE, CA 91706
County Los Angeles

HMS:
Facility Id: 013391-013735
Facility Type: T0
Permit Number: 00005388T
Permit Status: Removed
Facility Status: Removed
Area: 2E
Region: Los Angeles County:

H38 **BOUTIQUE** **HIST UST** **U001563784**
East **338 E MANCHESTER BLVD** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1130
Higher **Site 2 of 3 in cluster H**

UST HIST:
Facility ID: 29255
Tank Num: 1
Container Num: B-1
Tank Capacity: 400
Year Installed: Not reported
Tank Used for: Not Reported
Type of Fuel: Not Reported
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: WILLIAM WEYANT
Telephone: (213) 412-5333
Total Tanks: 1
Region: STATE
Facility Type: 2
Other Type: BOUTIQUE

I39 **LA COUNTY ISD/CENTRAL JUVENILE HALL** **HAZNET** **S103973954**
North **1 REGENT ST** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1154
Higher **Site 1 of 3 in cluster I**

HAZNET:

Gepaid:	CAC001245752
Tepaid:	CAL000027741
Gen County:	Los Angeles
Tsd County:	5
Tons:	1.2642
Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	LOS ANGELES COUNTY
Telephone:	(000) 000-0000
Mailing Address:	1100 NORTHEASTERN AVE #119
	LOS ANGELES, CA 90063
County	Los Angeles

I40 **INGLEWOOD COURTS** **HIST UST** **U001562316**
North **1 E REGENT ST** **N/A**
1/8-1/4 **INGLEWOOD, CA 90063**
1154
Higher **Site 2 of 3 in cluster I**

UST HIST:

Facility ID:	20732		
Tank Num:	1	Container Num:	TANK #1
Tank Capacity:	1000	Year Installed:	1975
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	L. A. COUNTY MECHANICAL DEPT.	Telephone:	(213) 267-2242
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	COURT

I41 **COUNTY OF LA\ DEPT. OF PUBLIC WORKS** **HAZNET** **S103958789**
North **111 W REGENT ST** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1159
Higher **Site 3 of 3 in cluster I**

HAZNET:

Gepaid:	CAC002119296
Tepaid:	CAT080013352
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.3127
Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	COUNTY OF LA\ DEPT OF PUB WORK
Telephone:	(000) 000-0000
Mailing Address:	PO BOX 1460
	ALHAMBRA, CA 91802 - 1460
County	Los Angeles

J42 **MIKE'S AUTO** **HAZNET** **S104580450**
SE **425 MARKET ST** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1158
Higher **Site 1 of 5 in cluster J**

HAZNET:

Gepaid:	CAL000172307
Tepaid:	CAD099452708
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	0.6255
Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Contact:	MIKE MONTEROSSO
Telephone:	(310) 671-9671
Mailing Address:	425 MARKET ST
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000172307
Tepaid:	CAT000613893
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	0.0667
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	MIKE MONTEROSSO
Telephone:	(310) 671-9671
Mailing Address:	425 MARKET ST
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000172307
Tepaid:	CAT000613935
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	0.0583
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	MIKE MONTEROSSO
Telephone:	(310) 671-9671
Mailing Address:	425 MARKET ST
	INGLEWOOD, CA 90301
County	Los Angeles

J43 **MAZDA SVC** **RCRIS-SQG** **1000132967**
SE **425 S MARKET ST** **FINDS** **CAD981579808**
1/8-1/4 **INGLEWOOD, CA 90301**
1158
Higher **Site 2 of 5 in cluster J**

MAZDA SVC (Continued) **1000132967**

RCRIS:
Owner: LEE MARTIN
(213) 678-8146
EPA ID: CAD981579808
Contact: MICHAEL KNOX
(213) 671-7700
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

H44 **LINDA BARCONEY DDS** **HAZNET** **S103974967**
East **345 EAST MANCHESTER** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1166
Higher **Site 3 of 3 in cluster H**

HAZNET:
Gepaid: CAL000156750
Tepaid: CAD108040858
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1083
Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: LINDA BARCONEY
Telephone: (000) 000-0000
Mailing Address: 345 E MANCHESTER BLVD
INGLEWOOD, CA 90301 - 1814
County Los Angeles

Gepaid: CAL000156750
Tepaid: CAD108040858
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0791
Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: LINDA BARCONEY
Telephone: (000) 000-0000
Mailing Address: 345 E MANCHESTER BLVD
INGLEWOOD, CA 90301 - 1814
County Los Angeles

LINDA BARCONEY DDS (Continued) **S103974967**

Gepaid:	CAL000156750
Tepaid:	CAD108040858
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.0416
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Contact:	LINDA BARCONEY
Telephone:	(000) 000-0000
Mailing Address:	345 E MANCHESTER BLVD INGLEWOOD, CA 90301 - 1814
County	Los Angeles

45
NNW
1/8-1/4
1198
Higher

FIRE STATION #1 **HIST UST** **U001563797**
141 W REGENT ST **N/A**
INGLEWOOD, CA 90301

UST HIST:

Facility ID:	29232		
Tank Num:	1	Container Num:	F.S. 1-2
Tank Capacity:	500	Year Installed:	1971
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	WILLIAM WEYANT	Telephone:	(213) 412-5333
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	FIRE STATION

Facility ID:	29232		
Tank Num:	2	Container Num:	F.S. 1-3
Tank Capacity:	200	Year Installed:	1971
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	WILLIAM WEYANT	Telephone:	(213) 412-5333
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	FIRE STATION

Facility ID:	29232		
Tank Num:	3	Container Num:	FS 1-1
Tank Capacity:	1000	Year Installed:	1971
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	WILLIAM WEYANT	Telephone:	(213) 412-5333
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	FIRE STATION

J46
SE
1/8-1/4
1211
Higher

QUALITY BUS MACH **HAZNET** **S103983157**
233 E HILLCREST BLVD **N/A**
INGLEWOOD, CA 90301

Site 3 of 5 in cluster J

QUALITY BUS MACH (Continued) **S103983157**

HAZNET:

Gepaid:	CAL000081282
Tepaid:	CAT000613935
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	0.5879
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	QUALITY BUS MACH
Telephone:	(000) 000-0000
Mailing Address:	233 E HILLCREST BLVD
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000081282
Tepaid:	CAT000613935
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.0834
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	QUALITY BUS MACH
Telephone:	(000) 000-0000
Mailing Address:	233 E HILLCREST BLVD
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000081282
Tepaid:	CAD093459485
Gen County:	Los Angeles
Tsd County:	Fresno
Tons:	.1376
Category:	Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Transfer Station
Contact:	QUALITY BUS MACH
Telephone:	(000) 000-0000
Mailing Address:	233 E HILLCREST BLVD
	INGLEWOOD, CA 90301
County	Los Angeles

Gepaid:	CAL000081282
Tepaid:	CAT000613893
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.1209
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Tank
Contact:	QUALITY BUS MACH
Telephone:	(000) 000-0000
Mailing Address:	233 E HILLCREST BLVD
	INGLEWOOD, CA 90301
County	Los Angeles

QUALITY BUS MACH (Continued) **S103983157**

Gepaid: CAL000081282
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .6378
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: QUALITY BUS MACH
Telephone: (000) 000-0000
Mailing Address: 233 E HILLCREST BLVD
INGLEWOOD, CA 90301
County Los Angeles

J47 **QUALITY BUSINESS MACHINES** **RCRIS-SQG** **1004676182**
SE **233 E HILCREST BLVD** **CAR000081935**
1/8-1/4 **INGLEWOOD, CA 90301**
1211
Higher **Site 4 of 5 in cluster J**

RCRIS:
Owner: HOCHSTEIN STEVE
(310) 330-4733
EPA ID: CAR000081935
Contact: ALEX ABDENNOUR
(310) 330-4733
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

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48 **B G BEDFORD DDS** **HAZNET** **S103642405**
SE **219 E HILLCREST BLVD** **N/A**
1/8-1/4 **INGLEWOOD, CA 90308**
1227
Higher

HAZNET:
Gepaid: CAL000162822
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0041
Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Contact: B G BEDFORD DDS
Telephone: (310) 671-6191
Mailing Address: PO BOX G LCREST BLVD
INGLEWOOD, CA 90308
County Los Angeles

B G BEDFORD DDS (Continued) **S103642405**

Gepaid: CAL000162822
Tepaid: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0166
Category: Unspecified aqueous solution
Disposal Method: Treatment, Tank
Contact: B G BEDFORD DDS
Telephone: (310) 671-6191
Mailing Address: PO BOX G LCREST BLVD
INGLEWOOD, CA 90308
County Los Angeles

Gepaid: CAL000162822
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0125
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: B G BEDFORD DDS
Telephone: (310) 671-6191
Mailing Address: PO BOX G LCREST BLVD
INGLEWOOD, CA 90308
County Los Angeles

Gepaid: CAL000162822
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0125
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: B G BEDFORD DDS
Telephone: (310) 671-6191
Mailing Address: PO BOX G LCREST BLVD
INGLEWOOD, CA 90308
County Los Angeles

Gepaid: CAL000162822
Tepaid: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.0166
Category: Unspecified aqueous solution
Disposal Method: Treatment, Tank
Contact: B G BEDFORD DDS
Telephone: (310) 671-6191
Mailing Address: PO BOX G LCREST BLVD
INGLEWOOD, CA 90308
County Los Angeles

K49 **FORMERLY JIM LYNCH CADILLAC** **CA FID UST** **S101584872**
NNE **200 N LA BREA** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1258
Higher **Site 1 of 2 in cluster K**

FORMERLY JIM LYNCH CADILLAC (Continued) **S101584872**

FID:

Facility ID:	19016496	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported 225 S BENTLEY AVE INGLEWOOD, CA 90301		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

K50 **INGLEWOOD REDEVELOPMENT AGENCY** **UST** **U003777451**
NNE **200 N LA BREA AVE** **N/A**
1/8-1/4 **INGLEWOOD, CA 90301**
1258
Higher **Site 2 of 2 in cluster K**

State UST:

Facility ID:	22141
Total Tanks:	1
Region:	STATE
Local Agency:	19000

J51 **USPS HILLCREST STATION** **FINDS** **1001486834**
SE **E HILLCREST BLVD** **RCRIS-LQG** **CAR000051821**
1/8-1/4 **INGLEWOOD, CA 90301** **HAZNET**
1272
Higher **Site 5 of 5 in cluster J**

RCRIS:

Owner:	UNITED STATES POSTAL SERVICE (562) 494-2313
EPA ID:	CAR000051821
Contact:	ENVIRONMENTAL MANAGER
Classification:	Large Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid:	CAR000051821
Tepaid:	AZC950823111
Gen County:	Los Angeles
Tsd County:	99
Tons:	176.988
Category:	Asbestos-containing waste
Disposal Method:	Not reported
Contact:	Not reported

USPS HILLCREST STATION (Continued) **1001486834**

Telephone: (000) 000-0000
Mailing Address: 300 E HILLCREST BLVD
INGLEWOOD, CA 90301 - 9998
County Los Angeles

Gepaid: CAR000051821
Tepaid: NVT330010000
Gen County: Los Angeles
Tsd County: 99
Tons: 33.712
Category: Other organic solids
Disposal Method: Disposal, Other
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 300 E HILLCREST BLVD
INGLEWOOD, CA 90301 - 9998
County Los Angeles

52
South
1/8-1/4
1274
Higher

125 W LIME ST
INGLEWOOD, CA 90301

CHMIRS **S100217959**
N/A

CHMIRS:

OES Control Number:	8908849	DOT ID:	1971
DOT Hazard Class:	Gases		
Chemical Name:	METHANE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	Air	Property Use:	Residential
Incident Date:	08-NOV-89	Date Completed:	08-NOV-89

53
ESE
1/8-1/4
1317
Higher

MORRIS HALFON MD INC
336 EAST HILLCREST BLVD
INGLEWOOD, CA 90301

HAZNET **S103978435**
N/A

HAZNET:
Gepaid: CAL000091402
Tepaid: CAL000013493
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0040
Category: Other inorganic solid waste
Disposal Method: Recycler
Contact: MORRIS HALFON MD
Telephone: (000) 000-0000
Mailing Address: 336 E HILLCREST BLVD STE 614
INGLEWOOD, CA 90301
County Los Angeles

54
West
1/4-1/2
1414
Lower

CHEVRON #9-3829
303 MANCHESTER BLVD W
INGLEWOOD, CA 90301

LUST **S101703784**
Cortese **N/A**
LOS ANGELES CO. HMS

CHEVRON #9-3829 (Continued) **S101703784**

State LUST:

Cross Street:	EUCALYPTUS		
Qty Leaked:	Not reported		
Case Number	I-09864		
Reg Board:	Los Angeles Region		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/16/1992		
Release Date:	10/12/1987		
Cleanup Fund Id :	Not reported		
Discover Date :	10/10/1987		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	11/5/1987		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Test		
How Stopped:	Remove Contents		
Interim :	Not reported		
Leak Cause:	Corrosion		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	YI KYONG HUN		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	7/16/1992		
Stop Date :	Not reported		
Work Suspended :	Not reported		
Responsible Party	CHEVRON USA		
RP Address:	PO BOX 2833, LA HABRA, CA 90632-2833		
Global Id:	T0603703496		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	0		
Water System Name:	INGLEWOOD, CITY OF		
Well Name:	WELL 26 - DESTROYED		
Distance To Lust:	1686.657884460246734068068776		

CHEVRON #9-3829 (Continued) **S101703784**

Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28M01 S

LUST Region 4:
Report Date: 10/12/1987
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-09864
Substance: Waste Oil
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-09864
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 010007-009864
Facility Type: T0
Permit Number: 00001193T
Permit Status: Permit
Facility Status: Permit
Area: 2E
Region: Los Angeles County:

55
WNW
1/4-1/2
1533
Lower

111 NORTH EUCALYPTUS AVENUE
INGLEWOOD, CA 90301

CHMIRS **S100277679**
N/A

CHMIRS:
OES Control Number: 9117202
DOT ID: 1971
DOT Hazard Class: Gases
Chemical Name: NATURAL GAS
Extent of Release: Not reported
CAS Number: Not reported
Quantity Released: 334575
Environmental Contamination: Air
Property Use: County/City Road
Incident Date: 06-MAY-91
Date Completed: 06-MAY-91

56
West
1/4-1/2
1703
Lower

7-11 #24142
345 MANCHESTER BLVD W
INGLEWOOD, CA 90305

LUST **S102423501**
Cortese **N/A**

State LUST:
Cross Street: INGLEWOOD
Qty Leaked: Not reported
Case Number I-10074
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Review Date: Not reported
Confirm Leak: Not reported

7-11 #24142 (Continued) **S102423501**

Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/23/1996		
Release Date:	6/26/1992		
Cleanup Fund Id :	Not reported		
Discover Date :	5/13/1992		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	7/1/1992		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	SOUTHLAND CORP		
Oversight Prgm:	RB Lead Underground Storage Tank		
Oversight Prgm :	UST		
Review Date :	8/28/1996		
Stop Date :	5/13/1992		
Work Suspended :	Not reported		
Responsible Party	SOUTHLAND CORP		
RP Address:	19033 W VALLEY HIGHWAY, SUITE D-104		C
Global Id:	T0603703567		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	1		
Water System Name:	INGLEWOOD, CITY OF		
Well Name:	WELL 26 - DESTROYED		
Distance To Lust:	1678.484209780513810707873046 8		
Waste Discharge Global ID:	W0603710051		
Waste Disch Assigned Name:	02S/14W-28M01 S		

LUST Region 4:

Report Date:	6/26/1992
Lead Agency:	Regional Board
Local Agency:	19000
Case Number:	I-10074
Substance:	Gasoline
Case Type:	Soil
Status:	Signed off, remedial action completed or deemed unnecessary
Region:	4
Staff:	Not reported

7-11 #24142 (Continued) **S102423501**

CORTESE:
Reg Id: I-10074
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

57
SSW
1/4-1/2
1726
Higher

125 W HILLCREST
INGLEWOOD, CA 90301

CHMIRS **S100278934**
N/A

CHMIRS:

OES Control Number:	8802504	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	METHYLENE BLUE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	100
Environmental Contamination:	Ground	Property Use:	Industrial, Utility
Incident Date:	10-AUG-88	Date Completed:	10-AUG-88

58
East
1/4-1/2
1927
Higher

SEARS AUTO CENTER (FORMER)
500 MANCHESTER BLVD E
INGLEWOOD, CA 90301

LUST
Cortese
S101296468
N/A

State LUST:

Cross Street:	SPRUCE AVE.		
Qty Leaked:	Not reported		
Case Number	I-09429		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/19/1996		
Release Date:	2/20/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	1/27/1987		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	4/24/1990		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		

SEARS AUTO CENTER (FORMER) (Continued) **S101296468**

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : WARFIELD
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 6/25/1997
Stop Date : 1/27/1987
Work Suspended :Not reported
Responsible PartySEARS ROEBUCK AND COMPANY
RP Address: DEPT 731 LP BSC36-20, MERCHANDISE GRP, CHICAGO IL 60684 D
Global Id: T0603703418
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 2172.102738906771169962341 3583
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 2/20/1990
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-09429
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-09429
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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59 North 1/4-1/2 2099 Higher

INGLEWOOD CAR WASH **LUST S105033745**
320 LA BREA AVE N **Cortese N/A**
INGLEWOOD, CA 90302 **LOS ANGELES CO. HMS**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number I-09755
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary

INGLEWOOD CAR WASH (Continued) **S105033745**

County: Los Angeles
Review Date: Not reported
Workplan: 4/23/1992
Pollution Char: 4/30/1996
Remed Action: Not reported
Close Date: 11/21/1996
Release Date: 4/27/1992
Cleanup Fund Id : Not reported
Discover Date : 6/6/1991
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 5/26/1992
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : LEE, JOO BOK
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 10/24/1996
Stop Date : 6/6/1991
Work Suspended : Not reported
Responsible Party INGLEWOOD CAR WASH
RP Address: 320 N. LA BREA AVE., INGLEWOOD CA 90302
Global Id: T0603703482
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 25 - DESTROYED
Distance To Lust: 1458.492737072242989296794 8344
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28F01 S

Confirm Leak: Not reported
Prelim Assess: 4/23/1992
Remed Plan: 4/30/1996
Monitoring: Not reported

LUST Region 4:
Report Date: 4/27/1992
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-09755
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4

INGLEWOOD CAR WASH (Continued) **S105033745**

Staff: Not reported

CORTESE:
Reg Id: I-09755
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 009909-009755
Facility Type: T0
Permit Number: 00001036T
Permit Status: Removed
Facility Status: Removed
Area: 2E
Region: Los Angeles County:

60
WNW
1/4-1/2
2122
Lower

437 WEST QUEEN STREET
INGLEWOOD, CA 90301

CHMIRS **S100220950**
N/A

CHMIRS:
OES Control Number: 9014494
DOT ID: 1971
DOT Hazard Class: Not Reported
Chemical Name: GAS, NATURAL
Extent of Release: Not reported
CAS Number: Not reported
Quantity Released: 0
Environmental Contamination: Air
Property Use: County/City Road
Incident Date: 19-OCT-90
Date Completed: 19-OCT-90

61
East
1/4-1/2
2152
Higher

SIMONS MINI MARKET
501 E MANCHESTER BLVD
INGLEWOOD, CA 90301

UST **U001563827**
HIST UST **N/A**
LUST
Cortese

State LUST:
Cross Street: HILLCREST BLVD
Qty Leaked: Not reported
Case Number I-13094
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Remediation plan developed
County: Los Angeles
Review Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 5/21/1999
Remed Plan: 5/21/1999
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 7/21/1994
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : 4/4/2000
Enf Type: Not reported
Enter Date : 11/3/1995
Funding: Not reported

SIMONS MINI MARKET (Continued) **U001563827**

Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 1/1/1965
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: 1C
Local Case # : Not reported
Beneficial: Not reported
Staff : MY
GW Qualifies : Not reported
Max MTBE Soil : 1300
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 12/24/2001
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyNASSER FARAHDEL
RP Address: Not reported
Global Id: T0603704034
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 2245.841756528931636485292090 5
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 7/21/1994
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-13094
Substance: Gasoline
Case Type: Soil
Status: Remediation plan developed
Region: 4
Staff: MY

CORTESE:
Reg Id: I-13094
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

UST HIST:
Facility ID: 20515
Tank Num: 1
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Container Num: 01
Year Installed: 1984
Tank Construction: Not reported

SIMONS MINI MARKET (Continued) **U001563827**

Contact Name:	NASSER FARAHDEL	Telephone:	(213) 673-7768
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported
Facility ID:	20515		
Tank Num:	2	Container Num:	03
Tank Capacity:	6000	Year Installed:	1984
Tank Used for:	PRODUCT		
Type of Fuel:	PREMIUM	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	NASSER FARAHDEL	Telephone:	(213) 673-7768
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported
Facility ID:	20515		
Tank Num:	3	Container Num:	02
Tank Capacity:	10000	Year Installed:	1984
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	NASSER FARAHDEL	Telephone:	(213) 673-7768
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported

State UST:

Facility ID:	13094
Total Tanks:	1
Region:	STATE
Local Agency:	19000

62
NW
1/4-1/2
2199
Higher

FAITHFUL CENTRAL BAPTIST CHURCH **CA SLIC** **S103878815**
321 EUCALYPTUS AVENUE **N/A**
INGLEWOOD, CA 90302

SLIC Region 4:

Facility Status:	0
Region:	4
SLIC	0858A
Staff:	Jenny Au
Substance:	TPH

63
NNW
1/4-1/2
2351
Higher

CITY OF INGLEWOOD MAINT. YARD **LUST** **S102360642**
222 BEACH AVE W **Cortese** **N/A**
INGLEWOOD, CA 90301 **SWF/LF**

State LUST:

Cross Street:	Not reported
Qty Leaked:	Not reported
Case Number	I-13733
Reg Board:	Los Angeles Region
Chemical:	Gasoline
Lead Agency:	Regional Board
Local Agency :	19000
Case Type:	Soil only
Status:	Signed off, remedial action completed or deemed unnecessary

CITY OF INGLEWOOD MAINT. YARD (Continued) **S102360642**

County: Los Angeles
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 5/6/1997
Release Date: 1/20/1988
Cleanup Fund Id : Not reported
Discover Date : 12/21/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 2/26/1988
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Test
How Stopped: Other Means
Interim : Not reported
Leak Cause: Overfill
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : CITY OF INGLEWOOD
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 6/19/1997
Stop Date : 12/21/1987
Work Suspended :Not reported
Responsible PartyCITY OF INGLEWOOD
RP Address: ONE MANCHESTER BLVD, INGLEWOOD CA 90301-1750
Global Id: T0603704094
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 25 - DESTROYED
Distance To Lust: 1156.837517333632332084083475
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28F01 S

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

LUST Region 4:
Report Date: 1/20/1988
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-13733
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4

CITY OF INGLEWOOD MAINT. YARD (Continued) **S102360642**

Staff: Not reported

LF:
Facility ID: 19-AA-0067
Operator: City Of Inglewood
Operator Phone: (213) 412-5510
Operator Addr: 222 W. Beach Avenue
Inglewood, CA 90302
Owner: City Of Inglewood
Owner Address: Not reported
222 W. Beach Avenue
Inglewood, CA 90302
Owner Telephone: (213) 412-5510
Activity: Large Volume Transfer/Proc Facility
Operator's Status: Active
Regulation Status: Permitted
Region: STATE
Lat/Long: 34 / -118
Permit Date: 3/29/95
Accepted Waste: Green Materials,Mixed municipal
Permitted Throughput with Units: 99
Permitted Throughput with Units: 99
Permitted Throughput with Units: 99
Actual Throughput with Units: Cu Yards/day
Actual Capacity with Units: 359
Permitted Capacity with Units: 359
Remaining Capacity with Units: Cubic Yards
Permitted Total Acreage: 8
Inspection Frequency: Monthly
Landuse Name: Industrial,Commercial
GIS Source: Map
Permit Status: Permitted
Category: Transfer/Processing
Unit Number: 01
Last Waste Tire Inspection Count : Not reported
Last Waste Tire Inspection Date: Not reported
Original Waste Tire Count: 75
Original Waste Tire Count Date: 2/20/98
Closure Date: / /
Closure Type: Not reported
Disposal Acreage: Not reported
Remaining Capacity: Not reported

CORTESE:
Reg Id: I-13733
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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64 **INGLEWOOD TOYOTA** **RCRIS-SQG** **1000282336**
SSE **700 S LA BREA AVE** **FINDS** **CAD981635915**
1/4-1/2 **INGLEWOOD, CA 90301** **CA FID UST**
2454 **HIST UST**
Higher **LUST**
Cortese

INGLEWOOD TOYOTA (Continued) **1000282336**

RCRIS:
Owner: TONY SCHWARTZ
(415) 555-1212
EPA ID: CAD981635915

Contact: ENVIRONMENTAL MANAGER
(213) 673-2280

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street:	TAMARACK AVE.		
Qty Leaked:	Not reported		
Case Number	I-09806		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	2/25/1992	Confirm Leak:	2/25/1992
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	6/30/1993		
Release Date:	2/25/1992		
Cleanup Fund Id :	Not reported		
Discover Date :	10/30/1991		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	3/31/1992		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		

INGLEWOOD TOYOTA (Continued) **1000282336**

Hydr Basin #: Not reported
Operator : SCHWARTZ, DAN
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 6/30/1993
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyTOYOTA OF INGLEWOOD
RP Address: 10511 SUNNINGDALE DR., RANCHO MIRAGE, 92270
Global Id: T0603703490
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 1358.642655122632352780131 3472
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 2/25/1992
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-09806
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-09806
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	19003459	Regulate ID:	00041686
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(818) 000-0000
Mail To:	Not reported 700 S LA BREA AVE INGLEWOOD, CA		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	41686		
Tank Num:	1	Container Num:	A-2
Tank Capacity:	500	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	12 gauge
Leak Detection:	Visual, None		
Contact Name:	NICK NEUMEYER	Telephone:	(213) 673-2280

INGLEWOOD TOYOTA (Continued) **1000282336**

Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	CAR DEALERSHIP
Facility ID:	41686		
Tank Num:	2	Container Num:	A-1
Tank Capacity:	3000	Year Installed:	1980
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	3/16 inches
Leak Detection:	Stock Inventor, None		
Contact Name:	NICK NEUMEYER	Telephone:	(213) 673-2280
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	CAR DEALERSHIP

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65 North 1/4-1/2 2490 Higher

SS #23552
435 LA BREA AVE N
INGLEWOOD, CA 90302

LUST S102437989
Cortese N/A

State LUST:

Cross Street:	IVY AVE		
Qty Leaked:	Not reported		
Case Number	R-10073		
Reg Board:	Los Angeles Region		
Chemical:	1		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	9/23/1993		
Release Date:	9/23/1993		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	4/17/1996		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		

SS #23552 (Continued) **S102437989**

Operator : SOUTHLAND CORP
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 9/23/1993
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party THE SOUTHLAND CORP
RP Address: P.O. BOX 2245 BREA CA 92622-2245
Global Id: T0603704902
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 25 - DESTROYED
Distance To Lust: 931.735864991136391715688323 6
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28F01 S

LUST Region 4:
Report Date: 9/23/1993
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-10073
Substance: 1
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: R-10073
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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66 **FAMILY OF FAITH CHURCH** **LUST** **S102429787**
NW **400 FLORENCE AVE W** **LOS ANGELES CO. HMS** **N/A**
1/4-1/2 **INGLEWOOD, CA 90301**
2589
Higher

State LUST:
Cross Street: FLOWER
Qty Leaked: Not reported
Case Number R-24034
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: 9/4/1996
Close Date: 1/13/1997
Release Date: 9/4/1996
Cleanup Fund Id : Not reported
Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: 9/4/1996

FAMILY OF FAITH CHURCH (Continued) **S102429787**

Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1/10/1997
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 12/5/1996
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party GILBERT KINOSHITA
RP Address: 2430 CHAPMAN AVE E, FULLERTON CA 92631
Global Id: T0603705429
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 26 - DESTROYED
Distance To Lust: 583.401553210084859852421759 36
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28M01 S

LUST Region 4:
Report Date: 9/4/1996
Lead Agency: Regional Board
Local Agency: 19000
Case Number: R-24034
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

HMS:
Facility Id: 017586-024034
Facility Type: Not reported
Permit Number: Not reported
Permit Status: Not reported
Facility Status: OPEN
Area: 2E
Region: Los Angeles County:

67
East
1/2-1
2661
Higher

706 EAST MANCHESTER BLVD
INGLEWOOD, CA 90301

CHMIRS **S100276434**
N/A

CHMIRS:

OES Control Number:	9099538	DOT ID:	Not reported
DOT Hazard Class:	Gases		
Chemical Name:	GAS, NATURAL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	1
Environmental Contamination:	Air	Property Use:	099
Incident Date:	17-SEP-90	Date Completed:	17-SEP-90

68
SSE
1/2-1
2764
Higher

ALLRIGHT SELF STORAGE
808 LA BREA AVE
INGLEWOOD, CA 90301

LUST **S102056935**
Cortese **N/A**
LOS ANGELES CO. HMS

State LUST:

Cross Street:	ARBOR VITAE		
Qty Leaked:	Not reported		
Case Number	R-14062		
Reg Board:	Los Angeles Region		
Chemical:	1		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Pollution characterization		
County:	Los Angeles		
Review Date:	3/1/1998	Confirm Leak:	3/1/1998
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	4/16/1998		
Cleanup Fund Id :	Not reported		
Discover Date :	4/16/1998		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	5/15/1998		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	1/1/1965		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	3A		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	RVJ		
GW Qualifies :	Not reported		
Max MTBE Soil :	1.6		
Soil Qualifies :	Not reported		

ALLRIGHT SELF STORAGE (Continued) **S102056935**

Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 9/5/2001
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyJ. ANTHONY KOUBA
RP Address: 1445 5TH ST.
Global Id: T0603705217
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 0
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 1485.07914697607946056637538 96
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 4/16/1998
Lead Agency: Regional Board
Local Agency: 19000
Case Number: R-14062
Substance: 1
Case Type: Soil
Status: Pollution characterization
Region: 4
Staff: Not reported

CORTESE:
Reg Id: R-14062
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 013655-014062
Facility Type: T1
Permit Number: 000214830 Permit Status: Removed
Facility Status: Removed Area: 2E
Region: Los Angeles County:

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69 North 1/2-1 2844 Higher **BUFFINGTON MOTORS** **LUST U002283062**
440 MARKET ST N **Cortese N/A**
INGLEWOOD, CA 90302

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number I-09766
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles

BUFFINGTON MOTORS (Continued) **U002283062**

Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	10/6/1989	Prelim Assess:	10/6/1989
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported

Close Date: 2/6/1995
Release Date: 4/27/1992
Cleanup Fund Id : Not reported
Discover Date : 10/6/1989
Enforcement Dt : 1/1/1965
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : 5/26/1992
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 2/6/1995
Stop Date : 10/6/1989
Work Suspended : Not reported
Responsible Party BUFFINGTON MOTORS
RP Address: 225 S. BENTLEY AVE., LOS ANGELES, 90049
Global Id: T0603703485
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 25 - DESTROYED
Distance To Lust: 804.474403739859635447159 8612
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28F01 S

LUST Region 4:
Report Date: 4/27/1992
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-09766
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4

BUFFINGTON MOTORS (Continued) **U002283062**

Staff: Not reported

CORTESE:
Reg Id: I-09766
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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70 **CHMIRS** **S100217776**
SSE **BUCKTHORNE/JAVA** **N/A**
1/2-1 **INGLEWOOD, CA 90301**
2913
Higher

CHMIRS:

OES Control Number:	8908129	DOT ID:	1971
DOT Hazard Class:	Gases		
Chemical Name:	METHANE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	Air	Property Use:	County/City Road
Incident Date:	26-SEP-89	Date Completed:	26-SEP-89

L71 **UNOCAL #5771** **LUST** **S102440065**
SSE **843 LA BREA AVE S** **Cortese** **N/A**
1/2-1 **INGLEWOOD, CA 90301** **LOS ANGELES CO. HMS**
2914
Higher **Site 1 of 2 in cluster L**

State LUST:

Cross Street:	ARBOR VITAE		
Qty Leaked:	Not reported		
Case Number	R-09879		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	12/21/1990	Prelim Assess:	12/21/1990
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/20/1998		
Release Date:	12/21/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	12/17/1990		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1/24/1991		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Repair Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		

UNOCAL #5771 (Continued) **S102440065**

Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : KANG, DAE YANG
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 7/20/1998
Stop Date : 12/17/1990
Work Suspended :Not reported
Responsible PartyUNOCAL
RP Address: Not reported
Global Id: T0603704872
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 1689.648743748269292169618639 1
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 12/21/1990
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-09879
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: R-09879
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 010022-024769
Facility Type: T0
Permit Number: 000190164 Permit Status: Permit
Facility Status: Permit Area: 2E
Region: Los Angeles County:

72
NNE
1/2-1
2957
Higher

336 EAST BEACH
INGLEWOOD, CA 90301

CHMIRS **S100277036**
N/A

(Continued) **S100277036**

CHMIRS:

OES Control Number:	9101058	DOT ID:	1760
DOT Hazard Class:	Corrosives		
Chemical Name:	FERROUS CHLORIDE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	500
Environmental Contamination:	Other	Property Use:	099
Incident Date:	29-NOV-91	Date Completed:	29-NOV-91

L73 **LINCOLN DISCOUNT TIRE** **LUST** **S105032802**
SSE **868 LA BREA AVE S** **Cortese** **N/A**
1/2-1 **INGLEWOOD, CA 90301** **LOS ANGELES CO. HMS**
3050
Higher **Site 2 of 2 in cluster L**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	I-14446		
Reg Board:	Los Angeles Region		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	1/10/1990	Monitoring:	1/10/1990
Close Date:	12/22/1992		
Release Date:	1/10/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	1/1/1965		
Enf Type:	222		
Enter Date :	1/22/1990		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	NALBANBIAN, STEVE		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		

LINCOLN DISCOUNT TIRE (Continued) **S105032802**

Oversight Prgm : LIA
Review Date : 12/22/1992
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party: LINCOLN DISCOUNT TIRE
RP Address: SAME AS ABOVE
Global Id: T0603704171
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 1667.597142545869203963155306 6
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 1/10/1990
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-14446
Substance: Waste Oil
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-14446
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 013972-014446
Facility Type: Not reported
Permit Number: Not reported
Permit Status: Not reported
Facility Status: Removed
Area: 2E
Region: Los Angeles County:

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74 North 1/2-1 3169 Higher

OMS #9
111 GROSVENOR ST
INGLEWOOD, CA 90302

RCRIS-SQG **1000100297**
FINDS **CAD981369119**
HAZNET
Cortese

RCRIS:
Owner: CALIFORNIA ARMY NATL GUARD
(415) 555-1212
EPA ID: CAD981369119

Contact: ENVIRONMENTAL MANAGER
(916) 920-6505

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

OMS #9 (Continued) **1000100297**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid:	CAD981369119
Tepaid:	CAD028409019
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.4587
Category:	Unspecified aqueous solution
Disposal Method:	Treatment, Tank
Contact:	CALIFORNIA MILITARY DEPT
Telephone:	(916) 854-3651
Mailing Address:	9800 GOETHE RD
	SACRAMENTO, CA 95827 - 3561
County	Los Angeles

Gepaid:	CAD981369119
Tepaid:	CAD980883177
Gen County:	Los Angeles
Tsd County:	Kern
Tons:	.1459
Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	CALIFORNIA MILITARY DEPT
Telephone:	(916) 854-3651
Mailing Address:	9800 GOETHE RD
	SACRAMENTO, CA 95827 - 3561
County	Los Angeles

Gepaid:	CAD981369119
Tepaid:	CAD980883177
Gen County:	Los Angeles
Tsd County:	Kern
Tons:	.4086
Category:	Waste oil and mixed oil
Disposal Method:	Not reported
Contact:	CALIFORNIA MILITARY DEPT
Telephone:	(916) 854-3651
Mailing Address:	9800 GOETHE RD
	SACRAMENTO, CA 95827 - 3561
County	Los Angeles

Gepaid:	CAD981369119
Tepaid:	CAD980883177
Gen County:	Los Angeles
Tsd County:	Kern
Tons:	.1959
Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Contact:	CALIFORNIA MILITARY DEPT
Telephone:	(916) 854-3651
Mailing Address:	9800 GOETHE RD
	SACRAMENTO, CA 95827 - 3561
County	Los Angeles

OMS #9 (Continued) **1000100297**

Gepaid: CAD981369119
Tepaid: CAT080011059
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1000
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: CALIFORNIA MILITARY DEPT
Telephone: (916) 854-3651
Mailing Address: 9800 GOETHE RD
SACRAMENTO, CA 95827 - 3561
County Los Angeles

The CA HAZNET database contains 73 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:
Reg Id: I-10101
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

75
WNW
1/2-1
3172
Same

FLORENCE / CEDAR
INGLEWOOD, CA 90301

CHMIRS **S100276263**
N/A

CHMIRS:

OES Control Number:	9092857	DOT ID:	1993
DOT Hazard Class:	Not Reported		
Chemical Name:	ALCOHOL BASED FLAMMABLE LIQUID		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	Air	Property Use:	Vacant Lot
Incident Date:	11-SEP-90	Date Completed:	11-SEP-90

76
NW
1/2-1
3279
Same

439 N. OAK ST
INGLEWOOD, CA 90301

CHMIRS **S100274927**
N/A

CHMIRS:

OES Control Number:	8906089	DOT ID:	1203
DOT Hazard Class:	Not Reported		
Chemical Name:	DIESEL FUEL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	65
Environmental Contamination:	Ground	Property Use:	Industrial, Utility
Incident Date:	15-MAY-89	Date Completed:	15-MAY-89

77
WNW
1/2-1
3311
Same

TRANSIT MIXED CONCRETE COMPANY
505 RAILROAD PL
INGLEWOOD, CA 90301

LUST **S102439207**
Cortese **N/A**

TRANSIT MIXED CONCRETE COMPANY (Continued) **S102439207**

State LUST:

Cross Street:	CEDAR		
Qty Leaked:	Not reported		
Case Number	I-12853		
Reg Board:	Los Angeles Region		
Chemical:	Diesel		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	11/8/1988	Prelim Assess:	11/8/1988
Pollution Char:	4/25/1991	Remed Plan:	4/25/1991
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	9/27/1996		
Release Date:	3/11/1988		
Cleanup Fund Id :	Not reported		
Discover Date :	2/29/1988		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	Not reported		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Other Means		
How Stopped:	Repair Piping		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Piping		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	MCCASKILL, EARL		
Oversight Prgm:	RB Lead Underground Storage Tank		
Oversight Prgm :	UST		
Review Date :	10/3/1995		
Stop Date :	Not reported		
Work Suspended :	Not reported		
Responsible Party	TRANSIT MIXED CONCRETE COMPANY		
RP Address:	4760 VALLEY BLVD, LOS ANGELES, CA 90032		
Global Id:	T0603704009		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	0		
Water System Name:	INGLEWOOD, CITY OF		

TRANSIT MIXED CONCRETE COMPANY (Continued) **S102439207**

Well Name: WELL 26 - DESTROYED
Distance To Lust: 1097.035867067310049618932742 4
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28M01 S

LUST Region 4:
Report Date: 3/11/1988
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-12853
Substance: Diesel
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-12853
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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78 North 1/2-1 3345 Higher **CENTINELA HOSPITAL MED. CTR.** **LUST S102056646**
622 LA BREA AVE N **Cortese N/A**
INGLEWOOD, CA 90301

State LUST:
Cross Street: MANCHESTER AVE
Qty Leaked: Not reported
Case Number R-12954
Reg Board: Los Angeles Region
Chemical: 1
Lead Agency: Local Agency
Local Agency : 19000
Case Type: Soil only
Status: Preliminary site assessment workplan submitted
County: Los Angeles
Abate Method: Vapor Extraction
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 6/24/1996
Cleanup Fund Id : Not reported
Discover Date : 5/30/1996
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 9/19/1996
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

CENTINELA HOSPITAL MED. CTR. (Continued) **S102056646**

Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : TUCKMAN, ERIC
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 6/24/1996
Stop Date : 9/27/1995
Work Suspended : Not reported
Responsible Party CENTINELA HOSPITAL MED. CTR.
RP Address: 555 E. HARDY ST., INGLEWOOD CA 90307
Global Id: T0603705172
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 1353.4088232729323865141886279
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 6/24/1996
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-12954
Substance: 1
Case Type: Soil
Status: Preliminary site assessment workplan submitted
Region: 4
Staff: Not reported

CORTESE:
Reg Id: R-12954
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

M79 **J.R. SIMPLOT, WESTERN REF** **Cortese** **S105024216**
NW **500 OAK** **N/A**
1/2-1 **INGLEWOOD, CA 90302**
3458
Same **Site 1 of 2 in cluster M**

CORTESE:
Reg Id: 3208
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

M80 **CALVERY CEMETERY** **Cortese** **S105024215**
NW **500 OAK** **N/A**
1/2-1 **INGLEWOOD, CA 90302**
3458
Same **Site 2 of 2 in cluster M**

CALVERY CEMETERY (Continued) **S105024215**

CORTESE:
Reg Id: 3150
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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81 SW 1/2-1 3597 Higher **CENTURY MOBIL** **LUST S102057567**
1244 INGLEWOOD AVE S **Cortese N/A**
INGLEWOOD, CA 90301 **LOS ANGELES CO. HMS**

State LUST:

Cross Street:	CENTURY BLVD		
Qty Leaked:	Not reported		
Case Number	R-13357		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Preliminary site assessment underway		
County:	Los Angeles		
Abate Method:	Other Means		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	8/10/1998	Prelim Assess:	8/10/1998
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	8/10/1998		
Cleanup Fund Id :	Not reported		
Discover Date :	7/30/1998		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/22/1999		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Other Means		
How Stopped:	Repair Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	8/10/1998		
Stop Date :	Not reported		

CENTURY MOBIL (Continued) **S102057567**

Work Suspended :Not reported
Responsible PartyBONAMI, INC.
RP Address: 1244 S. INGLEWOOD ST., INGLEWOOD, CA 90301
Global Id: T0603705192
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 5101.503913041380872086992217 1
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:
Report Date: 8/10/1998
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-13357
Substance: Gasoline
Case Type: Soil
Status: Preliminary site assessment underway
Region: 4
Staff: Not reported

CORTESE:
Reg Id: R-13357
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 013086-013357
Facility Type: T0
Permit Number: 00005048T
Permit Status: Permit
Facility Status: Permit
Area: 2E
Region: Los Angeles County:

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82 SSW 1/2-1 3602 Higher **76 PRODUCTS STATION #2156** **LUST S102590611**
400 ARBOR VITAE ST W **Cortese N/A**
INGLEWOOD, CA 90301

State LUST:
Cross Street: INGLEWOOD AVE
Qty Leaked: Not reported
Case Number R-09967
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 2/1/1996
Confirm Leak: 2/1/1996
Workplan: 5/1/1996
Prelim Assess: 5/1/1996
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported

76 PRODUCTS STATION #2156 (Continued) **S102590611**

Close Date: 6/27/1997
Release Date: 11/26/1996
Cleanup Fund Id : Not reported
Discover Date : 2/1/1996
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1/24/1997
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : 1/1/1965
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : 1.7
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 6/17/1997
Stop Date : 2/1/1996
Work Suspended : Not reported
Responsible Party TOSCO/76 PRODUCTS TEAM
RP Address: P.O. BOX 25376, SANTA ANA, CA 92799-5376
Global Id: T0603704884
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 21 - DESTROYED
Distance To Lust: 3880.881157975332273460284611
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-32F01 S

LUST Region 4:
Report Date: 11/26/1996
Lead Agency: Regional Board
Local Agency: 19000
Case Number: R-09967
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: R-09967
Region: CORTESE

76 PRODUCTS STATION #2156 (Continued) **S102590611**

Reg By: Leaking Underground Storage Tanks

83
West
1/2-1
3612
Lower

EXXON #7-4181
633 MANCHESTER BLVD W
INGLEWOOD, CA 90301

LUST **S101296471**
Cortese **N/A**

State LUST:

Cross Street:	ASH AVE		
Qty Leaked:	Not reported		
Case Number	I-11970		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	6/15/1990	Prelim Assess:	6/15/1990
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	1/19/1999		
Release Date:	7/18/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	6/15/1990		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	10/13/1990		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	1/1/1965		
Max MTBE GW :	52		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	3B		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JT		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	KIND, GARY		
Oversight Prgm:	RB Lead Underground Storage Tank		
Oversight Prgm :	UST		
Review Date :	8/9/1999		
Stop Date :	6/15/1990		
Work Suspended :	Not reported		
Responsible Party	EXXON CO. U.S.A.		
RP Address:	2300 CLAYTON RD, #640, CONCORD CA 94520		
Global Id:	T0603703886		
Org Name:	Not reported		
Contact Person:	Not reported		

EXXON #7-4181 (Continued) **S101296471**

MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 34 - DESTROYED
Distance To Lust: 2245.224676897506001807653077 4
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-32C02 S

LUST Region 4:
Report Date: 7/18/1990
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-11970
Substance: Gasoline
Case Type: Groundwater
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: JT

CORTESE:
Reg Id: I-11970
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

84
ESE
1/2-1
3702
Higher

601 S. PRAIRIE AVE.
INGLEWOOD, CA

CHMIRS **S100216959**
N/A

CHMIRS:
OES Control Number: 8905252 DOT ID: 1203
DOT Hazard Class: Flammable liquid
Chemical Name: GASOLINE
Extent of Release: Not reported
CAS Number: 8006-61-9 Quantity Released: 60
Environmental Contamination: Ground Property Use: Mercantile, Business
Incident Date: 14-MAR-89 Date Completed: 14-MAR-89

85
NNW
1/2-1
3951
Same

SPARLING BUICK
737 LA BREA AVE N
INGLEWOOD, CA 90301

LUST **S104159752**
Cortese **N/A**

State LUST:
Cross Street: HYDE PARK
Qty Leaked: Not reported
Case Number R-10849
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported

SPARLING BUICK (Continued) **S104159752**

Pollution Char: Not reported
Remed Action: 1/3/1996
Close Date: 7/19/1996
Release Date: 10/31/1995
Cleanup Fund Id : Not reported
Discover Date : 10/31/1995
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 11/29/1995
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : JEFF SPARLING
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 2/1/1996
Stop Date : 10/31/1995
Work Suspended :Not reported
Responsible PartySPARLING BUICK
RP Address: 123 CALLE BELLO, SANTA BARBARA CA 93108 D
Global Id: T0603704971
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: COUNTY WATERWORKS DISTRICT 1-A
Well Name: SLT WELL
Distance To Lust: 1538.52716290794665242735255 48
Waste Discharge Global ID: W0607900567
Waste Disch Assigned Name: 5000567-001GEN

Remed Plan: Not reported
Monitoring: 1/3/1996

LUST Region 4:
Report Date: 10/31/1995
Lead Agency: Regional Board
Local Agency: 19000
Case Number: R-10849
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:

SPARLING BUICK (Continued) **S104159752**

Reg Id: R-10849
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

86
ENE
1/2-1
3962
Higher

DANIEL FREEMAN MEMORIAL HOSP **1000249172**
333 N PRAIRIE AVE **CAD982483620**
INGLEWOOD, CA 90301

RCRIS-SQG
FINDS
UST
HIST UST
LUST
HAZNET
Cortese
LOS ANGELES CO. HMS

RCRIS:
Owner: HEALTH CARE CORP OF SSRS OF ST JOSEPH
(310) 674-7050
EPA ID: CAD982483620

Contact: DAN MC CLEAN
(310) 674-7050

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street:	GRACE		
Qty Leaked:	Not reported		
Case Number	R-11626		
Reg Board:	Los Angeles Region		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	9/28/1995	Prelim Assess:	9/28/1995
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	3/24/1998		
Release Date:	9/28/1995		
Cleanup Fund Id :	Not reported		
Discover Date :	9/20/1995		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	11/27/1995		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Other Means		
How Stopped:	Not reported		
Interim :	Not reported		

DANIEL FREEMAN MEMORIAL HOSP (Continued) **1000249172**

Leak Cause: Structure Failure
Leak Source: Piping
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : OLD CASE #112795-03
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 3/24/1998
Stop Date : 9/22/1995
Work Suspended : Not reported
Responsible Party DANIEL FREEMAN HOSPITAL
RP Address: 333 N. PRAIRIE AVE., INGLEWOOD, CA 90301
Global Id: T0603705057
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 25 - DESTROYED
Distance To Lust: 3819.140559710047489876492375 3
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-28F01 S

LUST Region 4:
Report Date: 9/28/1995
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-11626
Substance: Diesel
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

HAZNET:
Gepaid: CAD982483620
Tepaid: CAD990794133
Gen County: Los Angeles
Tsd County: San Joaquin
Tons: .8428
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: DANIEL FREEMAN MEMORIAL HOSP
Telephone: (000) 000-0000
Mailing Address: 333 N PRAIRIE AVE
INGLEWOOD, CA 90301 - 4501
County Los Angeles

DANIEL FREEMAN MEMORIAL HOSP (Continued) **1000249172**

Gepaid: CAD982483620
Tepaid: CAT080010101
Gen County: Los Angeles
Tsd County: San Diego
Tons: .0625
Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Contact: DANIEL FREEMAN MEMORIAL HOSP
Telephone: (000) 000-0000
Mailing Address: 333 N PRAIRIE AVE
INGLEWOOD, CA 90301 - 4501
County Los Angeles

Gepaid: CAD982483620
Tepaid: CAT080010101
Gen County: Los Angeles
Tsd County: San Diego
Tons: .0625
Category: Laboratory waste chemicals
Disposal Method: Treatment, Tank
Contact: DANIEL FREEMAN MEMORIAL HOSP
Telephone: (000) 000-0000
Mailing Address: 333 N PRAIRIE AVE
INGLEWOOD, CA 90301 - 4501
County Los Angeles

Gepaid: CAD982483620
Tepaid: CAT080010101
Gen County: Los Angeles
Tsd County: San Diego
Tons: .0100
Category: Liquids with pH <UN-> 2
Disposal Method: Treatment, Tank
Contact: DANIEL FREEMAN MEMORIAL HOSP
Telephone: (000) 000-0000
Mailing Address: 333 N PRAIRIE AVE
INGLEWOOD, CA 90301 - 4501
County Los Angeles

Gepaid: CAD982483620
Tepaid: CAT080010101
Gen County: Los Angeles
Tsd County: San Diego
Tons: .5250
Category: Paint sludge
Disposal Method: Transfer Station
Contact: DANIEL FREEMAN MEMORIAL HOSP
Telephone: (000) 000-0000
Mailing Address: 333 N PRAIRIE AVE
INGLEWOOD, CA 90301 - 4501
County Los Angeles

The CA HAZNET database contains 82 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:
Reg Id: R-11626
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

DANIEL FREEMAN MEMORIAL HOSP (Continued) **1000249172**

HMS:

Facility Id:	011577-036928		
Facility Type:	T0		
Permit Number:	000330825	Permit Status:	Permit
Facility Status:	Permit	Area:	2E
Region:	Los Angeles County:		

Facility Id:	011577-011626		
Facility Type:	T0		
Permit Number:	00003184T	Permit Status:	Closed
Facility Status:	Closed	Area:	2E
Region:	Los Angeles County:		

UST HIST:

Facility ID:	41191		
Tank Num:	1	Container Num:	TANK #1
Tank Capacity:	20000	Year Installed:	1977
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	DON WRIGHT, DIRECTOR OF ENG.	Telephone:	(213) 674-7050
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	DIESEL FUEL FOR BOIL

Facility ID:	41191		
Tank Num:	2	Container Num:	TANK #2
Tank Capacity:	10000	Year Installed:	1972
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	DON WRIGHT, DIRECTOR OF ENG.	Telephone:	(213) 674-7050
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	DIESEL FUEL FOR BOIL

Facility ID:	41191		
Tank Num:	3	Container Num:	TANK #3
Tank Capacity:	6000	Year Installed:	1979
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	DON WRIGHT, DIRECTOR OF ENG.	Telephone:	(213) 674-7050
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	DIESEL FUEL FOR BOIL

Facility ID:	41191		
Tank Num:	4	Container Num:	TANK #4
Tank Capacity:	10000	Year Installed:	1979
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	DON WRIGHT, DIRECTOR OF ENG.	Telephone:	(213) 674-7050
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	DIESEL FUEL FOR BOIL

State UST:

Facility ID:	11626
Total Tanks:	1
Region:	STATE

DANIEL FREEMAN MEMORIAL HOSP (Continued) **1000249172**

Local Agency: 19000

87
North
1/2-1
4035
Lower

220 E. HYDE PARK BL.
INGLEWOOD, CA 90302

CHMIRS **S100275572**
N/A

CHMIRS:

OES Control Number:	9000660	DOT ID:	1270
DOT Hazard Class:	Not Reported		
Chemical Name:	OIL, HYDRAULIC		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	40
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	09-MAR-90	Date Completed:	09-MAR-90

N88
West
1/2-1
4074
Lower

ASH / QUEEN
INGLEWOOD, CA 90301

Site 1 of 2 in cluster N

CHMIRS **S100277930**
N/A

CHMIRS:

OES Control Number:	9118235	DOT ID:	1971
DOT Hazard Class:	Not Reported		
Chemical Name:	NATURAL GAS		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	Air	Property Use:	County/City Road
Incident Date:	20-JUL-91	Date Completed:	20-JUL-91

N89
West
1/2-1
4074
Lower

QUEEN STREET/ASH
INGLEWOOD, CA 90301

Site 2 of 2 in cluster N

CHMIRS **S100220954**
N/A

CHMIRS:

OES Control Number:	9014508	DOT ID:	1971
DOT Hazard Class:	Gases		
Chemical Name:	GAS, NATURAL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	Air	Property Use:	County/City Road
Incident Date:	05-DEC-90	Date Completed:	05-DEC-90

90
East
1/2-1
4355
Higher

THE FORUM
3900 W MANCHESTER BLVD
INGLEWOOD, CA

CA FID UST **S101617745**
LUST **N/A**
Cortese
LOS ANGELES CO. HMS

State LUST:

THE FORUM (Continued) **S101617745**

Cross Street:	PRAIRIE BLVD.		
Qty Leaked:	Not reported		
Case Number	R-09447		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	2/23/1998		
Release Date:	2/25/1986		
Cleanup Fund Id :	Not reported		
Discover Date :	2/25/1986		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	12/31/1986		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Remove Contents		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Piping		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	COLLINS, ROBERT		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	2/23/1998		
Stop Date :	2/25/1986		
Work Suspended :	Not reported		
Responsible Party	GREAT WESTERN FORUM		
RP Address:	P.O. BOX 10, INGLEWOOD, CA 90306		
Global Id:	T0603704813		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	1		
Water System Name:	COUNTY WATERWORKS DISTRICT 1-A		
Well Name:	SLT WELL		
Distance To Lust:	2389.43724569052874096371373 56		
Waste Discharge Global ID:	W0607900567		

THE FORUM (Continued) **S101617745**

Waste Disch Assigned Name: 5000567-001GEN

LUST Region 4:
Report Date: 2/25/1986
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-09447
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: R-09447
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 009620-009447
Facility Type: T0
Permit Number: 00000538T
Permit Status: Permit
Facility Status: Permit
Area: 2E
Region: Los Angeles County:

O91 **CHMIRS** **S100275715**
West **I405 N/B AT THE MANCHESTER O/R** **N/A**
1/2-1 **INGLEWOOD, CA 90301**
4506
Higher **Site 1 of 2 in cluster O**

CHMIRS:
OES Control Number: 9010482 DOT ID: 2525
DOT Hazard Class: Not Reported
Chemical Name: ETHYL OXALATE-VALATILE AMINE
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 40
Environmental Contamination: Ground Property Use: Freeway
Incident Date: 23-APR-90 Date Completed: 23-APR-90

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92 **CHMIRS** **S100198041**
WNW **930 W HYDE PARK** **N/A**
1/2-1 **INGLEWOOD, CA 90302**
4542
Same

CHMIRS:
OES Control Number: 8804513 DOT ID: 1230
DOT Hazard Class: Not Reported
Chemical Name: ALCOHOL
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 1
Environmental Contamination: Air Property Use: Manufacturing
Incident Date: 30-DEC-88 Date Completed: 30-DEC-88

P93 **CHMIRS** **S100276253**
West **8425 SOUTH LA CIENEGA BLVD** **N/A**
1/2-1 **INGLEWOOD, CA 90301**
4610
Same **Site 1 of 2 in cluster P**

CHMIRS:

OES Control Number:	9090012	DOT ID:	1993
DOT Hazard Class:	Flammable liquid		
Chemical Name:	DIESEL FUEL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	27-MAR-90	Date Completed:	28-MAR-90

P94 **CHMIRS** **S100220571**
West **MANCHESTER / LA CIENEGA** **N/A**
1/2-1 **INGLEWOOD, CA 90301**
4610
Same **Site 2 of 2 in cluster P**

CHMIRS:

OES Control Number:	9013201	DOT ID:	1993
DOT Hazard Class:	Not Reported		
Chemical Name:	DIESEL FUEL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	80
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	27-SEP-90	Date Completed:	27-SEP-90

O95 **SOUTHERN CALIFORNIA EDISON** **CA FID UST** **S101584547**
West **8611 S LA CIENEGA BLVD** **LUST** **N/A**
1/2-1 **INGLEWOOD, CA** **Cortese**
4635 **LOS ANGELES CO. HMS**
Higher **Site 2 of 2 in cluster O**

State LUST:

Cross Street:	OLIVE ST		
Qty Leaked:	Not reported		
Case Number	I-10630		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	8/5/1996	Remed Plan:	8/5/1996
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	1/21/1997		
Release Date:	2/10/1994		
Cleanup Fund Id :	Not reported		
Discover Date :	1/24/1994		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/2/1995		

SOUTHERN CALIFORNIA EDISON (Continued) **S101584547**

Funding: Not reported
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Not reported
Interim : Not reported
Leak Cause: Unknown
Leak Source: Tank
MTBE Date : 1/1/1965
Max MTBE GW : ND
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JH
GW Qualifies : Not reported
Max MTBE Soil : ND
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 2/19/1997
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party SOUTHERN CALIFORNIA EDISON
RP Address: 2244 WALNUT GROVE AVE, ROSEMEAD, CA 91770
Global Id: T0603703639
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 34 - DESTROYED
Distance To Lust: 1068.511723695723260101023135 1
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-32C02 S

LUST Region 4:
Report Date: 2/10/1994
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-10630
Substance: Gasoline
Case Type: Groundwater
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-10630
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

SOUTHERN CALIFORNIA EDISON (Continued) **S101584547**

FID:

Facility ID:	19012672	Regulate ID:	00022208
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(818) 000-0000
Mail To:	Not reported 0 BOX INGLEWOOD, CA		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

HMS:

Facility Id:	010686-010630		
Facility Type:	T0		
Permit Number:	00004055T	Permit Status:	Removed
Facility Status:	Removed	Area:	2E
Region:	Los Angeles County:		

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96 West 1/2-1 4676 Lower

MOBIL #18-LEN
8307 LA CIENEGA BLVD S
INGLEWOOD, CA 90301

LUST Cortese **S104406587 N/A**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	I-09420		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Other ground water affected		
Status:	Remedial action (cleanup) in progress		
County:	Los Angeles		
Abate Method:	Remove Free Product - remove floating product from water table		
Review Date:	5/2/1990	Confirm Leak:	5/2/1990
Workplan:	12/1/1991	Prelim Assess:	12/1/1991
Pollution Char:	11/25/1994	Remed Plan:	11/25/1994
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	6/25/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	6/21/1990		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/12/1990		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Test		
How Stopped:	Other Means		
Interim :	Not reported		
Leak Cause:	Spill		
Leak Source:	Other Source		
MTBE Date :	1/1/1965		
Max MTBE GW :	150		

MOBIL #18-LEN (Continued) **S104406587**

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: 1B3
Local Case # : Not reported
Beneficial: Not reported
Staff : MY
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 1/8/2002
Stop Date : 6/21/1990
Work Suspended : Not reported
Responsible Party JOHNNY MEDRANO
RP Address: 3700 W. 190TH ST., TPT-2
Global Id: T0603703412
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 34 - DESTROYED
Distance To Lust: 1965.832371590114680197268994 4
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-32C02 S

LUST Region 4:
Report Date: 6/25/1990
Lead Agency: Regional Board
Local Agency: 19000
Case Number: I-09420
Substance: Gasoline
Case Type: Groundwater
Status: Remedial action (cleanup) in progress
Region: 4
Staff: MY

CORTESE:
Reg Id: I-09420
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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97 NE 1/2-1 4681 Higher **INGLEWOOD PARK CEMETERY** **LUST S105033740**
720 FLORENCE AVE E **HAZNET N/A**
INGLEWOOD, CA 90301 **Cortese**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number R-09767
Reg Board: Los Angeles Region
Chemical: 1
Lead Agency: Local Agency
Local Agency : 19000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary

INGLEWOOD PARK CEMETERY (Continued) **S105033740**

County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/30/1997		
Release Date:	7/30/1997		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	3/19/1998		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	7/30/1997		
Stop Date :	Not reported		
Work Suspended :	Not reported		
Responsible Party	INGLEWOOK PARK CEMETERY		
RP Address:	720 E. FLORENCE AVE, INGLEWOOD CA, 90301		
Global Id:	T0603704860		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	0		
Water System Name:	INGLEWOOD, CITY OF		
Well Name:	WELL 25 - DESTROYED		
Distance To Lust:	3335.98339699922192152824261 87		
Waste Discharge Global ID:	W0603710051		
Waste Disch Assigned Name:	02S/14W-28F01 S		

LUST Region 4:

Report Date:	7/30/1997
Lead Agency:	Local Agency
Local Agency:	19000
Case Number:	R-09767
Substance:	1
Case Type:	Soil
Status:	Signed off, remedial action completed or deemed unnecessary

INGLEWOOD PARK CEMETERY (Continued) **S105033740**

Region: 4
Staff: Not reported

HAZNET:

Gepaid: CAL000071470
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.6680
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: CORPORATION
Telephone: (310) 412-6551
Mailing Address: 720 E FLORENCE AVE
INGLEWOOD, CA 90301 - 1406
County Los Angeles

Gepaid: CAL000071470
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .4170
Category: Tank bottom waste
Disposal Method: Recycler
Contact: CORPORATION
Telephone: (310) 412-6551
Mailing Address: 720 E FLORENCE AVE
INGLEWOOD, CA 90301 - 1406
County Los Angeles

Gepaid: CAL000071470
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Contact: CORPORATION
Telephone: (310) 412-6551
Mailing Address: 720 E FLORENCE AVE
INGLEWOOD, CA 90301 - 1406
County Los Angeles

Gepaid: CAL000071470
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: :2293
Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: CORPORATION
Telephone: (310) 412-6551
Mailing Address: 720 E FLORENCE AVE
INGLEWOOD, CA 90301 - 1406
County Los Angeles

INGLEWOOD PARK CEMETERY (Continued) **S105033740**

Gepaid: CAL000071470
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2502
Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: CORPORATION
Telephone: (310) 412-6551
Mailing Address: 720 E FLORENCE AVE
INGLEWOOD, CA 90301 - 1406
County Los Angeles

CORTESE:
Reg Id: R-09767
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

98
SSW
1/2-1
4706
Higher

959 S. CEDAR AVE. (ALLEY REAR)
INGLEWOOD, CA 90301

CHMIRS **S100217574**
N/A

CHMIRS:

OES Control Number:	8907380	DOT ID:	1993
DOT Hazard Class:	Not Reported		
Chemical Name:	CARBURETOR CLEANER		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	100
Environmental Contamination:	Air	Property Use:	099
Incident Date:	09-AUG-89	Date Completed:	09-AUG-89

Q99
NNE
1/2-1
4878
Higher

420 E. HYDE PARK BLVD.
INGLEWOOD, CA

Site 1 of 2 in cluster Q

CHMIRS **S100215609**
N/A

CHMIRS:

OES Control Number:	8800505	DOT ID:	Not reported
DOT Hazard Class:	Miscellaneous hazardous material		
Chemical Name:	METHAMPHETAMINE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	None Reported	Property Use:	Mercantile, Business
Incident Date:	10-FEB-88	Date Completed:	10-FEB-88

100
South
1/2-1
4976
Higher

DELORME CHEVROLET
1175 LA BREA AVE S
INGLEWOOD, CA 90301

LUST **S105034993**
Cortese **N/A**
LOS ANGELES CO. HMS

State LUST:
Cross Street: Not reported

DELORME CHEVROLET (Continued) **S105034993**

Qty Leaked:	Not reported		
Case Number	I-12635		
Reg Board:	Los Angeles Region		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	3/28/1990		
Release Date:	11/8/1988		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	3/28/1990		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	3/28/1990		
Stop Date :	Not reported		
Work Suspended :	Not reported		
Responsible Party	DELORME CHEVROLET		
RP Address:	1175 LA BREA AVE., S., INGLEWOOD, 90301		
Global Id:	T0603703988		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	0		
Water System Name:	COUNTY WATERWORKS DISTRICT 1-A		
Well Name:	SLT WELL		
Distance To Lust:	3216.92707761919693421517136472		
Waste Discharge Global ID:	W0607900567		
Waste Disch Assigned Name:	5000567-001GEN		

DELORME CHEVROLET (Continued) **S105034993**

LUST Region 4:
Report Date: 11/8/1988
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-12635
Substance: Waste Oil
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: I-12635
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 012482-012635
Facility Type: T0
Permit Number: 00004466T
Permit Status: Removed
Facility Status: Removed
Area: 2E
Region: Los Angeles County:

Q101
NNE
1/2-1
4989
Higher

ABACUS ROOF CORP **Cortese** **S104159751**
715 CENTINELA AVE **N/A**
INGLEWOOD, CA 90302

Site 2 of 2 in cluster Q

CORTESE:
Reg Id: I-11205
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

102
North
1/2-1
5109
Higher

WORLD OIL MARKETING COMPANY **HAZNET** **S103670960**
740 CENTINELA **Cortese** **N/A**
INGLEWOOD, CA 90302

HAZNET:
Gepaid: CAD981160401
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .5212
Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: WORLD OIL MARKETING COMPANY
Telephone: (562) 928-0100
Mailing Address: 9302 S GARFIELD AVE
SOUTH GATE, CA 90280 - 1966
County Los Angeles

WORLD OIL MARKETING COMPANY (Continued) **S103670960**

Gepaid: CAD981160401
Tepaid: AZC950823111
Gen County: Los Angeles
Tsd County: 99
Tons: .0842
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: WORLD OIL MARKETING COMPANY
Telephone: (562) 928-0100
Mailing Address: 9302 S GARFIELD AVE
SOUTH GATE, CA 90280 - 1966
County Los Angeles

Gepaid: CAD981160401
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 5.0040
Category: Tank bottom waste
Disposal Method: Recycler
Contact: WORLD OIL MARKETING COMPANY
Telephone: (562) 928-0100
Mailing Address: 9302 S GARFIELD AVE
SOUTH GATE, CA 90280 - 1966
County Los Angeles

CORTESE:
Reg Id: R-10636
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

R103 **CHMIRS** **S100219248**
West **901 W MANCHESTER** **N/A**
1/2-1 **INGLEWOOD, CA 90301**
5124
Same **Site 1 of 2 in cluster R**

CHMIRS:

OES Control Number:	9000308	DOT ID:	1993
DOT Hazard Class:	Flammable liquid		
Chemical Name:	DIESEL FUEL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	75
Environmental Contamination:	Ground	Property Use:	Private Road
Incident Date:	22-FEB-90	Date Completed:	23-FEB-90

R104 **CHMIRS** **S100221470**
West **900 W. MANCHESTER** **N/A**
1/2-1 **INGLEWOOD, CA 90301**
5128
Same **Site 2 of 2 in cluster R**

(Continued) **S100221470**

CHMIRS:

OES Control Number:	9099454	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	OIL AND SOLVENT		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	5
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	22-AUG-90	Date Completed:	22-AUG-90

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105 West 1/2-1 5152 Higher **AIRPORT BUSINESS CENTER** **LUST S100683505**
315 GLASGOW AVE S **Cortese N/A**
INGLEWOOD, CA 90301 **LOS ANGELES CO. HMS**

State LUST:

Cross Street:	OLIVE ST		
Qty Leaked:	Not reported		
Case Number	903010025		
Reg Board:	Los Angeles Region		
Chemical:	Waste Oil		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	9/17/1990	Prelim Assess:	9/17/1990
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	10/4/1996		
Release Date:	9/17/1990		
Cleanup Fund Id :	Not reported		
Discover Date :	8/15/1990		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	11/29/1990		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		

AIRPORT BUSINESS CENTER (Continued) **S100683505**

Operator : PENCE, J. BLAIR
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 2/24/1992
Stop Date : 8/15/1990
Work Suspended :Not reported
Responsible PartyAIRPORT BUSINESS CENTER ASSOC.
RP Address: 10201 S LA CIENEGA BLVD, LOS ANGELES, CA 90045
Global Id: T0603701357
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: INGLEWOOD, CITY OF
Well Name: WELL 34 - DESTROYED
Distance To Lust: 528.60417797056198716840191759
Waste Discharge Global ID: W0603710051
Waste Disch Assigned Name: 02S/14W-32C02 S

LUST Region 4:
Report Date: 9/17/1990
Lead Agency: Regional Board
Local Agency: 19000
Case Number: 903010025
Substance: Waste Oil
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

CORTESE:
Reg Id: 903010025
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

HMS:
Facility Id: 014924-015751
Facility Type: Not reported
Permit Number: Not reported
Permit Status: Not reported
Facility Status: Removed
Area: 2E
Region: Los Angeles County:

---

106 West 1/2-1 5231 Same

TIRE WORLD (FORMER ARCO) **LUST S103437992**
920 MANCHESTER BLVD W **HAZNET N/A**
INGLEWOOD, CA 90301 **Cortese**

State LUST:
Cross Street: GLASGLOW
Qty Leaked: Not reported
Case Number I-15600
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Preliminary site assessment underway
County: Los Angeles
Review Date: Not reported
Confirm Leak: Not reported

TIRE WORLD (FORMER ARCO) (Continued) **S103437992**

Workplan:	9/25/1991	Prelim Assess:	9/25/1991
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	9/25/1991		
Cleanup Fund Id :	Not reported		
Discover Date :	8/6/1991		
Enforcement Dt :	10/4/2000		
Enf Type:	Not reported		
Enter Date :	12/19/1991		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	3A		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CEC		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	JAE LEE		
Oversight Prgm:	RB Lead Underground Storage Tank		
Oversight Prgm :	UST		
Review Date :	10/18/1991		
Stop Date :	8/6/1991		
Work Suspended :	Not reported		
Responsible Party	FRANK LAMANNA		
RP Address:	717 STRAND ST., #4		
Global Id:	T0603704332		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	1		
Water System Name:	INGLEWOOD, CITY OF		
Well Name:	WELL 34 - DESTROYED		
Distance To Lust:	731.541403100137580223518245 47		
Waste Discharge Global ID:	W0603710051		
Waste Disch Assigned Name:	02S/14W-32C02 S		

LUST Region 4:

Report Date:	9/25/1991
Lead Agency:	Regional Board
Local Agency:	19000
Case Number:	I-15600
Substance:	Gasoline
Case Type:	Soil
Status:	Preliminary site assessment underway
Region:	4
Staff:	CEC

TIRE WORLD (FORMER ARCO) (Continued) **S103437992**

HAZNET:

Gepaid:	CAL000075120
Tepaid:	CAT000613935
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	0.0417
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	LAMANNA FRANK
Telephone:	(000) 000-0000
Mailing Address:	920 W MANCHESTER BLVD
	INGLEWOOD, CA 90301 - 1527
County	Los Angeles

Gepaid:	CAL000075120
Tepaid:	CAT000613893
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	.1208
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	LAMANNA FRANK
Telephone:	(000) 000-0000
Mailing Address:	920 W MANCHESTER BLVD
	INGLEWOOD, CA 90301 - 1527
County	Los Angeles

CORTESE:

Reg Id:	I-15600
Region:	CORTESE
Reg By:	Leaking Underground Storage Tanks

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
1998	CONCORD CLEANERS	113 E MANCHESTER BLVD	INGLEWOOD	CA	NNE	< 1/8	Higher	
1960	DURYER'S SHELL SERVICE	201 S LA BREA	INGLEWOOD	CA	ENE	< 1/8	Higher	
1960	FINLEY E H SERVICE STATION	202 E MANCHESTER	INGLEWOOD	CA	ENE	< 1/8	Higher	
1960	GOSS BOB TEXACO SERVICE	145 W MANCHESTER BLVD	INGLEWOOD	CA	WNW	< 1/8	Higher	
1960	MOORE'S BILL WILSHIRE SERVICE	106 E MANCHESTER	INGLEWOOD	CA	North	< 1/8	Higher	
1960	O'CONNER'S UNION OIL STATION	145 E MANCHESTER BLVD	INGLEWOOD	CA	NE	< 1/8	Higher	
1998	PARK LANE CLEANERS	253 S LA BREA AVE	INGLEWOOD	CA	East	< 1/8	Higher	
1998	SPARKLING CLEANERS	320 S LA BREA AVE	INGLEWOOD	CA	SE	< 1/8	Higher	
1960	SPARKLING CLEANERS	320 S LA BREA AVE	INGLEWOOD	CA	SE	< 1/8	Higher	
1998	SPARKLING DE LUXE CLEANERS	320 S LA BREA AVE	INGLEWOOD	CA	SE	< 1/8	Higher	
1964	SPARKLNG CLEANERS	320 S LA BREA AVE	INGLEWOOD	CA	SE	< 1/8	Higher	
1964	AIRLINE DELUXE CLEANERS	104 S LA BREA AVE	INGLEWOOD	CA	NE	1/8-1/4	Higher	
1960	AIRLINE DELUXE CLEANERS	104 S LA BREA AVE	INGLEWOOD	CA	NE	1/8-1/4	Higher	
1964	DELUXE CLEANERS & DYERS	104 S LA BREA AVE	INGLEWOOD	CA	NE	1/8-1/4	Higher	
1960	DELUXE CLEANERS & DYERS	104 S LA BREA AVE	INGLEWOOD	CA	NE	1/8-1/4	Higher	
1964	GIL'S CLEANERS	312 E QUEEN ST	INGLEWOOD	CA	ENE	1/8-1/4	Higher	
1960	GIL'S CLEANERS	312 E QUEEN	INGLEWOOD	CA	ENE	1/8-1/4	Higher	
1960	GRAY'S LAUNDERALL	146 1/2 N LA BREA AVE	INGLEWOOD	CA	NNE	1/8-1/4	Higher	
1960	HUNT RAY CHEVRON SERVICE	400 S MARKET	INGLEWOOD	CA	SE	1/8-1/4	Higher	
1960	JOHNSON BROS FLYING A SERVICE	425 S MARKET	INGLEWOOD	CA	SE	1/8-1/4	Higher	
1998	QUALITY CLEANING & LAUNDRY	237 W MANCHESTER BLVD	INGLEWOOD	CA	West	1/8-1/4	Higher	
1960	RPM CLEANERS	212 E REGENT	INGLEWOOD	CA	NNE	1/8-1/4	Higher	
1964	WARREN'S CLEANERS	237 W MANCHESTER BLVD	INGLEWOOD	CA	West	1/8-1/4	Higher	
1960	WARREN'S DRY CLEANERS	237 W MANCHESTER BLVD	INGLEWOOD	CA	West	1/8-1/4	Higher	
N/A	INGLEWOOD WATER AND GAS CO.	NORTHEAST OF THE INTERSECTION OF GOLDEN AVE. AND INGLEWOOD		CA	NNE	1/2-1	Higher	LOS ANGELES COUNTY

COAL GAS SITE DESCRIPTION: 1912 Inglewood Water and Gas Co. is located north of Torrence Ave. and the Atch nd Sante Fe RR, East of Centinella Ave., South of Warren Lane. Site is south of gh. By 1923, site is occupied by Inglewood City Water Works.

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City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
INGLEWOOD	S103635016	CITY INGLEWOOD	167 / 155 W. ALBORVITAE ST	90301	HAZNET	CAC001213424
INGLEWOOD	S103956994	CITY OF INGLEWOOD/REDEVELOPMENT AGENT	359, 401, 403 GLASGOW	90301	HAZNET	CAC001170232
INGLEWOOD	1003878626	DOW CHEMICAL CO INGLEWOOD	5855 W CENTINELA	90301	CERC-NFRAP	
INGLEWOOD	S103546941	CHEVRON - INGLEWOOD OIL FIELD	LA CIENEGA BOULEVARD	90301	CA SLIC	
INGLEWOOD	S103980475	PACESETTER PRINTING	9920 LA CIENEGA BLVD STE 109	90301	HAZNET	CAL000065991
INGLEWOOD	S103990797	THE CARLSON COMPANY	9920 LA CIENEGA BLVD STE 705	90301	HAZNET	CAC001267528
INGLEWOOD	90465973	CORNER OF 160TH AND INGLEWOOD AVE.	CORNER OF 160TH AND INGLEWOOD AVE.		ERNS	
INGLEWOOD	90183593	CORNER OF 160TH AND INGLEWOOD AVE.	CORNER OF 160TH AND INGLEWOOD AVE.		ERNS	
INGLEWOOD	S103956992	CITY OF INGLEWOOD - HOLLYWOOD PARK RACE	GATE 7A-WEST 90TH ST	90301	HAZNET	CAH777001096
INGLEWOOD	S102792568	INGLEWOOD UNIFIED SCHOOL DISTRICT	HIGHLANDS ELEMENTARY SCHOOL	90301	HAZNET	CAC000720504
INGLEWOOD	S103631731	HILLCREST APARTMENTS	150-154 HILLCREST BLVD		HAZNET	CAP400479815
INGLEWOOD	8712315	INGLEWOOD LEASE(DRILLING)	INGLEWOOD LEASE(DRILLING)		ERNS	
INGLEWOOD	S105036952	INGLEWOOD OIL FIELD	INGLEWOOD OIL FIELD	90301	CA WDS	4B192041001
INGLEWOOD	S103956169	CHIEF AUTO PARTS #29886	1295 SOUTH LA BREA #101	90301	HAZNET	CAL921364767
INGLEWOOD	S103974093	LACY 20, LLC	9920 SO LA CIENEGA BLVD STE 705	90301	HAZNET	CAC001486464
INGLEWOOD	S104569018	CHIEFS AUTO PARTS SHOPPING CENTER	1295 SO LA BREA	90301	HAZNET	CAC001490848
INGLEWOOD	S103969991	INSTANT PRINT OF INGLEWOOD	425 MANCHESTER BLVD.	90301	HAZNET	CAL000196661
INGLEWOOD	1000282066	7-ELEVEN STORE #2163/24142	345 MANCHESTER	90301	HIST UST	
INGLEWOOD	S104577157	JAPANESE AUTO TECH	843 WEST MANCHESTER AVE	90301	HAZNET	CAL000071472
INGLEWOOD	S104574044	EQUILON ENTERPRISES LLC	1135 W MANCHESTER/FLORENCE	90301	HAZNET	CAD981158660
INGLEWOOD	S104576540	SHELL STATION	1135 W MANCHESTER/FLORENCE	90301	HAZNET	CAL000055453
INGLEWOOD	1003878499	PUREX CORP	MINES FLD	90301	CERC-NFRAP	
INGLEWOOD,	S105167673	425 ISIS AVENUE, INGLEWOOD, CA	425 IRIS AVENUE	90301	Ind. Haz Waste	
INGLEWOOD,	S105167426	425 ISIS AVENUE, INGLEWOOD, CA	425 IRIS AVENUE	90301	Ind. Haz Waste	
INGLEWOOD,	S105167178	425 ISIS AVENUE, INGLEWOOD, CA	425 IRIS AVENUE	90301	Ind. Haz Waste	
LOS ANGELES COUNTY	S104889769	LLANO ILLEGAL DISPOSAL SITE	1 MILE SOUTH OF HWY 138 @ 190TH ST EAST		SWF/LF	19-AA-5692

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
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: 01/29/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 02/04/02

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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 01/17/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 02/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
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: 11/21/01
Date Made Active at EDR: 02/04/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01
Elapsed ASTM days: 40
Date of Last EDR Contact: 03/25/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 11/21/01
Date Made Active at EDR: 02/04/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 12/26/01
Elapsed ASTM days: 40
Date of Last EDR Contact: 03/25/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01
Date Made Active at EDR: 01/14/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 11/14/01
Elapsed ASTM days: 61
Date of Last EDR Contact: 03/11/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 12/01/01
Date Made Active at EDR: 04/08/02
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 63
Date of Last EDR Contact: 03/04/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Varies
Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 02/01/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
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: 12/31/99
Database Release Frequency: Biennially
Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
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: N/A
Database Release Frequency: Varies
Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: NTIS
Telephone: 703-416-0223
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: 09/30/00
Database Release Frequency: Annually

Date of Last EDR Contact: 04/09/02
Date of Next Scheduled EDR Contact: 07/08/02

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
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: 01/29/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02
Date of Next Scheduled EDR Contact: 05/06/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
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: 10/29/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4526
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
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: 02/14/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 12/14/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/26/02
Date of Next Scheduled EDR Contact: 05/27/02

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-260-3936
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: 12/01/01
Database Release Frequency: Annually

Date of Last EDR Contact: 02/12/02
Date of Next Scheduled EDR Contact: 05/13/02

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
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: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
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: 01/11/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 01/14/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/08/00
Date Made Active at EDR: 03/02/01
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/31/01
Elapsed ASTM days: 30
Date of Last EDR Contact: 02/04/02

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
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.

Date of Government Version: 10/01/00
Date Made Active at EDR: 11/22/00
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 10/30/00
Elapsed ASTM days: 23
Date of Last EDR Contact: 04/12/02

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94
Date Made Active at EDR: 04/24/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 03/13/95
Elapsed ASTM days: 42
Date of Last EDR Contact: 03/01/02

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-445-6532
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: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: Varies
Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 01/28/02

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 04/22/02

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/04/02

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
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: 03/15/02
Date Made Active at EDR: 04/16/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/18/02
Elapsed ASTM days: 29
Date of Last EDR Contact: 03/18/02

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/12/02

LUST: Leaking Underground Storage Tank Information System
Source: State Water Resources Control Board
Telephone: 916-341-5740
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.

Date of Government Version: 01/17/02
Date Made Active at EDR: 02/12/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 01/21/02
Elapsed ASTM days: 22
Date of Last EDR Contact: 04/12/02

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
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: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities
Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/17/02
Date Made Active at EDR: 02/12/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 01/21/02
Elapsed ASTM days: 22
Date of Last EDR Contact: 04/16/02

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
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: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5700
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: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-227-4382
Registered Aboveground Storage Tanks.

Date of Government Version: 02/27/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 02/04/02
Date of Next Scheduled EDR Contact: 05/06/02

CLEANERS: Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-225-0873
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: 03/18/02
Database Release Frequency: Annually
Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 03/18/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/19/02
Date of Next Scheduled EDR Contact: 06/24/02

DEED: List of Deed Restrictions
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 02/11/02
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/11/02
Date of Next Scheduled EDR Contact: 07/08/02

HAZNET: Hazardous Waste Information System
Source: California Environmental Protection Agency
Telephone: 916-255-1136
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.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 02/12/02
Date of Next Scheduled EDR Contact: 05/13/02

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/28/02
Date of Next Scheduled EDR Contact: 04/29/02

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 12/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/28/02
Date of Next Scheduled EDR Contact: 04/29/02

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/04/02
Date of Next Scheduled EDR Contact: 06/03/02

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
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: 01/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/12/02
Date of Next Scheduled EDR Contact: 05/13/02

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 03/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/04/02
Date of Next Scheduled EDR Contact: 06/03/02

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 11/09/99
Database Release Frequency: Varies

Date of Last EDR Contact: 02/20/02
Date of Next Scheduled EDR Contact: 05/20/02

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 03/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/02
Date of Next Scheduled EDR Contact: 05/20/02

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 10/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 02/25/02
Date of Next Scheduled EDR Contact: 05/27/02

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 11/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/02
Date of Next Scheduled EDR Contact: 05/20/02

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 08/31/99
Database Release Frequency: Varies

Date of Last EDR Contact: 02/18/02
Date of Next Scheduled EDR Contact: 05/20/02

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/02
Date of Next Scheduled EDR Contact: 05/20/02

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 02/18/02
Date of Next Scheduled EDR Contact: 05/20/02

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-744-2407
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 03/06/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/04/02
Date of Next Scheduled EDR Contact: 05/06/02

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/01/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02
Date of Next Scheduled EDR Contact: 06/10/02

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02
Date of Next Scheduled EDR Contact: 06/10/02

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 03/12/02
Date of Next Scheduled EDR Contact: 06/10/02

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/31/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/05/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 03/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 01/15/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02
Date of Next Scheduled EDR Contact: 05/06/02

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/15/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02
Date of Next Scheduled EDR Contact: 05/06/02

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
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: 01/02/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02
Date of Next Scheduled EDR Contact: 06/10/02

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 02/25/02
Date of Next Scheduled EDR Contact: 05/27/02

Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
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: 12/25/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/02
Date of Next Scheduled EDR Contact: 07/08/02

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02
Date of Next Scheduled EDR Contact: 06/10/02

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02
Date of Next Scheduled EDR Contact: 06/10/02

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 12/06/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/28/02
Date of Next Scheduled EDR Contact: 04/29/02

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/15/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/15/02
Date of Next Scheduled EDR Contact: 07/15/02

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 01/03/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 06/13/00
Database Release Frequency: Annually

Date of Last EDR Contact: 03/12/02
Date of Next Scheduled EDR Contact: 06/10/02

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 01/02/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 01/02/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 11/29/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/29/02
Date of Next Scheduled EDR Contact: 04/29/02

SUTTER COUNTY:

Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 04/02/01
Database Release Frequency: Annually

Date of Last EDR Contact: 02/25/02
Date of Next Scheduled EDR Contact: 05/27/02

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/24/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/24/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/02
Date of Next Scheduled EDR Contact: 07/15/02

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
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: 02/19/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 03/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
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: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/25/02
Date of Next Scheduled EDR Contact: 05/27/02

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 12/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/02
Date of Next Scheduled EDR Contact: 07/15/02

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 11/19/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/18/02
Date of Next Scheduled EDR Contact: 05/20/02

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 01/02/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 04/12/02
Date of Next Scheduled EDR Contact: 07/08/02

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 01/02/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/08/02

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 01/02/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 01/23/02
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

LUST REG 8: Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498
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: 07/23/01
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 02/12/02
Date of Next Scheduled EDR Contact: 05/13/02

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
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: 03/01/01
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 03/01/02
Date of Next Scheduled EDR Contact: 05/27/02

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 12/01/01
Database Release Frequency: Quarterly
Date of Last EDR Contact: 04/16/02
Date of Next Scheduled EDR Contact: 07/15/02

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/19/02
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/18/02
Date of Next Scheduled EDR Contact: 05/20/02

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/13/01
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/28/02
Date of Next Scheduled EDR Contact: 04/29/02

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 01/02/02
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/12/02
Date of Next Scheduled EDR Contact: 07/08/02

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 07/19/01
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 07/31/01
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/10/02
Date of Next Scheduled EDR Contact: 07/08/02

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 03/01/02
Database Release Frequency: Annually
Date of Last EDR Contact: 03/04/02
Date of Next Scheduled EDR Contact: 06/03/02

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on–site as a cleaning solvent and sites that function simply as drop–off and pick–up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

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.

Oil/Gas Pipelines/Electrical Transmission Lines: 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 and electrical transmission lines.

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.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

INGLEWOOD HIGH SCHOOL
231 SOUTH GREVILLEA AVENUE
INGLEWOOD, CA 90301

TARGET PROPERTY COORDINATES

Latitude (North):	33.961300 - 33° 57' 40.7"
Longitude (West):	118.355003 - 118° 21' 18.0"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	374804.7
UTM Y (Meters):	3758497.8

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2433118-H3 INGLEWOOD, CA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General West

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

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: 0650360000A / CBNP

Additional Panels in search area: 0601370085C / CBPP
0601370090C / CBPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
INGLEWOOD	Not Available

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:	2.0 miles
Status:	Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

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		

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:	Tertiary
Series:	Eocene
Code:	Te *(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.

* ©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

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

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
sand
gravelly - sand
fine sandy loam
fine sand

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
sand
gravelly - sand
fine sandy loam
fine sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
sand
silty clay

Deeper Soil Types:
gravelly - sandy loam
sandy loam

stratified
very gravelly - sandy loam
weathered bedrock
silty clay loam
gravelly - fine sandy loam
clay loam
sand
very fine sandy loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater 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
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CA1910051	1/8 - 1/4 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

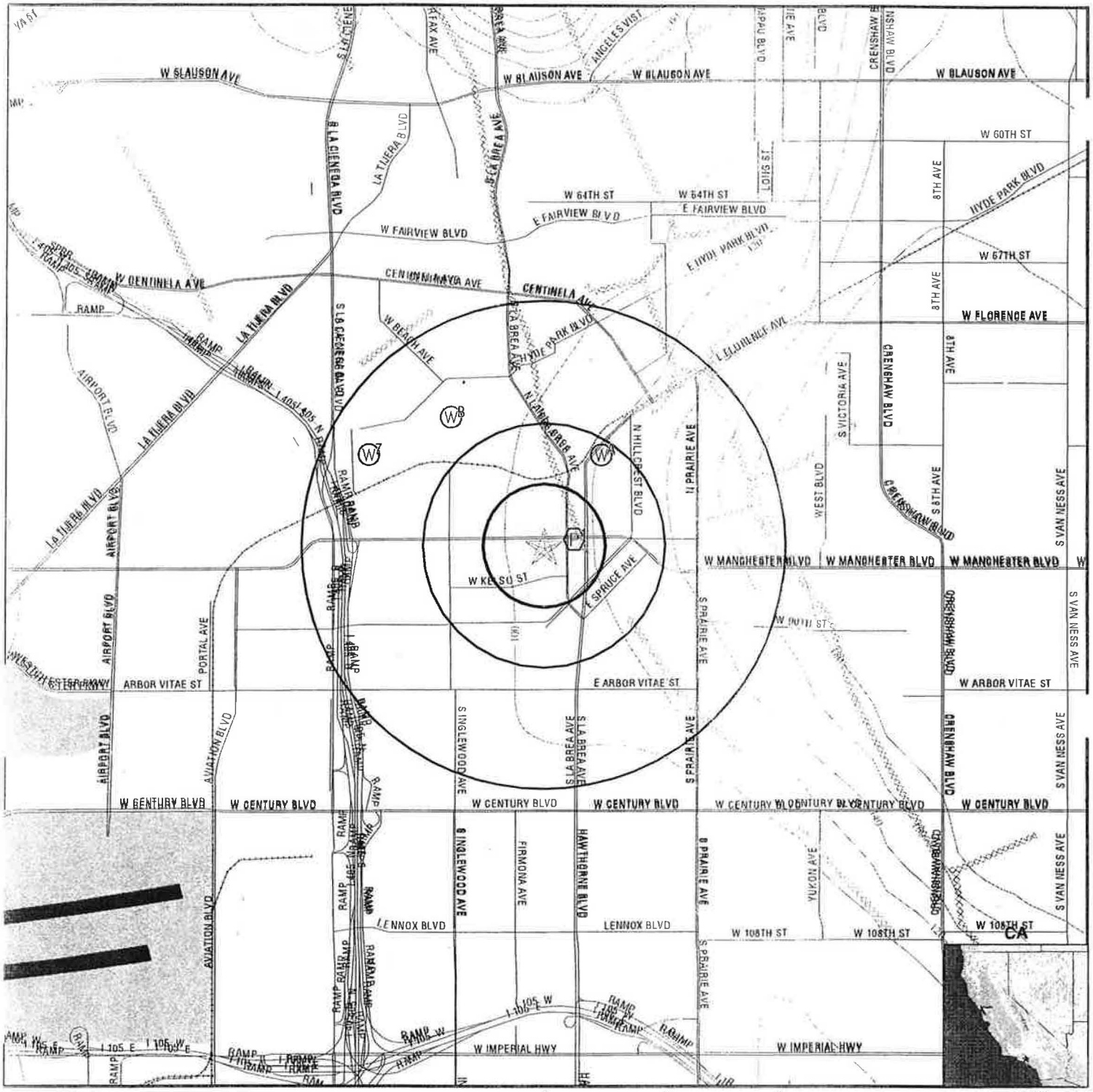
MAP ID	WELL ID	LOCATION FROM TP
A2	2988	1/4 - 1/2 Mile NNE
A3	2987	1/4 - 1/2 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	2986	1/4 - 1/2 Mile NNE
B5	22765	1/2 - 1 Mile NW
B6	14251	1/2 - 1 Mile NW
7	2989	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 768617.2s



- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- (W) Water Wells
- (P) Public Water Supply Wells
- Groundwater Flow Direction
- (GT) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- (O) Earthquake epicenter, Richter 5 or greater
- (HD) Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY:	Inglewood High School	CUSTOMER:	Smith Emery GeoServices
ADDRESS:	231 South Grevillea Avenue	CONTACT:	Ms. Ayesha Syeda
CITY/STATE/ZIP:	Inglewood CA 90301	INQUIRY #:	768617.2s
LAT/LONG:	33.9613 / 118.3550	DATE:	April 24, 2002 6:12 pm

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **ENE** **1/8 - 1/4 Mile** **Higher**	**FRDS PWS**	**CA1910051**

PWS ID: CA1910051 PWS Status: Not Reported
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: INGLEWOOD- CITY, WATER DEPT.
INGLEWOOD, CA 90301

Treatment Objective: DISINFECTION
Treatment Process: CHLORAMINES
Source: Purchases surface water

Addressee / Facility: Not Reported

Facility Latitude: Not Reported Facility Longitude: Not Reported
City Served: INGLEWOOD CITY
Treatment Class: Mixed (treated and untreated) Population: 91200

PWS currently has or had major violation(s) or enforcement: Yes

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name: INGLEWOOD- CITY, WATER DEP
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1992-01-01 - 2015-12-31 Analytical Value: 0000000.000000000
Violation ID: 93V0001 Enforcement ID: 93E0001
Enforcement Date: 1992-12-21 Enf. Action: Fed FAO Issued

System Name: INGLEWOOD- CITY, WATER DEP
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1992-07-01 - 2015-12-31 Analytical Value: 0000000.000000000
Violation ID: 92V0001 Enforcement ID: 93E0002
Enforcement Date: 1993-11-18 Enf. Action: Fed No Additional Formal Action Needed

System Name: INGLEWOOD- CITY, WATER DEP
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1992-01-01 - 2015-12-31 Analytical Value: 0000000.000000000
Violation ID: 92V0001 Enforcement ID: 93E0002
Enforcement Date: 1993-11-18 Enf. Action: Fed No Additional Formal Action Needed

System Name: INGLEWOOD- CITY, WATER DEP
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1992-01-01 - 2015-12-31 Analytical Value: 0000000.000000000
Violation ID: 92V0001 Enforcement ID: 93E0003
Enforcement Date: 1992-12-15 Enf. Action: Fed Compliance Achieved

System Name: INGLEWOOD- CITY, WATER DEP
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1992-01-01 - 2015-12-31 Analytical Value: 0000000.000000000
Violation ID: 92V0001 Enforcement ID: 93E0004
Enforcement Date: 1993-12-15 Enf. Action: Fed Compliance Achieved

ENFORCEMENT INFORMATION:

System Name:	INGLEWOOD- CITY, WATER DEP		
Violation Type:	Max Contaminant Level, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1998-03-01 - 1998-03-31	Analytical Value:	0000000.000000000
Violation ID:	98015003	Enforcement ID:	Not Reported
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	INGLEWOOD- CITY, WATER DEP		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2000-03-01	Analytical Value:	0000000.000000000
Violation ID:	93V0001	Enforcement ID:	93E0002
Enforcement Date:	1993-11-18	Enf. Action:	Fed No Additional Formal Action Needed
System Name:	INGLEWOOD- CITY, WATER DEP		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2000-03-01	Analytical Value:	0000000.000000000
Violation ID:	93V0001	Enforcement ID:	00E0001
Enforcement Date:	2000-03-01	Enf. Action:	Fed Compliance Achieved
System Name:	INGLEWOOD- CITY, WATER DEP		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2000-03-01	Analytical Value:	0000000.000000000
Violation ID:	93V0001	Enforcement ID:	93E0002
Enforcement Date:	1993-11-18	Enf. Action:	Fed No Additional Formal Action Needed
System Name:	INGLEWOOD- CITY, WATER DEP		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2000-03-01	Analytical Value:	0000000.000000000
Violation ID:	93V0001	Enforcement ID:	00E0001
Enforcement Date:	2000-03-01	Enf. Action:	Fed Compliance Achieved

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A2
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **2988**

Water System Information:

Prime Station Code:	02S/14W-28M01 S	User ID:	MET
FRDS Number:	1910051007	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	335800.0 1182100.0	Precision:	Undefined
Source Name:	WELL 26 - DESTROYED		
System Number:	1910051		
System Name:	INGLEWOOD- CITY, WATER DEPT.		
Organization That Operates System:			
	ONE MANCHESTER BLVD		
	INGLEWOOD, CA 90301		
Pop Served:	110000	Connections:	14721
Area Served:	INGLEWOOD CITY		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A3
NNE
1/4 - 1/2 Mile
Higher | **CA WELLS** | **2987**

Water System Information:

Prime Station Code:	02S/14W-28F01 S	User ID:	MET
FRDS Number:	1910051006	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	335800.0 1182100.0	Precision:	Undefined
Source Name:	WELL 25 - DESTROYED		
System Number:	1910051		
System Name:	INGLEWOOD- CITY, WATER DEPT.		
Organization That Operates System:			
	ONE MANCHESTER BLVD		
	INGLEWOOD, CA 90301		
Pop Served:	110000	Connections:	14721
Area Served:	INGLEWOOD CITY		

A4
NNE
1/4 - 1/2 Mile
Higher | **CA WELLS** | **2986**

Water System Information:

Prime Station Code:	02S/14W-28E01 S	User ID:	MET
FRDS Number:	1910051005	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	335800.0 1182100.0	Precision:	Undefined
Source Name:	WELL 23 - DESTROYED		
System Number:	1910051		
System Name:	INGLEWOOD- CITY, WATER DEPT.		
Organization That Operates System:			
	ONE MANCHESTER BLVD		
	INGLEWOOD, CA 90301		
Pop Served:	110000	Connections:	14721
Area Served:	INGLEWOOD CITY		

B5
NW
1/2 - 1 Mile
Higher | **CA WELLS** | **22765**

Water System Information:

Prime Station Code:	G19/051-FEMNINF	User ID:	MET
FRDS Number:	1910051015	County:	Los Angeles
District Number:	15	Station Type:	COMB/WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Combined Treated
Source Lat/Long:	335808.0 1182139.0	Precision:	1 Mile (One Minute)
Source Name:	SANFORD M ANDERSON WTP-INF,WELLS 1,2,4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910051
System Name: INGLEWOOD- CITY, WATER DEPT.
Organization That Operates System:
ONE MANCHESTER BLVD
INGLEWOOD, CA 90301
Pop Served: 110000 Connections: 14721
Area Served: INGLEWOOD CITY

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	02/12/1996	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/20/1996	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/18/1996	Findings:	32.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/25/1996	Findings:	33.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	04/01/1996	Findings:	32.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/28/1996	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/03/1996	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/17/1996	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/01/1996	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/08/1996	Findings:	37.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/15/1996	Findings:	43.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/22/1996	Findings:	37.300 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/29/1996	Findings:	39.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/05/1996	Findings:	40.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/12/1996	Findings:	39.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/19/1996	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/26/1996	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/03/1996	Findings:	120.000 UG/L
Chemical:	IRON		
Sample Collected:	09/03/1996	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/09/1996	Findings:	1880.000 UG/L
Chemical:	IRON		
Sample Collected:	09/09/1996	Findings:	61.000 UG/L
Chemical:	MANGANESE		

Sample Collected:	09/16/1996	Findings:	413.000 UG/L
Chemical:	IRON		
Sample Collected:	09/16/1996	Findings:	38.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/23/1996	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/30/1996	Findings:	121.000 UG/L
Chemical:	IRON		
Sample Collected:	09/30/1996	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/07/1996	Findings:	140.000 UG/L
Chemical:	IRON		
Sample Collected:	10/07/1996	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/14/1996	Findings:	30.300 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/21/1996	Findings:	509.000 UG/L
Chemical:	IRON		
Sample Collected:	10/21/1996	Findings:	42.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/28/1996	Findings:	33.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/04/1996	Findings:	954.000 UG/L
Chemical:	IRON		
Sample Collected:	11/04/1996	Findings:	46.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/12/1996	Findings:	642.000 UG/L
Chemical:	IRON		
Sample Collected:	11/12/1996	Findings:	45.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/18/1996	Findings:	1230.000 UG/L
Chemical:	IRON		
Sample Collected:	11/18/1996	Findings:	66.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/25/1996	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/02/1996	Findings:	33.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/09/1996	Findings:	309.000 UG/L
Chemical:	IRON		
Sample Collected:	12/09/1996	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/16/1996	Findings:	147.000 UG/L
Chemical:	IRON		
Sample Collected:	12/16/1996	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/23/1996	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/30/1996	Findings:	32.000 UG/L
Chemical:	MANGANESE		

Sample Collected:	01/06/1997	Findings:	440.000 UG/L
Chemical:	IRON		
Sample Collected:	01/06/1997	Findings:	37.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	01/27/1997	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/03/1997	Findings:	125.000 UG/L
Chemical:	IRON		
Sample Collected:	02/03/1997	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/10/1997	Findings:	122.000 UG/L
Chemical:	IRON		
Sample Collected:	02/10/1997	Findings:	32.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/18/1997	Findings:	205.000 UG/L
Chemical:	IRON		
Sample Collected:	02/18/1997	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/03/1997	Findings:	118.000 UG/L
Chemical:	IRON		
Sample Collected:	03/03/1997	Findings:	42.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/10/1997	Findings:	216.000 UG/L
Chemical:	IRON		
Sample Collected:	03/10/1997	Findings:	44.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/17/1997	Findings:	1050.000 UG/L
Chemical:	IRON		
Sample Collected:	03/17/1997	Findings:	51.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/24/1997	Findings:	562.000 UG/L
Chemical:	IRON		
Sample Collected:	03/24/1997	Findings:	52.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/31/1997	Findings:	472.000 UG/L
Chemical:	IRON		
Sample Collected:	03/31/1997	Findings:	45.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	04/14/1997	Findings:	768.000 UG/L
Chemical:	IRON		
Sample Collected:	04/14/1997	Findings:	43.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	04/21/1997	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	04/28/1997	Findings:	990.000 UG/L
Chemical:	IRON		
Sample Collected:	04/28/1997	Findings:	52.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/05/1997	Findings:	646.000 UG/L
Chemical:	IRON		

Sample Collected:	05/05/1997	Findings:	44.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/12/1997	Findings:	340.000 UG/L
Chemical:	IRON		
Sample Collected:	05/12/1997	Findings:	39.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/19/1997	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/27/1997	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/09/1997	Findings:	126.000 UG/L
Chemical:	IRON		
Sample Collected:	06/09/1997	Findings:	37.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/23/1997	Findings:	112.000 UG/L
Chemical:	IRON		
Sample Collected:	07/07/1997	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/14/1997	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/21/1997	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/28/1997	Findings:	111.000 UG/L
Chemical:	IRON		
Sample Collected:	07/28/1997	Findings:	39.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/04/1997	Findings:	33.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/11/1997	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/25/1997	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/02/1997	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/15/1997	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/13/1997	Findings:	38.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/20/1997	Findings:	40.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/27/1997	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/03/1997	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/10/1997	Findings:	40.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/17/1997	Findings:	38.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/24/1997	Findings:	34.000 UG/L
Chemical:	MANGANESE		

Sample Collected:	12/01/1997	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/08/1997	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/15/1997	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/22/1997	Findings:	33.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/29/1997	Findings:	35.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	01/05/1998	Findings:	30.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	01/12/1998	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	01/26/1998	Findings:	30.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/02/1998	Findings:	38.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/09/1998	Findings:	39.000 UG/L
Chemical:	MANGANESE		

B6
NW
1/2 - 1 Mile
Higher

CA WELLS **14251**

Water System Information:

Prime Station Code:	1910051-014	User ID:	MET
FRDS Number:	1910051014	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	335808.0 1182139.0	Precision:	10 Feet (1/10 Second)
Source Name:	SANFORD M ANDERSON WTP - EFFLUENT		
System Number:	1910051		
System Name:	INGLEWOOD- CITY, WATER DEPT.		
Organization That Operates System:			
	ONE MANCHESTER BLVD		
	INGLEWOOD, CA 90301		
Pop Served:	110000	Connections:	14721
Area Served:	INGLEWOOD CITY		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	05/20/1996	Findings:	42.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/17/1996	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/24/1996	Findings:	33.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/18/1996	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/25/1996	Findings:	46.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/02/1996	Findings:	56.000 UG/L
Chemical:	MANGANESE		

Sample Collected:	12/09/1996	Findings:	65.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/03/1997	Findings:	59.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/10/1997	Findings:	41.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/12/1997	Findings:	39.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	08/18/1997	Findings:	38.000 UG/L
Chemical:	MANGANESE		

7
WNW
1/2 - 1 Mile
Higher

CA WELLS **2989**

Water System Information:

Prime Station Code:	02S/14W-29H01 S	User ID:	MET
FRDS Number:	1910051009	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	335800.0 1182200.0	Precision:	Undefined
Source Name:	WELL 33 - DESTROYED		
System Number:	1910051		
System Name:	INGLEWOOD- CITY, WATER DEPT.		
Organization That Operates System:			
	ONE MANCHESTER BLVD		
	INGLEWOOD, CA 90301		
Pop Served:	110000	Connections:	14721
Area Served:	INGLEWOOD CITY		

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.

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 1999 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

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.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
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.

California Oil and Gas Well Locations for District 2 and 6
Source: Department of Conservation
Telephone: 916-323-1779

RADON

Area Radon Information: 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: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

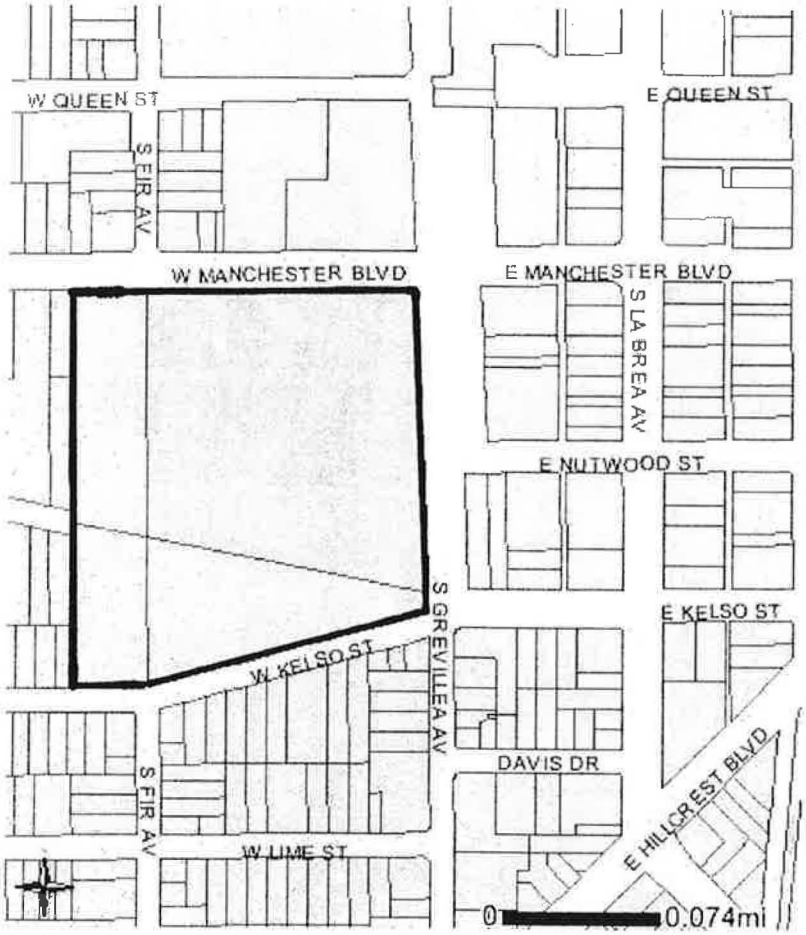
OTHER

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.

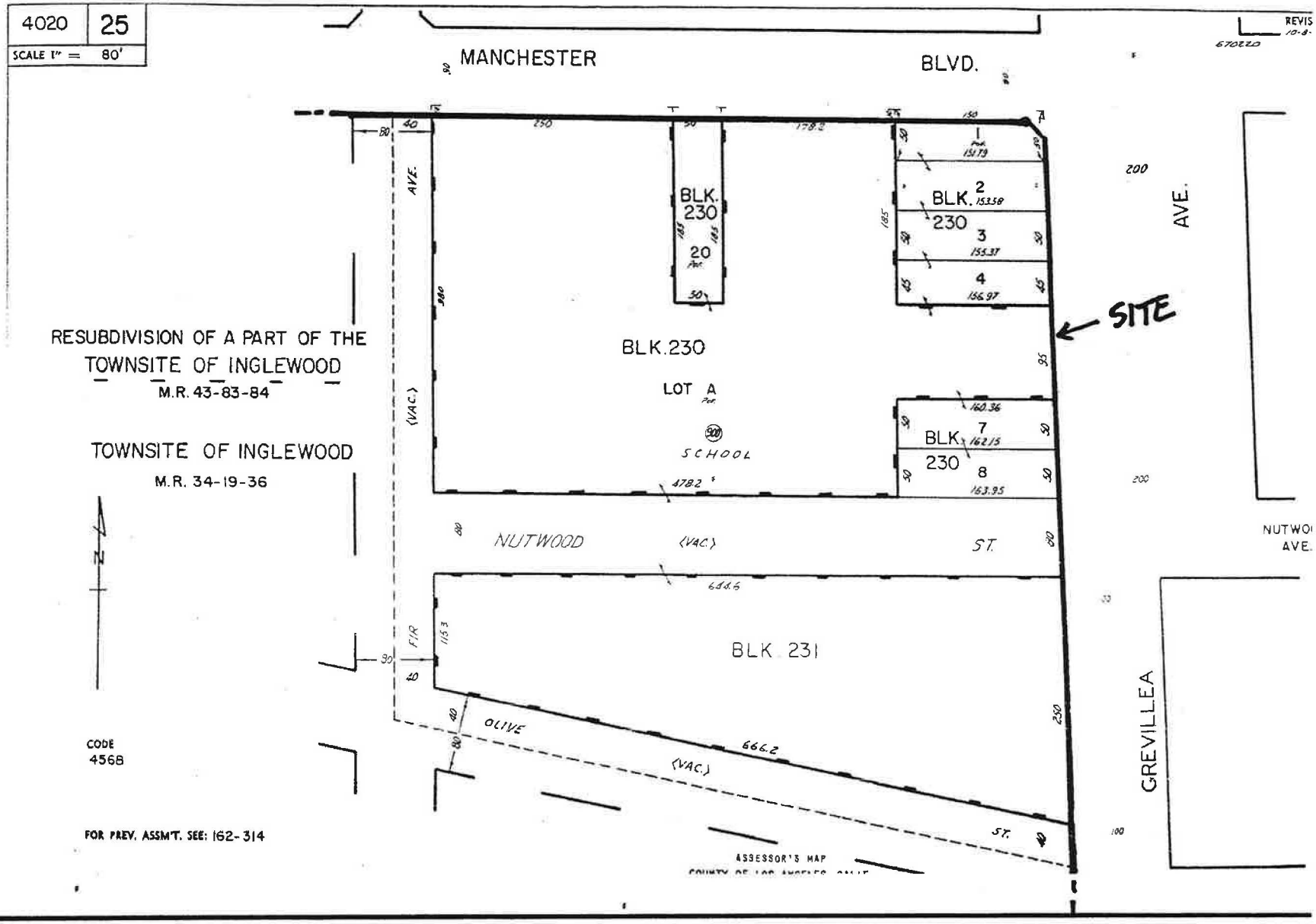
APPENDIX B

SUBJECT SITE DOCUMENTATION


W QUEEN ST
E QUEEN ST
S FIR AV
W MANCHESTER BLVD
E MANCHESTER BLVD
S LA BREA AV
E NUTWOOD ST
E KELSO ST
S GREVILLEA AV
W KELSO ST
DAVIS DR
E HILLCREST BLVD
S FIR AV
W LIME ST
0
0.074mi

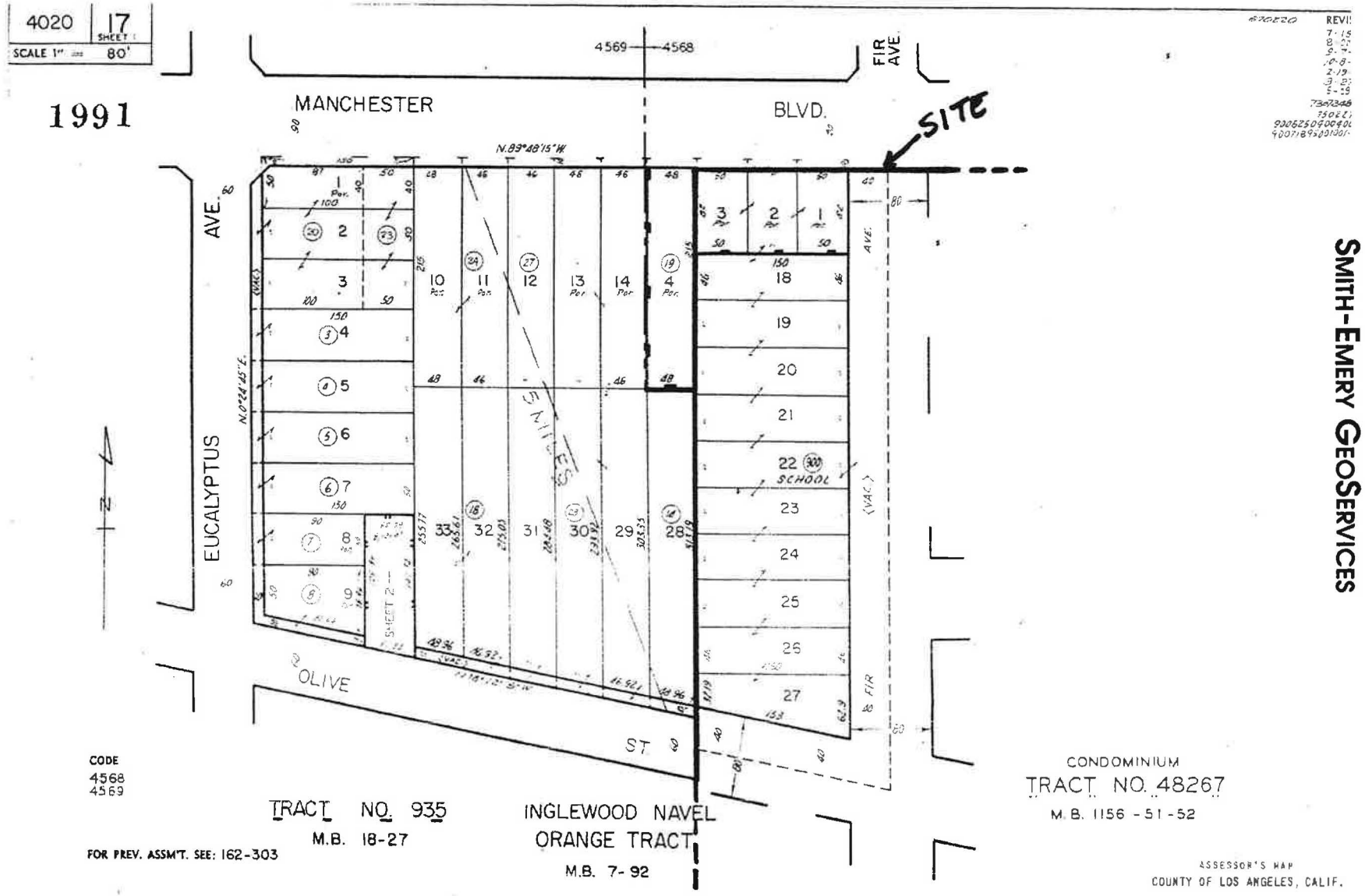
View Enlarged Map | View Printing Instructions

County of Los Angeles: Rick Auerbach, Assessor



Next >> | View Enlarged Map | View Printing Instructions

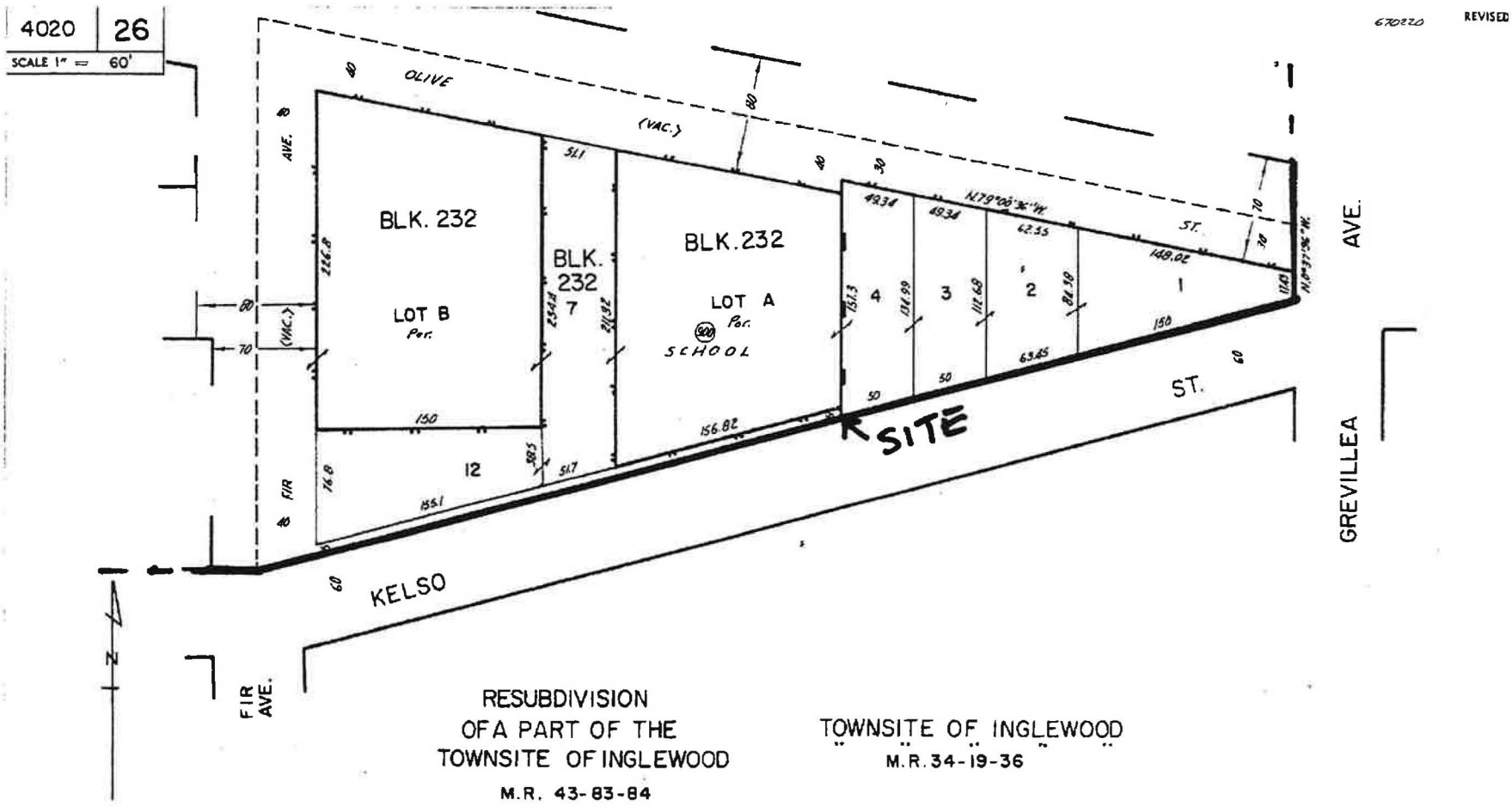
County of Los Angeles: Rick Auerbach, Assessor



SMITH-EMERY GEOSERVICES

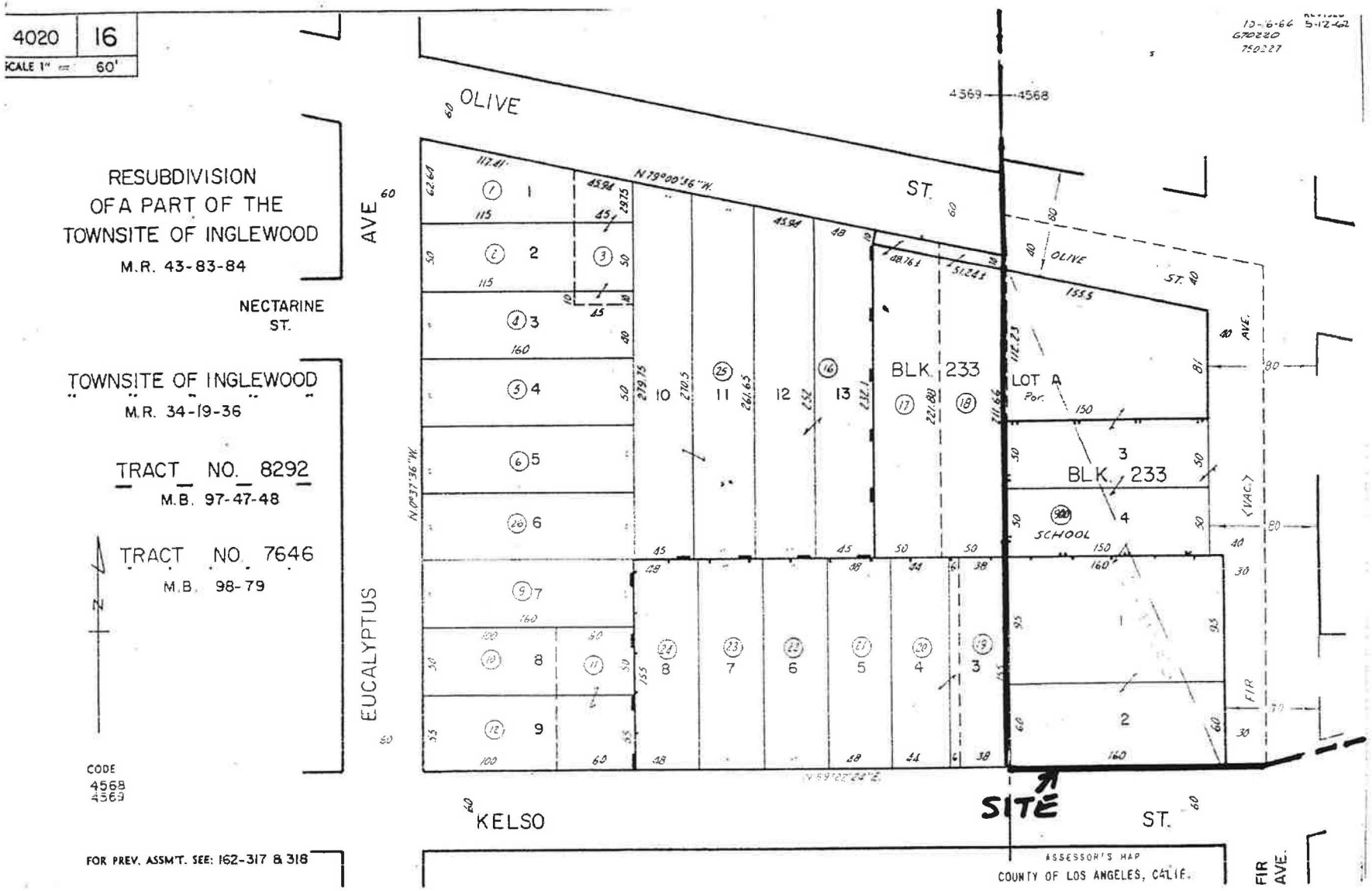
View Enlarged Map | View Printing Instructions

County of Los Angeles: Rick Auerbach, Assessor



View Enlarged Map | View Printing Instructions

County of Los Angeles: Rick Auerbach, Assessor



Record 1

Assessor's ID Number	4020-025-900
Site Address	
Site City/Zip	
Property Type	Other
Assessor Map	Click Here for Assessor Map
TRA Number	04568
Recording Date	02/45/1967
2001 Land Value	$0
2001 Improvement Value	$0
2001 Exemption Claim	
2001 Personal Property Value	$0
2001 Fixture Value	$0
2001 Homeowners' Exemption Value	$0
2001 Real Estate Exemption Value	$0
2001 Personal Property Exemption Value	$0
2001 Fixture Exemption Value	$0
Legal Description	LOT BD N BY MANCHESTER BLVD E BY GREVILLEA AVE SW BY C/L OF OLIVE ST CAVATED AND W BY C/L OF FIR AVE VACATED VAC STS AND BLK 231 AND PART OF LOT A SEE ASSESSOR MAPBOOK FOR MISSING PORTION 3,4,7 AND 8 BLK 230 INGLEWOOD

2001 Annual Taxes Click Here

Record 1

Assessor's ID Number	4020-017-900
Site Address	
Site City/Zip	
Property Type	Other
Assessor Map	Click Here for Assessor Map
TRA Number	04568
Recording Date	02/45/1967
2001 Land Value	$0
2001 Improvement Value	$0
2001 Exemption Claim	
2001 Personal Property Value	$0
2001 Fixture Value	$0
2001 Homeowners' Exemption Value	$0
2001 Real Estate Exemption Value	$0
2001 Personal Property Exemption Value	$0
2001 Fixture Exemption Value	$0
Legal Description	EX OF ST LOTS 2 AND 3 AND 1/2 VAC ST ADJ ON E AND EX OF ST LOT 1 TRACT NO 935 AND 1/2 VAC ST ADJ ON E AND LOTS 18,19,20, 21,22,23,24,25 AND 26 AND 1/2 VAC ST ADJ ON E AND S AND LOT 27 INGLEWOOD NAVEL ORANGE TRACT

2001 Annual Taxes Click Here

Record 1

Assessor's ID Number	4020-026-900
Site Address	
Site City/Zip	
Property Type	Other
Assessor Map	Click Here for Assessor Map
TRA Number	04568
Recording Date	02/45/1967
2001 Land Value	$0
2001 Improvement Value	$0
2001 Exemption Claim	
2001 Personal Property Value	$0
2001 Fixture Value	$0
2001 Homeowners' Exemption Value	$0
2001 Real Estate Exemption Value	$0
2001 Personal Property Exemption Value	$0
2001 Fixture Exemption Value	$0
Legal Description	LOT BD SE BY NW LINE OF KELSO ST W BY C/L OF FIR AVE VAC NE BY C/L OF OLIVE ST VAC AND E BY W LINE OF GREVILLEA AVE VAC STS AND PART OF LOTS A AND B BLK 232 SEE ASSESSOR MAPBOOK FOR MISSING PORTION 3 AND 4 TR # 2795

2001 Annual Taxes Click Here

Record 1

Assessor's ID Number	4020-016-900
Site Address	
Site City/Zip	
Property Type	Other
Assessor Map	Click Here for Assessor Map
TRA Number	04568
Recording Date	02/45/1967
2001 Land Value	$0
2001 Improvement Value	$0
2001 Exemption Claim	
2001 Personal Property Value	$0
2001 Fixture Value	$0
2001 Homeowners' Exemption Value	$0
2001 Real Estate Exemption Value	$0
2001 Personal Property Exemption Value	$0
2001 Fixture Exemption Value	$0
Legal Description	1/2 VAC ST ADJ ON N AND E AND LOT COM AT SW COR OF LOT 2 TR # 7646 TH N 0 37'36" W 367.23 FT TH S 79 00'36" E 155.5 FT TH S 0 37'36" E 181 FT TH N SEE ASSESSOR MAPBOOK FOR MISSING PORTION AND 2 TR # 7646

2001 Annual Taxes Click Here

The EDR-City Directory
Abstract

Inglewood High School
231 South Grevillea Avenue
Inglewood, CA 90301

April 26, 2002

Inquiry Number: 768617-4

Environmental Data Resources, Inc.

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.
City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories
City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice." (ASTM E 1527-00, Section 7.3.4, page 12.)*

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about your report.
Thank you for your business!

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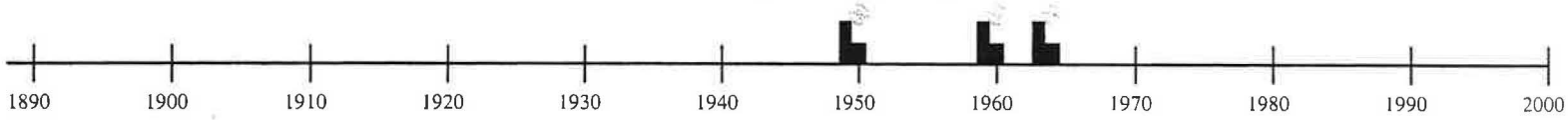
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Environmental Data Resources, Inc.

Prior Use Report® Timeline

Target Property



Legend:

= Historical Topographic Map (**HT**)

= National Wetland Inventory Map (**WT**) *

= Flood Prone/FEMA Maps (**FP/FR**) *

= Aerial Photos Included (**P**) *

= Aerial Photos Available *

= Residential (**R**)

= Commercial or Industrial (**C**)

Superscript number corresponds to graph ID in text

**Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*

Target Property:	Inglewood High School	**Customer:**	Smith Emery GeoServices
Address:	231 South Grevillea Avenue	**Contact:**	Ms. Ayesha Syeda
City/State/Zip:	Inglewood, CA 90301	**Inquiry #:**	768617-4
		Date:	4/26/2002

4. SUMMARY

- *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2000. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8 of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources:

Target Property:
231 South Grevillea Avenue
Inglewood, CA 90301

PUR ID Year	*Uses*	*Portion-Findings (FIM Information Only)*	*Source*
-- 1920	Address not Listed in Research Source		WESTERN DIRECTORY CO.
-- 1921	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
-- 1923	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
-- 1924	Address not Listed in Research Source		Western Directory Co.
-- 1925	Address not Listed in Research Source		BEVERLY HILLS CHAMBER OF
-- 1926	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
-- 1927	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1928	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
-- 1929	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1930	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
-- 1931	Address not Listed in Research Source		TRIBUNE-NEWS PUBLISHING C
-- 1932	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1933	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1934	Address not Listed in Research Source		Beverly Hills Chamber of Comme
-- 1935	Address not Listed in Research Source		SOUTHERN CALIFORNIA TELEP
-- 1936	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1937	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1938	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
-- 1939	Address not Listed in Research Source		Beverly Hills Chamber of Comme
-- 1940	Address not Listed in Research Source		SAN FERNANDO VALLEY DIRE
-- 1942	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1944	Address not Listed in Research Source		R. L. Polk & Co.
-- 1945	Address not Listed in Research Source		Beverly Hills Chamber of Comme
-- 1946	Address not Listed in Research Source		Los Angeles Directory Co.
-- 1947	Address not Listed in Research Source		PACIFIC DIRECTORY CO.
-- 1948	Address not Listed in Research Source		R. L. Polk & Co.

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1950	CENTLNELA VALLEY UNION HIGH SCHOOL DIS (231)		Beverly Hills Chamber of Comme
	CENTLNELA VALLEY UNION HIGH SCHOOL DIS (231)		
	CENTLNELA VALLEY UNION HIGH SCHOOL DIS (231)		
1951	Address not Listed in Research Source		PACIFIC DIRECTORY CO.
1952	Address not Listed in Research Source		Los Angeles Directory Co.
1954	Address not Listed in Research Source		R. L. Polk & Co.
1955	Address not Listed in Research Source		R. L. Polk & Co.
1956	Address not Listed in Research Source		PACIFIC TELEPHONE
1957	Address not Listed in Research Source		PACIFIC TELEPHONE
1958	Address not Listed in Research Source		PACIFIC TELEPHONE
1960	INGLEWOOD UNIFIED SCHOOL DIST HIGH SCH (231)		PACIFIC TELEPHONE
1961	Address not Listed in Research Source		R. L. Polk & Co.
1962	Address not Listed in Research Source		PACIFIC TELEPHONE
1963	Address not Listed in Research Source		R. L. Polk & Co.
1964	INGLEWOOD UNIFIED SCHOOL DIST ADMINIST (231)		PACIFIC TELEPHONE
1965	Address not Listed in Research Source		R. L. Polk & Co.
1966	Address not Listed in Research Source		THE PACIFIC TELEPHONE AND
1967	Address not Listed in Research Source		R. L. POLK & CO.
1969	Address not Listed in Research Source		R. L. Polk & Co.
1970	Address not Listed in Research Source		PACIFIC TELEPHONE
1971	Address not Listed in Research Source		PACIFIC TELEPHONE
1972	Address not Listed in Research Source		R. L. POLK & CO.
1975	Address not Listed in Research Source		PACIFIC TELEPHONE
1976	Address not Listed in Research Source		PACIFIC TELEPHONE
1980	Address not Listed in Research Source		PACIFIC TELEPHONE
1981	Address not Listed in Research Source		PACIFIC TELEPHONE
1985	Address not Listed in Research Source		PACIFIC BELL
1986	Address not Listed in Research Source		PACIFIC BELL

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1990	Address not Listed in Research Source		PACIFIC BELL
1991	Address not Listed in Research Source		PACIFIC BELL
1995	Address not Listed in Research Source		PACIFIC BELL
2000	Address not Listed in Research Source		HAINES & COMPANY

Adjoining Properties

SURROUNDING
Multiple Addresses
Inglewood, CA 90301

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1920	Address not Listed in Research Source		WESTERN DIRECTORY CO.
1921	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
1923	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
1924	** E MANCHESTER Addresses ** Residence (115) Residence (210) ** W MANCHESTER Addresses ** MARQUARDT GUS E IRON WKR H (143) FARRAR HENRY S TRAFFIC MGR H (156)		Western Directory Co.
1925	Address not Listed in Research Source		BEVERLY HILLS CHAMBER OF (
1926	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
1927	Address not Listed in Research Source		Los Angeles Directory Co.
1928	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
1929	Address not Listed in Research Source		Los Angeles Directory Co.
1930	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
1931	Address not Listed in Research Source		TRIBUNE-NEWS PUBLISHING C(
1932	Address not Listed in Research Source		Los Angeles Directory Co.
1933	Address not Listed in Research Source		Los Angeles Directory Co.
1934	Address not Listed in Research Source		Beverly Hills Chamber of Comme
1935	Address not Listed in Research Source		SOUTHERN CALIFORNIA TELEP
1936	Address not Listed in Research Source		Los Angeles Directory Co.

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1937	Address not Listed in Research Source		Los Angeles Directory Co.
1938	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
1939	Address not Listed in Research Source		Beverly Hills Chamber of Comme
1940	Address not Listed in Research Source		SAN FERNANDO VALLEY DIREC
1942	Address not Listed in Research Source		Los Angeles Directory Co.
1944	Address not Listed in Research Source		R. L. Polk & Co.
1945	Address not Listed in Research Source		Beverly Hills Chamber of Comme
1946	Address not Listed in Research Source		Los Angeles Directory Co.
1947	Address not Listed in Research Source		PACIFIC DIRECTORY CO.
1948	Address not Listed in Research Source		R. L. Polk & Co.
1950	** E MANCHESTER BLVD Addresses **		Beverly Hills Chamber of Comme
	FOSTER S SELF-SERV (106)		
	CLEONES SALON (107)		
	HARLAN JAY MRS CLEONES SALON (107)		
	Residence (109)		
	Residence (109)		
	BEELERBROSNURSERY (113)		
	ELMER S MUFFLER SHOP LOS ANGELES (139)		
	FINLEY E H SERV STANTON (202)		
	ANDY S FLOWER SHOP (222)		
	INGLEWOOD SEWING MACH CO (231)		
	BERRY E0ATTY (239)		
	DRUM H A DR (239)		
	METROPOLITAN LIFE INS CO (239)		
	PRIDHAM DAVIS OPTMTRST (239)		
	PHYSICIANS & SURGEONS LABS (239)		
	HIATT EVERETT B DNTST (239)		
	BERRY ELBERT0ATTY (239)		
	DAVIS PRIDHAM OPTMTRST (239)		
	** E NUTWOOD ST Addresses **		
	ESQUIRE BARBER SHOP (214)		
	COX ELMER & SON FARMERS INSURANCE GROU (217)		
	FARMERS INSURANCE GROUP (217)		
	** E QUEEN ST Addresses **		
	LUCIWICK S HEAITH FOODS (102)		
	S & S TAILORS (104)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1950 (continued)			
	INGLEWOOD CITY OF CITY HALL (105)		
	JOHNSON GLEN APPLIANCE SERV (106)		
	HADLEY WARRINER L PRINTNG (108)		
	INGLEWOOD CITY OF FIRE DEPT FIRE CALLS (109)		
	POLICE DEPARTMENTS (109)		
	GARDNER MILTON M LNS AGT (110)		
	COLONEL AL S POULTRY MKT (112)		
	** S LA BREA AVE Addresses **		
	DWYER MICHAEL J SHELL AUTH DIR (201)		
	DUDLEY E T DR (204)		
	REDUCING & POSTURE SALON (206)		
	FRANCISR ROBT M MD (213)		
	JOHNSON PAINT & WALLPAPER CO (223)		
	COAST SURGICAL SUPPLY CO (227)		
	DONLEY MARY K INGLEWOOD TRANSFR & STOR (231)		
	INGLEWOOD TRANSFR & STORAGE CO (231)		
	ALADDIN LOCK & KEY SERV (233)		
	BERRY BROS INC PAINTS (239)		
	CLAXTAN MERLE PAINTS (239)		
	A-I SANDBLASTING CO (241)		
	BLACK ALEX NEUMANN & BLACK ACCTS (241)		
	FITZNER RAY ROBERTS L J & CO (241)		
	INGLEWOOD NEON SIGN CO (241)		
	NEUMANN & BLACK ACCTS (241)		
	NEUMANN OSCAR INQLEWOOD SECRETARIAL & (241)		
	WESTCHESTAR APPLIANCE SERV (241)		
	SKY HARBOR LITHO PRESS (241)		
	RUSSELL JOHN H DETECTIVE (241)		
	POTTS JAS L ATTY (241)		
	NEUMANN SALLY INGLEWOOD SECRETARIAL & (241)		
	NEUMANN BLDG (241)		
	INGLEWOOD SECRETARIAL & BUSINESS SERV (241)		
	INGLEWOOD MAINTENANCE SERV (241)		
	COLORIZER PAINTS BENNETT S (241)		
	BILL WRIGHT S MODERN HOME CLNRS (241)		
	ARKADY SALES CO (241)		
	BENNETT S COLORIZER PAINTS (241)		
	CENTINELA VALLEY GLASS & MIRROR CO (251)		
	CHIC WEBB TYPEWRITER CO (257)		
	INGLEWOOD ARTESIA GALLERIES INC (300)		
	HILL SAM RITY CORP (309)		
	FINANCE SYSTEM AGCY (309 1/2)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1950 (continued)			
	SCILEIHER FRED F FINANCE SYSTEM AGEY (309 1/2)		
	UNITED LOAN CO INC (312)		
	HOSKIN EVELYN TELEX HEARING CENTER (313)		
	TELEX HEARING CENTER (313)		
	ELKS CLUB LODGE (317)		
	ELKS LODGE 1492 (317)		
	SPARKLING CLNRS (320)		
	** W MANCHESTER AVE Addresses **		
	WRIGHT VLDTO H DR PEDIATRICIAN (125)		
	** W MANCHESTER BLVD Addresses **		
	EAUTY SALON (103)		
	WESTERN AUTO SUPPLY CO (111)		
	OVERBY W G RI EST (117)		
	Residence (121)		
	CHILDREN S ORTHODONTICS (125)		
	WRIGHT EDW DR DNTT (125)		
	NELSON N M DR DNTST (125)		
	Residence (131)		
	Residence (135)		
	MURRAY LEO C MD INGLEWOOD (135)		
	Residence (135B)		
	ROUDA ALFRED DOS (137)		
	MODERNE MOTEL (139)		
	** W QUEEN ST Addresses **		
	GIRL SCOUTS COUNCILS BELLFLOWER HDQTRS (101)		
	GIRL SCOUTS COUNCILS BELLFLOWER HDQTRS (101)		
	Residence (114)		
	Residence (118)		
	Residence (122)		
	Residence (126)		
	Residence (128)		
	Residence (128)		
	Residence (130)		
	LETSON R G DR (136)		
	Residence (136 1/2)		
	MATHEWS S S MD (140)		
	MATHEWS S S MD INGLEWOOD (140)		
	QUEEN HOTEL (146)		
	** N GREVILLEA AVE Addresses **		
	INGLEWOOD CITY SCHOOLS ELEMENTARY SCHO (111)		
	Residence (203)		
	Residence (217)		

PUR ID / Year	Uses	Portion-Findings (FIM Information Only)	Source
1950 (continued)			
	Residence (219)		
	** S GREVILLEA AVE Addresses **		
	INGLEWOOD CITY OF FIRE DEPT FIRE CALLS (101)		
	Residence (109)		
	Residence (109 1/2)		
	LOS ANGELES COUNTY OF COUNTY CLERK (110)		
	LOS ANGELES COUNTY OF LIBRARY PUBLIC A (110)		
	Residence (111)		
	Residence (111 1/2)		
	Residence (210)		
	MASONIC TEMPLE OF INGLEWOOD NO 421 (230)		
	Residence (304)		
	Residence (312)		
	Residence (312)		
	Residence (314)		
	Residence (320)		
1951	Address not Listed in Research Source		PACIFIC DIRECTORY CO.
1952	Address not Listed in Research Source		Los Angeles Directory Co.
1954	** E MANCHESTER BLVD Addresses **		R. L. Polk & Co.
	GOLDEN EAGLE GASOLINE STNS (106)		
	BEELER BROS NURSERY (113)		
	DEYO ROBT J (135)		
	FINLEY E H SERV STANTON (202)		
	ANDY S FLOWER SHOP (222)		
	CUT RATE SHOE REPAIR (233)		
	BERRY E O ATTY (239)		
	HARRIS PHILIP H SPENCER & HARRIS ATTYS (239)		
	DAVIS PRIDHAM OPTMTRST (239)		
	DONAHUE BURCH ATTY (239)		
	HARRIS PHILIP H SPENCER & HARRIS ATTYS (239)		
	DRUM H A DR (239)		
	BOONE ELTON D JR ATTY (239)		
	** E NUTWOOD ST Addresses **		
	GEE S CAFE (214)		
	CARL S CAFE (217)		
	** E QUEEN ST Addresses **		
	INGLEWOOD CITY OF (105)		
	JOHNSON APPLIANCE SERV (106)		
	JOHNSON GLEN APPLIANCE SERV (106)		
	HADLEY WARRINRL L PRINTNG (108)		

PUR ID / Year	Uses	Portion-Findings (FIM Information Only)	Source
1954 (continued)			
	GARDNER MILTON NIV INS AGCY (110)		
	AL S POULTRY & SEAFOOD MKT COLONEL (112)		
	COLONEL AL S POULTRY & SEAFOOD MKT (112)		
	** S LA BREA AVE Addresses **		
	DWYER MICHAEL J SHELL AUTHORIZED DEALE (201)		
	DUDLEY E T DR (204)		
	HODGES SHADE & LINOLEUM (210)		
	HODGES SHADES & IINOLM (210)		
	CHAIKIN S PABCO PAINT MART (212)		
	GAYBOB S ANTIQUE SHOPPE (219)		
	HENDERSON JACK C & WATTS VERNE G BL BN (222)		
	JOHNSON PAINT & WALLPAPER CO (223)		
	HELEN S MATERNITY FASHIONS (225)		
	COAST SURGICAL SUPPLY CO (227)		
	ATLAS VAN SERV INC (231)		
	INGLEWOOD STORAGE & TRANSFER CO (231)		
	LAUPT WM H ATTY (235)		
	BENNETT S COLORIZER PAINT (239)		
	COLORIZER PAINT BENNETT S (239)		
	BERRY BROS INC PAINTS (240)		
	ASSOCIATED AUTOMOBILE ADJUSTERS (241)		
	INGLEWOOD SECRETARIAL & BUSINESS SERV (241)		
	INGLEWOOD NEON SIGN CO (241)		
	INGLEWOOD BUSINESS & SECRETARIAL SERV (241)		
	DEKTOR LOUIS L CPA (241)		
	FULTZ DONALD E (241)		
	FITZNER RAY ROBERTS L J & CO INC EXTRM (241)		
	CENTINELA VALLEY GLASS & MIRROR CO (251)		
	ANDREWS MARC SENTINEL REALTY CO (253)		
	E & T CONSTRUCTORS (253)		
	DAVIS EMMET CO INS (255)		
	GRAZIADIO GEO L FRANKLIN LIFE INS CO (255)		
	FRANKLIN LIFE INS CO (255)		
	CHIC WEBB TYPEWRITER CO ADDING MACH SA (257)		
	INGLEWOOD FINANCE & LOAN CO (312)		
	HOSKIN EVELYN TELEX HEARING CENTER (313)		
	ELK S DINING ROOM (317)		
	ELKS LODGE NO 1492 INGLEWOOD (317)		
	INGLEWOOD ELKS LODGE NO 1492 (317)		
	** W MANCHESTER AVE Addresses **		
	DEALERS MART INC (111)		
	APEX BLDG MAINTENANCE CO (127)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1954 (continued)			
	APEX MAINTENANCE SUPPLY CO (127)		
	HERRON HOWARD (135B)		
	HUSTON WM G (137)		
	DORANCE BLDRS INC (143)		
	DESIMONE FRANK (145)		
	** W MANCHESTER BLVD Addresses **		
	FASHION BEAUTY SALON (103)		
	Residence (131)		
	** W QUEEN ST Addresses **		
	GIRL SCOUTS COUNCILS (101)		
	GIRL SCOUTS COUNCILS (101)		
	Residence (114)		
	DE CLERCQ RENE J (122)		
	Residence (128)		
	ANDRANIGIAN AMAR M DNTST (136)		
	** N GREVILLEA AVE Addresses **		
	INGLEWOOD CITY SCHOOLS (111)		
	ELLEDGE JOHN P (207)		
	** S GREVILLEA AVE Addresses **		
	FINE ANNA S (314)		
	Residence (320)		
1955	Address not Listed in Research Source		R. L. Polk & Co.
1956	** S LA BREA AVE Addresses **		PACIFIC TELEPHONE
	BENNETTS COLORIZER PAINT (239)		
	COLORIZER PAINT BENNETT S (239)		
1957	** E MANCHESTER BLVD Addresses **		PACIFIC TELEPHONE
	BEELER BROS NURSERY (113)		
	AIRWAY APPI LANCES (124)		
	DEL S FOUNTAIN & GRILL (131)		
	FINLEY E H SERV STN (202)		
	ANDY S FLOWER SHOP (222)		
	CUT RATE SHOE REPAIR (233)		
	DAVIS PRIDHAM OPT.MTRST (239)		
	DRUM H A DR (239)		
	** E NUTWOOD ST Addresses **		
	GRANADA GIFT SHOP (209)		
	GEE S STEAK HOUSE (214)		
	** S LA BREA AVE Addresses **		
	DWYER S SHELL SERV (201)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1957 (continued)			
	DUDLEY E T DR (204)		
	CHAIKIN S PABCO PAINT MART (212)		
	BERRY BROS INC PAINTS (240)		
	CLAXTON MERLE PAINT CO (240)		
	A C SERV CO OFC EQ (241)		
	ASSOCIATED AUTOMOBILE ADJUSTERS (241)		
	COVERT E DALE (241)		
	FITZNER RAY ROBERTS L J & CO INC TERMT (241)		
	FULTZ DONALD E (241)		
	DEKTPR LOUIS L CPA (241)		
	BEGUE WM C (241)		
	AQUAGENE (241)		
	AQUADOC S POOL SERV (241)		
	CENTIHELA VALLEY GLASS & MIRROR CO (251)		
	ANDREWS MARE SENTINEL REALTY CO (253)		
	CALIF LAND SERVICES INC (253)		
	CALIFORNIA LAND SERVICES INC (253)		
	BARTOLI GUY A PARAGON DRAFTING SERV (255)		
	DAVIS EMMET CO INS (255)		
	ETTINGER RONALD A PARAGON DRAFTING SER (255)		
	CHIC WEBB TYPEWRITER CO (257)		
	CHIC WEBB TYPEWRITER CO (257)		
	BIG 5 STORES (300)		
	Residence (313)		
	ELK S DINING ROOM (317)		
	ELKS LODGE NO 1492 INGLEWOOD (317)		
	** W MANCHESTER AVE Addresses **		
	ADDRA DIRECT MAIL SERV (115)		
	CALIFORNIA CALCULATOR CO (117 1/2)		
	CENTINELA VALLEY TAXICAB CO INC (127)		
	CRAWFORD C T (127)		
	DIAMOND CAB CO (127)		
	CENTINELA VALLEY TAXICAB CO INC (127)		
	CENTINELA VALLEY TAXICAB CO INC (127)		
	** W MANCHESTER BLVD Addresses **		
	FASHION BEAUTY SALON (103)		
	BISCHOF AGNES MRS (131)		
	** W QUEEN ST Addresses **		
	GIRL SCOUTS COUNCILS (101)		
	GIRL SCOUTS COUNCILS (101)		
	BUSH FRED J (114)		
	DE CLERCQ RENE J (122)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1957 (continued)	** S GREVILLEA AVE Addresses **		
	BETHEL CHAPEL (210)		
	FINE ANNA S (314)		
	BARRY JERRY (322)		
1958	** S LA BREA Addresses **		PACIFIC TELEPHONE
	SEABOARD FINANCE COMPANY (213)		
1960	** E MANCHESTER BLVD Addresses **		PACIFIC TELEPHONE
	DEB-U-TEEN SHOP (10)		
	WILSHIRE OIL CO OF CALIF (106)		
	INGLEWOOD FLOWER SHOP (113)		
	AIRWAY APPLIANCES TELVBN SERV (124)		
	O CONNOR STEVEN D UNION OIL DLRS SERV (145)		
	UNION OIL DLRS SERV STNS (145)		
	WESTRN TRUCK EXCH (159)		
	FINLEY E H SERV STN (202)		
	DEL S FOUNTAIN & GRILL (231)		
	CUT RATE SHOE REPAIR (233)		
	PERRY S VACUUM CLEANER SERV (234)		
	DAVIS PRIDHAM SEE WOPSCHALL WM A DR OP (239)		
	LITTLE ROBT W LITTLE & ROSS ATTYS (239)		
	ROSS EDW M LITTLE & ROSS ATTYS (239)		
	WOPSCHALL WM A DR OPTMTRST (239)		
	PRIDHAM DAVIS SEE WOPSCHALL WM A DR (239)		
	LITTLE & ROSS ATTYS (239)		
	DRUM H A DR (239)		
	HAUPT WILLIAM H ATTY (239)		
	** E NUTWOOD ST Addresses **		
	GRANADA GIFT SHOP (209)		
	GEES STEAK HOUSE (214)		
	YOUNGS CAFE (217)		
	ANDYS FLOWER SHOP (220)		
	SANDERS EQUIPT & OFC SUPPLY (226)		
	SANDERS OFC SUPPLIES & EQUIPT (226)		
	** E QUEEN ST Addresses **		
	CIVIL DEFENSE OFFICE OF (105)		
	INGLEWOOD CITY OF CITY HALL (105)		
	INGLEWOOD CITY OF CITY HALL (105)		
	** S LA BREA AVE Addresses **		
	SOUTHERN CALIFORNIA GAS CO SOUTHWEST D (158)		
	SOUTHERN CALIFORNIA GAS CO SOUTHWEST D (158)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1960 (continued)			
	DWYER S SHELL SERV (201)		
	DUDLEY E T DR (204)		
	HODGES JOS J (206)		
	HODGES LINOLEUM & WINDOW SHADES (210)		
	HODGES SHADES & LINOLM (210)		
	CHAIKINS PABCO PAINT MART (212)		
	SO CALIF EDISON CO BUSINESS OFFICE (214)		
	SO CALIF EDISON CO BUSINESS OFFICE (214)		
	INGLEWOOD INS AGCY (222)		
	JOHNSON PAINT & WALLPAPER CO (223)		
	JOHNSON WALLPAPER & PAINT CO (223)		
	HELEN S MATERNITY FASHIONS (225)		
	L A FIRST THRIFT (227)		
	INGLEWOOD STORAGE & TRANSFER CO (231)		
	UNITED VAN LINE (231)		
	INGLEWOOD TRANSFER & STORAGE CO (231)		
	INGLEWOOD TRANSFER & STORAGE CO (231)		
	WRIGHT S BARBER SHOP LADIES HAIR STYLI (233)		
	SANDY THE TAILOR (235)		
	BURRER JAS A DR CHIRPRCTR (238)		
	MOSER RAYMOND F DC (238)		
	MOSER RAYMOND F DR CHIRPRCTR (238)		
	INGLEWOOD CHIROPRACTIC CENTER (238)		
	BERRY BROS INC PAINTS (240)		
	STANDARD FLOORING & SUPPLY CO (240)		
	PEYTON PAINT CO (240)		
	ASSOCIATED AUTOMOBILE ADJUSTERS (241)		
	BARCAM PUBLISHING CO (241)		
	FITZNER RAY ROBERTS L J & CO INC TERMT (241)		
	HOMETOWN REALTY LOAN & INVESTMENT CO (241)		
	INGLEWOOD SECRETARIAL & ANSWERING SERV (241)		
	VOORHEES KENNETH J PUB ACCT (241)		
	SPURGEON BILL (241)		
	SPRAGUE FRANK E HOMETOWN REALTY LOAN & (241)		
	RUSSELL JOHN H DETECTIVE AGCY (241)		
	RUSSELL DETECTIVE AGCY (241)		
	MILLER RENA P INS (241)		
	MCCORMICK GORDON C INC (241)		
	MATHEWS R H & ASSOCIATES (241)		
	INGLEWOOD NEON SIGN CO (241)		
	FULTZ DONALD E (241)		
	BILL S MOVING SERV (241)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1960 (continued)			
	CENTINELA VALLEY GLASS & MIRROR CO (251)		
	CALIFORNIA LAND SERVICES INC (253)		
	SENTINEL RLTY CO (253)		
	WILLIAMS JOHN R SENTINEL RLTY CO (253)		
	WILLIAMS JOHN R REAL ESTATE APPRAISER (253)		
	JOHNSTON ERNEST I REAL ESTATE APPRAISE (253)		
	DEKTOR LOUIS I, CPA (255)		
	LUCIANO F LUCIANO CONSTRUCTION CO (255)		
	BARTOLI GUY A ARCHT (261)		
	CAL-CON INC (261)		
	RUSSELL A CHAS CAL-CON INC (261)		
	TEXAS INSTRUMENTS INCORPORATED (261)		
	SPOHRER JOHN H CAL-CON INC (261)		
	GIRL FRIDAY AGCY EMPLYMNT (261)		
	BIG FIVE STORES (300)		
	INGLEWOOD FINANCE & LOAN CO (312)		
	INGLEWOOD LOAN & FINANCE CO (312)		
	HOSKIN EVELYN TELEX HEARING CENTER (313)		
	TELEX HEARING CENTER (313)		
	WATSON SAM (313 1/2)		
	ELK S DINING ROOM (317)		
	ELKS LODGE NO 1492 INGLEWOOD (317)		
	INGLEWOOD ELKS LODGE NO 1492 (317)		
	SPARKLING CLEANERS (320)		
	** W MANCHESTER AVE Addresses **		
	SENTINEL MALT SHOP (101)		
	MILDRED & ESTHERS BEAUTY SALON (103)		
	RIVIERA SOFA BED CO (111)		
	OVERBY RL EST (117)		
	OVERBY W G (117)		
	COLLINS TOM WESTPORT PROPERTIES INC (125)		
	WESTPORT PROPERTIES INC (125)		
	IMPERIAL BUILDERS (125)		
	A B C CAB CO (127)		
	CRAWFORD HENRY (127)		
	INGLEWOOD CAB CO (127)		
	MORNINGSIDE CAB CO (127)		
	YELLOW CAB CO OF INGLEWOOD (127)		
	MORNINGSIDE CAB CO (127)		
	DIAMOND CAB CO (127)		
	COSTA RICHARD (135)		
	SORNBERGER C RODNEY (135)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1960 (continued)			
	WORLD WIDE EMPLOYMENT AGCY (135)		
	WRIGHT EDW DR ORTHDNTST (137)		
	BOBAR WALLACE (137A)		
	VAN DYKE SHERWOOD A DR (143)		
	EUROPEAN CARS SERV (145)		
	** W MANCHESTER BLVD Addresses **		
	BISCHOF AGNES MRS (131)		
	MODERNE MOTEL (139)		
	** W QUEEN ST Addresses **		
	GIRL SCOUTS COUNCILS (101)		
	GIRL SCOUTS COUNCILS (101)		
	BUSH FRED J (114)		
	KRIEGER EVA (114)		
	MILLARD GEO A (118)		
	WARDELL V O (118)		
	TARBELL MARIE B (122)		
	JOHNSON ELLA C (128)		
	BENSON KENNETH L (136 1/2)		
	ALCHEM CLINICAL LAB (138)		
	MATHEWS S S MD (140)		
	HENKLE F S (141 1/2)		
	COLLIER ANDREW (146)		
	QUEEN HOTEL (146)		
	** N GREVILLEA AVE Addresses **		
	INGLEWOOD CITY SCHOOLS (111)		
	INGLEWOOD UNIFIED SCHOOL DIST ADMINIST (111)		
	PRITCHARD MAE (217)		
	** S GREVILLEA AVE Addresses **		
	DOUGHARTY AMY L (109)		
	U S GOVERNMENT MARINE CORPS RECRUITING (110)		
	LAWRENCE O E MRS (111)		
	BENNECHE H W (111 1/2)		
	MASONIC TEMPLE OF INGLEWOOD NO 421 (230)		
	FINE ANNA S (314)		
	PICKETT PAULINE (322)		
	STURGEON NELLE I (324)		
1961	Address not Listed in Research Source		R. L. Polk & Co.
1962	** S LA BREA Addresses **		PACIFIC TELEPHONE
	ABBEY RENTS SICK RM & PARTY EQUIP (219)		
	BENEFICIAL FINANCE COMPANIES OTHER OFF (261)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1962 (continued)	SPARKLING CLEANERS (320)		
1963	Address not Listed in Research Source		R. L. Polk & Co.
1964	** E MANCHESTER BLVD Addresses **		PACIFIC TELEPHONE
	WILSHIRE OIL SERV STNS INGLEWOOD (106)		
	INGLEWOOD FLOWER SHOP (113)		
	AL S GUN ROOM ANTIQ & MODRN WEAPONS (125)		
	UNION OIL DLRS SERV STN (145)		
	WESTRN TRUCK EXCHANGE TRK DIRS (159)		
	FINLEY E H SERV STN (202)		
	DEL S FOUNTAIN & GRILL (213)		
	CUT RATE SHOE REPAIR (233)		
	VACUUM CLEANER SERVICE CENTER (234)		
	DRUM H A DR (239)		
	PIERSON DAVID C ATTY (239)		
	ROSS EDW M ATTY (239)		
	WOPSCHALL WM A DR OPTMTRST (239)		
	LITTLE ROBT W ATTY (239)		
	LITTLE ROSS & PIERSON ATTYS (239)		
	** E NUTWOOD ST Addresses **		
	GEES STEAK HOUSE (214)		
	J B S LITTLE BALI RESTRNT (217)		
	LITTLE BALI J B S RESTRNT (217)		
	JAYBEE S RESTRNT (217)		
	AGUILAR FRANK FLOWERS BY FRANK (220)		
	ANDYS FLOWER SHOP (220)		
	FLOWERS BY FRANK (220)		
	SANDERS EQUIPT & OFC SUPPLY (226)		
	SANDERS OFC SUPPLIES & EQUIPT (226)		
	** E QUEEN ST Addresses **		
	CIVIL DEFENSE OFFICE OF (105)		
	INGLEWOOD CITY OF CITY HALL (105)		
	ICE FEDERAL CREDIT UNION (105)		
	** S LA BREA AVE Addresses **		
	SOUTHERN CALIFORNIA GAS CO SALES INFOR (158)		
	SOUTHERN CALIFORNIA GAS CO SOUTHWEST D (158)		
	DWYERS SHELL SERV (201)		
	DUDLEY E T DR (204)		
	CHAIKIN S PAINT MART (212)		
	INTERNATL CHARGE (213)		
	ABBEY RENTS SICKRM & PARTY EQUIP (219)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1964 (continued)			
	CLAY WHOLESALE CO (222)		
	INGLEWOOD INSURANCE AGENCY (222)		
	JOHNSON PAINT & WALLPAPER CO (223)		
	JOHNSON WALLPAPER & PAINT CO (223)		
	JOHNSON S PAINT & WALLPAPER CO (223)		
	HELENS MATERNITY FASHIONS (225)		
	FRANK PORTRAITS BY (227)		
	ENGLE S BARBER SHOP LADIES HAIR STYLIN (233)		
	SANDY THE TAILOR (235)		
	ACCURATE RECORDS & BUSINESS SERVICES (241)		
	MOOR MFG INC (241)		
	MCALLISTER S P (241)		
	KINSFATHER PLUMBING HEATING (241)		
	KENT MFG CORP (241)		
	INGLEWOOD SECRETARIAL & ANSWERING SERV (241)		
	INGLEWOOD NEON SIGN CO (241)		
	INGLEWOOD ANSWERING SERV (241)		
	HALLMARK CARPET CLEANERS (241)		
	GENERAL FURNACE & GAS APPLIANCE SERV (241)		
	STURN J M RL EST (241)		
	SONNTAG S PLUMBING SERV (241)		
	SILAS PAUL G POWER TONG SERV (241)		
	ROWLEY LAWRENCE CORPORATION (241)		
	ROBERTS L J & CO INC TERMTE CONTRL (241)		
	PERFECTO INC (241)		
	NATL SCIENTIFIC PRODUCTS CORP (241)		
	ASSOCIATED AUTOMOBILE ADJUSTERS (241)		
	BACKER RICKER CO (241)		
	BILL S MOVING SERV (241)		
	FULTZ EXCAVATING CO (241)		
	FITZNER RAY ROBERTS L J & CO INC TERMT (241)		
	ACON SANDBLASTING CO (241)		
	CENTINELA GLASS & MIRROR CO (251)		
	CENTINELA VALLEY GLASS & MIRROR CO (251)		
	GENERAL GLASS SHOPS INC (251)		
	BOHNET R H DR DC (253)		
	BOHNET R H DR DC (253)		
	LUCIANO CONSTRUCTION CO (255)		
	WILKIN FRED W CPA (255)		
	LUCIANO F LUCIANO CONSTRUCTION CO (255)		
	BENEFICIAL FINANCE CO OF INGLEWOOD (261)		
	GUIDE SERV OF L A INC (261)		

UR ID / *ear*	*Uses*	*Portion-Findings (FIM Information Only)*	*Source*
1964 (continued)			
	BIG 5 STORES SPRTNG GDS (300)		
	LA BREA HEARING AID CENTER (313)		
	TELEX HEARING CENTER LA BREA HEARING A (313)		
	ELK S DINING RM (317)		
	INGLEWOOD ELKS LODGE NO 1492 (317)		
	ELKS LODGE NO 1492 INGLEWOOD (317)		
	SPARKLING CLEANERS (320)		
	SPARKLING CLEANERS (320)		
	SPARKLING CLEANERS & LAUNDERERS (320)		
	** W MANCHESTER AVE Addresses **		
	GONSER BESS MRS (0142)		
	RIVIERA SOFA BED CO (111)		
	RIVIERA SOFA BED CO OF INGLEWOOD (111)		
	OVERBY RL EST (117)		
	OVERBY W G (117)		
	KAISER ENGNRS (121)		
	LASLEY GORDON M PUB ACCT (121)		
	WELCO INC (121)		
	BENEFICIAL STANDARD LIFE INS CO (125)		
	UNITED FINANCIAL CORP OF CALIF (125)		
	A B C CAB CO (127)		
	CHECKER CABS (127)		
	CHECKER TAXI CAB SALES & SERV (127)		
	CRAWFORD S LIMOUSINE SERV (127)		
	INGLEWOOD CAB CO (127)		
	MORNINGSIDE CAB CO (127)		
	YELLOW CAB CO OF INGLEWOOD (127)		
	SO CALIF CHECKER SALES (127)		
	MORNINGSIDE CAB CO (127)		
	DIAMOND CAB CO (127)		
	CRAWFORD C T (127)		
	CHECKER MOTORS SALES (127)		
	A B C CAB CO (127)		
	MOORE EDA INS & BKKPNG (135)		
	ROBERTS MAE (135 1/2)		
	CREASEY THELMA F (137)		
	WRIGHT EDW DR ORTHDNTST (137)		
	MCDONALD FRED MCDONALD REALTY (143)		
	MCDONALD REALTY (143)		
	MCDONALD REALTY (143)		
	EUROPEAN CAR SERV (145)		
	** W MANCHESTER BLVD Addresses **		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1964 (continued)			
	ADMAIL CONSULTANTS INC (125)		
	MODERNE MOTEL (139)		
	** W QUEEN ST Addresses **		
	GIRL SCOUTS COUNCILS CENTINELA VALLEY (101)		
	GIRL SCOUTS COUNCILS CENTINELA VALLEY (101)		
	WRONA IDAVA (114)		
	WRONA JOHN (114)		
	TARBELL MARIE B (122)		
	JOHNSON ELLA C (128)		
	THORPE GARY L (136 1/2)		
	MATHEWS S S MD (140)		
	QUEEN HOTEL (146)		
	** N GREVILLEA AVE Addresses **		
	BUKOWSKI STEPHEN (217)		
	** S GREVILLEA AVE Addresses **		
	DOUGHARTY AMY L (109)		
	MCGINN NADINE MRS (109 1/2)		
	DELP JAS L (111)		
	MASONIC TEMPLE OF INGLEWOOD NO 421 (230)		
	PICKETT PAULINE (322)		
	WISNESKI AUDREY (322B)		
	STURGEON NELLE I (324)		
1965	Address not Listed in Research Source		R. L. Polk & Co.
1966	** W QUEEN Addresses **		THE PACIFIC TELEPHONE AND
	ANGELES GIRL SCOUT COUNCIL BRANCH OFFI (101)		
1967	** E QUEEN Addresses **		R. L. POLK & CO.
	CIVIL DEFENSE OFC OF (105)		
	INGLEWOOD CITY OF CITY HALL (105)		
	** S GREVILLEA Addresses **		
	SOUTHERN CALIFORNIA GAS CO FOR ADMINIS (300)		
	** S LA BREA Addresses **		
	WESTRN GIRL INC LOCAL BRANCH OFFICES (261)		
	SPARKLING CLEANERS (320)		
	SPARKLING CLEANERS (320)		
	** W QUEEN Addresses **		
	MATHEWS S S MD ING (140)		
1969	Address not Listed in Research Source		R. L. Polk & Co.
1970	** S LA BREA AVE Addresses **		PACIFIC TELEPHONE

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1970 (continued)			
	JOHNSON PAINT &* WALLPAPER CO (223)		
	SPARKLING CLEANERS (320)		
	** W QUEEN ST Addresses **		
	ANGELES GIRL SCOUT COUNCIL ADMINISTRAT (101)		
	ANGELES GIRL SCOUT COUNCIL BRANCH OFFI (101)		
	** S LA BREA Addresses **		
	FAGAN WILLIAM H PUB ACCT (216)		
	** W QUEEN Addresses **		
	ANGELES GIRL SCOUT COUNCIL (101)		
	** W QUEEN ST Addresses **		
	ANGELES GIRL SCOUT COUNCIL BRANCH OFFI (101)		
1971	Address not Listed in Research Source		PACIFIC TELEPHONE
1972	Address not Listed in Research Source		R. L. POLK & CO.
1975	Address not Listed in Research Source		PACIFIC TELEPHONE
1976	** E MANCHESTER BLVD Addresses **		PACIFIC TELEPHONE
	RIVIERA CONVERTIBLES LOS ANGELES (100)		
	EASY TRAVEL AGENCY INC ING (130)		
	** W MANCHESTER BLVD Addresses **		
	INGLEWOOD CITY OF (101)		
	EUROPEAN CAR SERVICE ING (145)		
1980	** S LA BREA AVE Addresses **		PACIFIC TELEPHONE
	BENEFICIAL FINANCE COMPANIES INGLEWOOD (261)		
	PIP AIRPORT (312)		
1981	** E MANCHESTER BLVD Addresses **		PACIFIC TELEPHONE
	EASY TRAVEL AGENCY INGLEWOOD (130)		
	& MANCHESTER BL INGLEWOOD (202)		
	C W C A INGLEWOOD (239)		
	CALIFORNIA WOMEN S COMMISSION ON ALCOH (239)		
	** E NUTWOOD Addresses **		
	SOUTHERN CALIFORNIA GAS COMPANY BUSINE (100)		
	SOUTHERN CALIFORNIA GAS COMPANY DIVISI (100)		
	** S LA BREA AVE Addresses **		
	FRANK PDRTRAITS BY INC INGLEWOOD (227)		
	FIRST UNITED STATIONERS INC INGLEWO (240)		
	BOHNET R H DC INGLEWOOD (253)		
	BOHNET R H DC INGLEWOOD (253)		
	ELKS LODGE NO 1492 INGLEWOOD INGLEW (317)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1981 (continued)	** S LA BREA Addresses **		
	I L A MORTGAGE CO INGLEWOOD (261)		
	** W MANCHESTER BLVD Addresses **		
	EUROPEAN CAR SERVICE INGLEWOOD (145)		
	** MANCHESTER BLVD Addresses **		
	BERG R G & ASSOCIATES ADJSTR INGLEW (1)		
	BROWN CORNELL CO INS INGLEWOOD (1)		
	BRYANT NEIL REALTY CO INGLEWOOD (1)		
	COMMERCIAL SERVICES ENTERPRISES ING (1)		
	CORNELL MENDOZAAA INSURANCE AGENCY (1)		
	PARKMAN WINSTON W ATTY INGLEWOOD (1)		
	TAYLOR THRIS VAN ATTY INGLEWOOD (1)		
	TUCKER CURTIS R ASSEMBLYMAN 50TH DIST (1)		
	VAN TAYLOR THRIS ATTY INGLEWOOD (1)		
	** ONE MANCHESTER BLVD Addresses **		
	COHAN CHAS G ATTY INGLEWOOD ()		
	HOVIAND CARL M SULLIVAN HAROLD V II A ()		
	KAPLAN ROBERT S SULLIVAN HAROLD V II A ()		
	KRENTZMAN & KRITZER ATTYS INGLEWOOD ()		
	LAYDEN THOMAS J SULLIVAN HAROLD V II A ()		
	SULLIVAN HAROLD V II A PROFESSIONAL CO ()		
1985	** E NUTWOOD ST Addresses **		PACIFIC BELL
	SOUTHERN CALIFORNIA GAS COMPANY DIVISI (100)		
	** S LA BREA AVE Addresses **		
	POSTAL INSTANT PRESS PIP (312)		
1986	** E MANCHESTER BLVD Addresses **		PACIFIC BELL
	EASY TRAVEL AGENCY INGLEWOOD (130)		
	CONROYS FLORISTS INGLEWOOD (202)		
	KENT ERMA E K S HAIR-PORT INGLEWOOD (237)		
	C W C A INGLEWOOD (239)		
	CALIFORNIA WOMEN S COMMISSION ON ALCOH (239)		
	** S LA BREA AVE Addresses **		
	LJB PROPERTIES INVESTMENTS INGLEWOO (160)		
	INGLEWOOD THRIFT & LOAN INGLEWOOD (170)		
	PACIFIC THRIFT & LOAN INGLEWOOD (170)		
	BERG R G & ASSOCIATES ADJSTR INGLEW (204)		
	ITT FINANCIAL SERVICES (210)		
	CHAIKIN S PAINT MART INGLEWOOD (212)		
	PAINT MART INC INGLEWOOD (212)		
	CALIFORNIA CHECK CASHING MAIN OFC (214)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1986 (continued)			
	SOUTHERN CALIFORNIA GAS COMPANY BUSINE (214)		
	VITAMIN FORUM INGLEWOOD (225)		
	JACOBY & MEYERS LAW OFFICES (238)		
	CENTINELA GLASS & MIRROR CO INGLEWO (239)		
	CENTINELA VALLEY GLASS S MIRROR CO (239)		
	KENNY SEARS GLASS INGLEWOOD (239)		
	SEARS KENNY GLASS (239)		
	FIRST UNITED STATIONERS INC INGLEWO (240)		
	PHASE III INGLEWOOD (241)		
	PIONEER SCREEN INGLEWOOD (241)		
	CERTIFIED EQUIPMENT SALES COMPANY I (247)		
	GLOBAL MORTGAGE CORP INGLEWOOD (261)		
	NATIONAL FIRST MORTGAGE CORP INGLEW (261)		
	UNITED INTERNATL MORTGAGE & INVST CO (261)		
	PIP PRINTING CORPORATE HEADQUARTERS (312)		
	SPARKLING CLEANERS MAIN OFC & PLANT (320)		
	** S LA BREA Addresses **		
	SOUTHERN CALIFORNIA EDISON CO LOCAL BU (214)		
	** MANCHESTER BLVD Addresses **		
	TAYLOR THRIS VAN ATTY INGLEWOOD (1)		
	TUCKER CURTIS R ASSEMBLYMAN 50TH DISTR (1)		
	VAN TAYLOR THRIS ATTY INGLEWOOD (1)		
	** ONE MANCHESTER BLVD Addresses **		
	HARTMAN W MICHAEL INGLEWOOD ()		
	SULLIVAN HAROLD V II A PROFESSIONAL CO ()		
1990	** E MANCHESTER BLVD Addresses **		PACIFIC BELL
	FREE LAS VEGAS TRIP TRAFFIC SCHOOL (106)		
	LAS VEGAS TRIP-TRAFFIC SCHOOL INGLE (106)		
	CONROY S FLORISTS (202)		
	KEN MR INGLEWOOD (237)		
	MR KEN INGLEWOOD (237)		
	KENT ERMA E K S HAIR-PORT INGLEWOOD (237)		
	** E NUTWOOD AVE Addresses **		
	DIVISION HEADQUARTERS (100)		
	** W MANCHESTER BLVD Addresses **		
	LOS ANGELES AREA CHILD PASSENGER SAFET (123)		
1991	** E MANCHESTER BLVD Addresses **		PACIFIC BELL
	IVY S WEIGHT LOSS MEDICAL CENTER (106)		
	** S LA BREA AVE Addresses **		
	JACOBY & MEYERS LAW OFFICES (238)		

PUR ID Year	Uses	Portion-Findings (FIM Information Only)	Source
1995	** E MANCHESTER BLVD Addresses **		PACIFIC BELL
	IVY S WEIGHT LOSS MEDICAL CENTER (106)		
	IVY S WEIGHT LOSS MEDICAL CENTER IN (106)		
	CONROY S FLOWERS (202)		
	** S LA BREA AVE Addresses **		
	NEW WORLD JEWELERS THE INGLEWOOD (170)		
	COOK VIRGINIA ATTY INGLEWOOD (204)		
	COOK VIRGINIA LAW OFFICES OF INGLEW (204)		
	PAINT MART INC INGLEWOOD (212)		
	GLASS MIRROR & STOREFRONT CO INGLEW (239)		
	GLASS MIRROR & STOREFRONT CO INC THE (239)		
	FIRST UNITED STATIONERS INC INGLEWO (240)		
	GLOBAL MORTGAGE CORP INGLEWOOD (261)		
	WORLD WON FOR CHRIST CHRISTIAN ACADEMY (317)		
	SPARKLING CLEANERS INGLEWOOD (320)		
	** W MANCHESTER BLVD Addresses **		
	LOS ANGELES AREA CHILD PASSENGER SAFET (123)		
	TUCKER CURTIS R HEALTH CARE CENTER (123)		
	SAFETY BELT SAFE USA INGLEWOOD (123)		
	** MANCHESTER BLVD Addresses **		
	TUCKER CURTIS R ASSEMBLYMAN 5ST DISTRI (1)		
	VAN TAYLOR THRIS ATTY INGLEWOOD (1)		
2000	Address not Listed in Research Source		HAINES & COMPANY

Glossary of Terms

A.A.A.

Aerial photograph flyer: Agriculture Adjustment Administration (Federal).

A.S.C.S

Aerial photograph flyer: Agricultural Stabilization and Conservation Service (Federal)

Address in Research Source

Indicates that a property is listed at a different address than the one provided by the user. Generally occurs when a property is located on a corner or, when the physical address of a property is different than its mailing address.

Address Not Listed in Research Source

Occurs when a specific site address is not listed in city directories and/or fire insurance maps.

Adjoining

Any property that is contiguous, or a property that would be contiguous if not for a public thoroughfare, to the target property. *To differentiate from each adjoining property, stand at the target property's "front door" facing the street.*

Adjoining Back

Property directly to the rear of the target property. (Applies only to fire insurance map data.)

Adjoining Front

Property directly in front of the target property. (Applies only to fire insurance map data.)

Adjoining Left

Property directly to the left of the target property. (Applies only to fire insurance map data.)

Adjoining Right

Property directly to the right of the target property. (Applies only to fire insurance map data.)

Adjoining Surrounding Area

Property that may adjoin the target property but due to lack of specific map information cannot be located precisely. This situation typically occurs when city directory information, but not fire insurance map information, is available.

C.A.S

Aerial photograph flyer: Chicago Aerial Survey (private).

C.S.S.

Aerial photograph flyer: Commodity Stabilization Service (Federal).

Cartwright

Aerial photograph flyer: Cartwright (private)

CD

City Directory

Commercial

Any property including, but not limited to, property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units.

Commercial or Industrial

Property that has either a commercial *or* an industrial use. Examples include retail stores, manufacturing facilities, factories, and apartment buildings.

D.N.R.

Aerial photograph flyer: Department of National Resources (state).

D.O.T.

Aerial photograph flyer: Department of Transportation (state).

Fairchild

Aerial photograph flyer: Fairchild (private).

FIM

Fire Insurance Map

Flood Insurance Rate Maps

Flood Insurance Rate Maps are produced by the Federal Emergency Management Agency (FEMA). These maps indicate special flood hazard areas, base flood elevations and flood insurance risk zones.

Flood Prone Area Maps

Flood Prone Area maps are produced by the United States Geological Survey (USGS). Areas identified as flood prone have been determined by available information gathered from past floods.

F.S.

Aerial photograph flyer: Forest Service (Federal).

Geonex

Aerial photograph flyer: Geonex (private).

M.C.

Aerial photograph flyer: Metropolitan Council of the Twin Cities Area (state).

Mark Hurd

Aerial photograph flyer: Mark Hurd (private)

N.A.P.P.

Aerial photograph flyer: National Aerial Photography Program (Federal).

National Wetland Inventory Maps

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a division of the U.S. Department of the Interior. Wetland and deepwater habitat information is identified on a 7.5 minute U.S.G.S. topographic map. The classification system used categorizes these habitats into five systems: marine, estuarine, riverine, lacustrine and palustrine.

No Return

Indicates that site owner was unavailable at time of surveyor's contact. *(Applies only to city directories.)*

No Structure Identified on Parcel

Used when site boundaries and/or site address is indicated on a fire insurance map: no structure details exist.

Other

Occurs when the site's classification is different that EDR's standard categories. Examples may include undeveloped land and buildings with no specified function.

P.M.A.

Aerial photograph flyer: Production and Marketing Administration (Federal).

Pacific Aerial

Aerial photograph flyer: Pacific Aerial (private)

Portion

Refers to the fire insurance map information identified on the four quadrants of a target or adjoining property. The portions are referred to as *Frontright*, *Frontleft*, *Backright*, and *Backleft* and are determined as if one were standing at the front door, facing the street.

Property Not Defined

Used when property is not clearly demarcated on a fire insurance map.

Residential

Any property having fewer than five dwelling units used exclusively for residential purposes.

Residential with Commercial Uses (a.k.a. Multiple Purpose Address)

A business (firm) and residence at the same address. Examples include a doctor, attorney, etc. working out of his/her home.

Sidwell

Aerial photograph flyer: Sidwell (private).

Site Not Mapped

Occurs when an adjoining property has not been mapped by fire insurance map surveyors. (Applies only to fire insurance map data.)

Teledyne

Aerial photograph flyer: Teledyne (private)

Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS). These maps are color coded line and symbol representations of natural and selected artificial features plotted to scale.

Turnbow

Aerial photograph flyer: Michael Turnbow (private)

U.S.D.A.

Aerial photograph flyer: United States Department of Agriculture (Federal).

U.S.D.I.

Aerial photograph flyer: United States Department of the Interior (Federal).

U.S.G.S.

Aerial photograph flyer: United States Geological Survey (Federal).

Vacant

May refer to an unoccupied structure or land. *Used only when fire insurance map or city directory specifies 'vacant.'*

W.P.A.

Aerial photograph flyer: Works Progress Administration (Federal).

WALLACE

Aerial photograph flyer: Wallace (private).

APPENDIX C

REFERENCES

REFERENCES

1. The California Department of Conservation, Division of Oil and Gas and Geothermal Resources Regional Wildcat Map W1-5 and Oil Field Map 123.
2. The US Geological Survey Inglewood Quadrangle, Los Angeles County, California.
3. The State of California, Department of Water Resources, Bulletin No. 104, Planned Utilization of the Groundwater Basins of the Coastal Plains of Los Angeles County dated June 1961, Reprinted May 1990.
4. Aerial photographs reviewed:

YEAR	SOURCE
1928	EDR/Fairchild
1947	EDR/Fairchild
1952	EDR/Pacific Air
1965	EDR/Fairchild
1976	EDR/Teledyne
1989	EDR/ USGS
1994	EDR/ USGS

Appendix C
Low Impact Development Report

700 S. Flower Street, Suite 2100 Los Angeles, CA 90017 213.418.0201 kpff.com

LOW IMPACT DEVELOPMENT (LID) PLAN

Inglewood High School Modernization

Package 1, 2, & 4

231 South Grevillea Avenue, Inglewood, CA 90301

KPFF Job # 2200103

May 30, 2025

PREPARED BY:

KPFF Consulting Engineers

700 S. Flower Street, Suite 2100

Los Angeles, California 90017

T (213) 418-0201

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Appendix C LID Plan and Details

Appendix D Covenant and Agreement + Operation and Maintenance Plans

Appendix E Geotechnical Engineer Recommendation and Soils Approval Letter

I. INTRODUCTION

A. Vicinity Map



B. Project Description

This project is located at 231 South Grevillea Avenue, Inglewood, CA 90301 and sits on an 18.24-acre site. The project will be split into three packages, each with separate and unique construction schedules. This LID report will cover the scope of all packages: 1, 2, and 4. Package 1 and 2 will consist of one LID design and package 4 will consist of its own LID design. The project site is bounded by Manchester

Boulevard to the north, Grevillea Avenue to the east, Kelso Street to the south, and residential developments to the west.

The development involves the demolition of existing campus buildings, paved surfaces, grass fields, basketball courts, and a parking lot. The proposed developments consist of educational buildings, paved walkways, a reconfigured parking lot, basketball courts, and a turf athletic field. The development will also propose accessible paths of travel to various areas within the site, including, but not limited to, student buildings, courtyards, and accessible parking spaces.

C. Purpose and Scope

The project falls under the jurisdiction of the Division of the State Architect (DSA). The purpose of the report is:

- To reduce the proposed development's impact on existing hydrological conditions.
- To provide sufficient detailed information to support hydraulic design of storm drainage facilities.
- To minimize, to maximum extent practicable, the introduction of pollutants of concern that may result in significant impacts generated from site runoff directly connected to the stormwater conveyance system.

The site improvements will need to include post-construction stormwater best management practices (BMP's) to comply with current stormwater regulations. Operations and maintenance are required at each post-construction BMP, as specified in this report.

D. Drainage Conditions

Existing Drainage

Under existing conditions, the runoff from building roofs is discharged at-grade via roof drains and downspouts and sheet flows to on-site catch basins. Hardscape and landscaped areas are collected by a series of catch basins that discharge below grade into the existing underground storm drain system that ultimately discharges into the existing 27" reinforced concrete pipe (RCP) storm drain on Kelso Street. The existing 27" RCP pipe is owned and maintained by the Los Angeles County Flood Control District. Small portions along the north and south side of the project site sheet flow to Manchester Boulevard and Kelso Street, respectively. A small portion along the east side sheet flows to Grevillea Avenue.

It is unknown whether there is an existing stormwater treatment system implemented for the existing site conditions. See Appendix A for the existing drainage map.

Proposed Drainage

Package 1 and 2

Under proposed conditions, hardscaped and landscaped areas will sheet flow to several proposed area drains and catch basins located throughout the site and connected to the proposed underground storm drain network. Portion of the roof drainage system for Buildings 1, 3A, and 3B will connect to the underground storm drain system. Stormwater of these areas will be routed to a combined system that includes (3) drywells and an underground detention tank before it overflows to the existing 27" RCP storm drain pipe on Kelso Street. The eastern portion of the roof drainage system for Buildings 1, 3A, and 3B and adjacent landscaped areas will drain to proposed biofiltration planters located adjacent to Grevillea Avenue. Any stormwater entering these biofiltration planters that exceeds the 85th percentile storm event will overflow and discharge directly to the existing 27" RCP pipe on Kelso Street.

Package 4

Under proposed conditions, package 4 will include a new turf athletic field and landscaped areas. Given that the developments of this package are in its preliminary stages, the LID design will consider a combination of biofiltration planters and drywell(s). This area is intended to sheet flow into biofiltration planters with the residual design volume entering the drywells for deep infiltration.

The proposed BMPs will provide the required stormwater quality treatment as required by the County of Los Angeles Department of Public Works Low Impact Development Standards Manual, dated February 2014. See Appendix B for LID Calculations and Appendix C for LID Plan and Details. The proposed storm drain overflow pipe is sized based on the 25-year storm event.

E. Proposed Low Impact Design Results

Calculation results are based on *the County of Los Angeles Department of Public Works Low Impact Development Standards Manual*, dated February 2014. Methods for calculating Standard Urban Stormwater Mitigation Plan flow rates and volumes are based on the 85th Percentile, 24-hour rain event determined from the *County of Los Angeles Department of Public Works Hydrology Map*. BMPs are prioritized in order of design preference (per the County of Los Angeles LID Handbook). The allowable BMP methods (in order of priority) are:

1. BMPs that promote infiltration;
2. BMPs that store and beneficially use stormwater runoff; and,
3. BMPs that utilize runoff for water conservation use include, but not limited to, BMPs that incorporate vegetation to promote pollutant removal and runoff volume reduction and integrate multiple uses, and BMPs that percolate runoff through engineered soil and allow it to discharge downstream slowly.

Based on the geotechnical report, infiltration is considered feasible only at the southern side of the project site where a drywell system is being proposed for packages 1 and 2. At the northern side where infiltration is not feasible, lined biofiltration planters are being proposed to mitigate the portion of the proposed building's roof runoff for package 1. Package 4 infiltration testing is pending to determine if infiltration is feasible. See Appendix E for Geotechnical Report. To treat the on-site runoff, the project will utilize a combination of drywells, underground detention tank, and biofiltration BMPs to treat the 85th percentile storm of 1.08 inches of rainfall.

Site specific hydrological analyses for LID calculations for the developed conditions are shown in Appendix B. As stated earlier in the report, the site is broken down into three different packages. Tables 1, 2, and 3 show the site's subdrainage areas and their corresponding required treatment flows and storage volume requirements. Treatment flows were calculated using the Los Angeles County Public Works HydroCalc Calculator. See Appendix A for drainage management areas (DMA's) and Appendix B for LID calculations.

LID Summary: Drywell(s) + Detention Tank						
Drainage Area	Area (SF)	Impervious Area (SF)	Pervious Area (SF)	Q_{85th} (CFS)	$V_{85th,REQUIRED}$ (CF)	$V_{85th,PROVIDED}$ (CF)
Pkg 1+2 (DMA-1)	384,125	308,510	75,615	1.56	25,380	25,380

Table 1 – LID Summary

LID Summary: Biofiltration Planter						
Drainage Area	Area (SF)	Impervious Area (SF)	Pervious Area (SF)	Q_{85th} (CFS)	Area $_{REQUIRED}$ (SF)	Area $_{PROVIDED}$ (SF)
Pkg 1 – Building 1 (DMA-2)	11,490	11,490	0	0.09	985	1,620
Pkg 1 – Building 3A (DMA-3)	8,985	8,985	0	0.08	770	890
Pkg 1 – Building 3B	7,275	7,275	0	0.07	625	715

(DMA-4)						
Pkg 1 – Parking Lot (DMA-5)	55,715	46,045	9,670	0.30	4,040	7,000
Pkg 4 (DMA-6)	192,890	87,360	105,530	0.43	8,500	8,500

Table 2 – LID Summary

LID Summary: Drywell(s)						
Drainage Area	Area (SF)	Impervious Area (SF)	Pervious Area (SF)	Q_{85th} (CFS)	$V_{85th,REQUIRED}$ (CF)	$V_{85th,PROVIDED}$ (CF)
Pkg 4 (DMA-6)	192,890	87,360	105,530	0.43	7,925	7,295

Table 3 – LID Summary

II. BEST MANAGEMENT PRACTICES (BMP'S)

A. Structural BMPs

1. Maxwell Drywell

A total of three drywells are being proposed to mitigate a portion of the runoff generated in packages 1 and 2. The storm drain system, which consists of catch basins, area drains, and an underground storm drain pipe network discharges first into the pre-treatment system and then ultimately into the drywells system. The drywells are meant to allow stormwater to infiltrate underlying soils. The stormwater volume not capable of infiltrating will be discharged into an underground storage tank. One drywell is being proposed for package 4 in combination with biofiltration planters.

Calculations are attached in Appendix B.

2. Oldcastle StormCapture

The stormwater volume not capable of infiltrating will be discharged into an underground storage tank. The detention tank is meant to slowly release stormwater back into the drywells for infiltration. Any stormwater exceeding the 85th percentile volume will overflow out the detention tank and discharge into the existing 27" RCP on Kelso Street.

Calculations are attached in Appendix B.

3. Biofiltration Planters

Biofiltration planters are located to the east of the proposed Buildings 1, 3A, and 3B (within package 1 and 2) and designed to treat roof stormwater from portion of the roofs. The southern parking lot (within

packages 1 and 2) will sheet flow into additional biofiltration planters. Additionally, package 4 will also propose the use of biofiltration planers in combination with a drywell.

Biofiltration systems use vegetation and soil or other infiltration media to treat stormwater runoff. Stormwater passes through the vegetation and infiltration media to remove pollutants of concern.

B. Non-Structural BMPs

1. Education and Training

Annual training of employees in chemical management and proper methods of handling and disposal of waste shall be provided. Employees should understand the on-site BMPs and their maintenance requirements.

2. Operation and Maintenance

All BMPs shall be operated, monitored, and maintained for the life of the project. All structural BMPs shall be inspected, cleaned out, and where necessary, repaired, at the minimum frequency each respective BMP maintenance guide states. Refer to Appendix D for operation and maintenance guides.

Debris and other water pollutants removed from structural BMPs during cleanout shall be contained and disposed of in a proper manner. The drainage system and the associated structures and BMPs shall be maintained according to manufacturer's specifications and to ensure maximum pollutant removal efficiencies.

Appendix A

Drainage Maps

PACKAGE 4
EXISTING CONDITIONS

IMPERVIOUS AREA: 59,800 SF
PERVIOUS AREA: 127,800 SF

PACKAGE 2
EXISTING CONDITIONS

IMPERVIOUS AREA: 138,200 SF
PERVIOUS AREA: 55,000 SF

PACKAGE 1
EXISTING CONDITIONS

IMPERVIOUS AREA: 297,800 SF
PERVIOUS AREA: 41,400 SF



EXISTING DRAINAGE CONDITIONS

N

0 20' 40'
SCALE: 1"=40'

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INGLEWOOD HIGH SCHOOL

PACKAGE 1 - NEW CONSTRUCTION BLDGS #1, #2, #3 & #4
INCREMENT 2

231 S. GREVILLEA AVENUE
INGLEWOOD, CA 90301

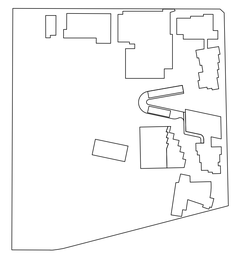
PROJECT NUMBER 22947

REGISTERED PROFESSIONAL ENGINEER
PHILIPPE B. PRIOUL
No. C77244
Exp. 6/30/25
CIVIL
STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

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PACKAGE 4
PROPOSED CONDITIONS

TOTAL AREA: 192,890 SF
IMPERVIOUS AREA: 87,360 SF
PERVIOUS AREA: 105,530 SF

MINIMUM PLANTER AREA REQUIRED: 8,500 SF

MINIMUM DRYWELLS REQUIRED: 1

PACKAGE 2
PROPOSED CONDITIONS

TOTAL AREA: 194,025 SF
IMPERVIOUS AREA: 176,060 SF
PERVIOUS AREA: 17,965 SF

PACKAGE 1
PROPOSED CONDITIONS (EXCLUDES BLDG 1, 3A, 3B, PARKING LOT, PKG 3)

TOTAL AREA: 190,100 SF
IMPERVIOUS AREA: 132,450 SF
PERVIOUS AREA: 57,650 SF

PACKAGE 1
PROPOSED CONDITIONS (BLDG 3A)

ROOF AREA: 8,985 SF
MINIMUM PLANTER AREA REQUIRED: 770 SF
PLANTER AREA PROVIDED: 890 SF

PACKAGE 1
PROPOSED CONDITIONS (BLDG 3B)

ROOF AREA: 7,275 SF
MINIMUM PLANTER AREA REQUIRED: 625 SF
PLANTER AREA PROVIDED: 715 SF

PACKAGE 1 + 2
PROPOSED CONDITIONS (EXCLUDES BLDG 1, 3A, 3B, PARKING LOT, PKG 3)

TOTAL AREA: 384,125 SF
IMPERVIOUS AREA: 308,510 SF
PERVIOUS AREA: 75,615 SF
MINIMUM DRYWELLS REQUIRED: 3

PACKAGE 1
PROPOSED CONDITIONS (BLDG 1)

ROOF AREA: 11,490 SF
MINIMUM PLANTER AREA REQUIRED: 985 SF
PLANTER AREA PROVIDED: 1,620 SF

PACKAGE 1
PROPOSED CONDITIONS (PARKING LOT)

TOTAL AREA: 55,715 SF
IMPERVOUS AREA: 46,045 SF
PERVIOUS AREA: 9,670 SF
MINIMUM PLANTER AREA REQUIRED: 4,040 SF
PLANTER AREA PROVIDED: 7,000 SF

PROPOSED DRAINAGE CONDITIONS

Appendix B
LID Calculations

Peak Flow Hydrologic Analysis

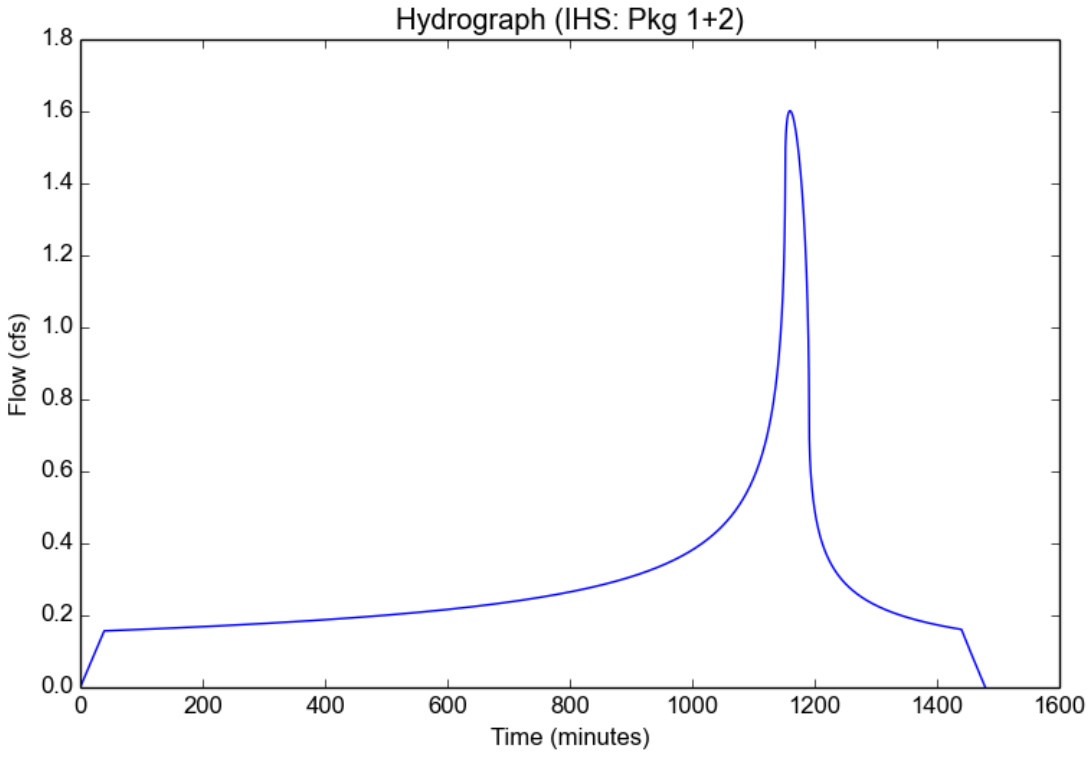
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Version: HydroCalc 1.0.2

Input Parameters

Project Name	IHS
Subarea ID	Pkg 1+2
Area (ac)	8.82
Flow Path Length (ft)	970.0
Flow Path Slope (vft/hft)	0.01
85th Percentile Rainfall Depth (in)	1.08
Percent Impervious	0.8
Soil Type	13
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.08
Peak Intensity (in/hr)	0.2454
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.74
Time of Concentration (min)	39.0
Clear Peak Flow Rate (cfs)	1.6016
Burned Peak Flow Rate (cfs)	1.6016
24-Hr Clear Runoff Volume (ac-ft)	0.5826
24-Hr Clear Runoff Volume (cu-ft)	25376.6937



Peak Flow Hydrologic Analysis

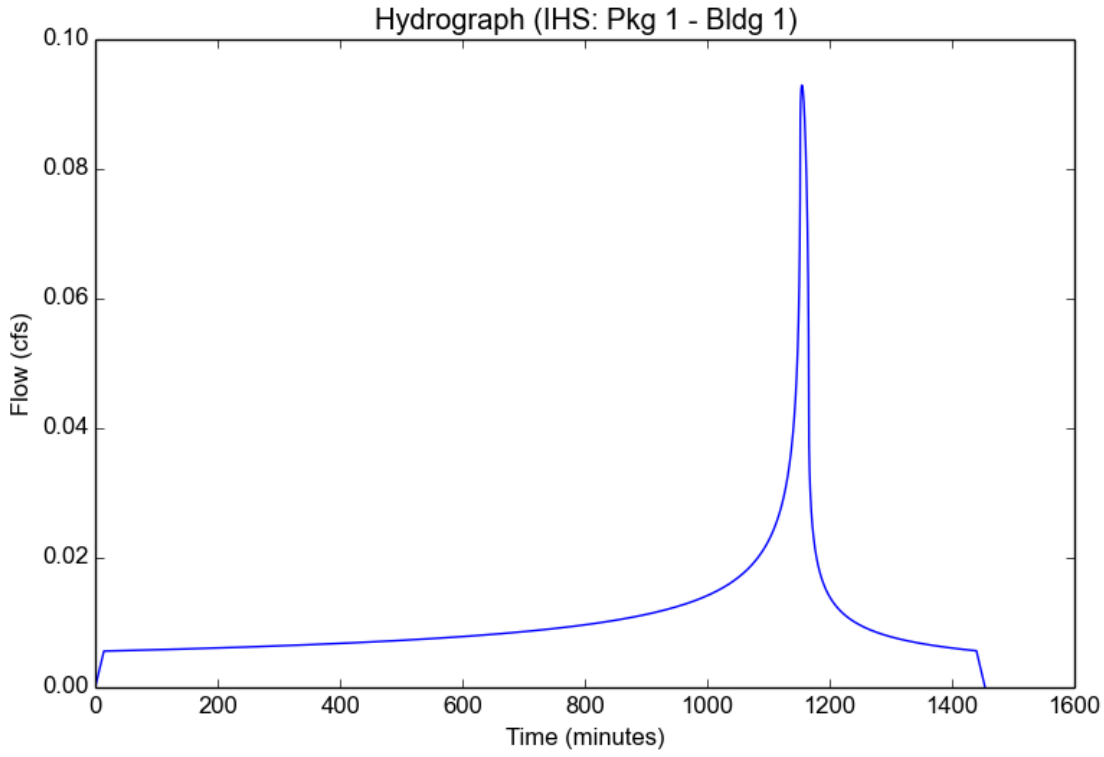
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Input Parameters

Project Name	IHS
Subarea ID	Pkg 1 - Bldg 1
Area (ac)	0.26
Flow Path Length (ft)	250.0
Flow Path Slope (vft/hft)	0.01
85th Percentile Rainfall Depth (in)	1.08
Percent Impervious	1.0
Soil Type	13
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.08
Peak Intensity (in/hr)	0.3972
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	14.0
Clear Peak Flow Rate (cfs)	0.0929
Burned Peak Flow Rate (cfs)	0.0929
24-Hr Clear Runoff Volume (ac-ft)	0.0209
24-Hr Clear Runoff Volume (cu-ft)	909.7943



Peak Flow Hydrologic Analysis

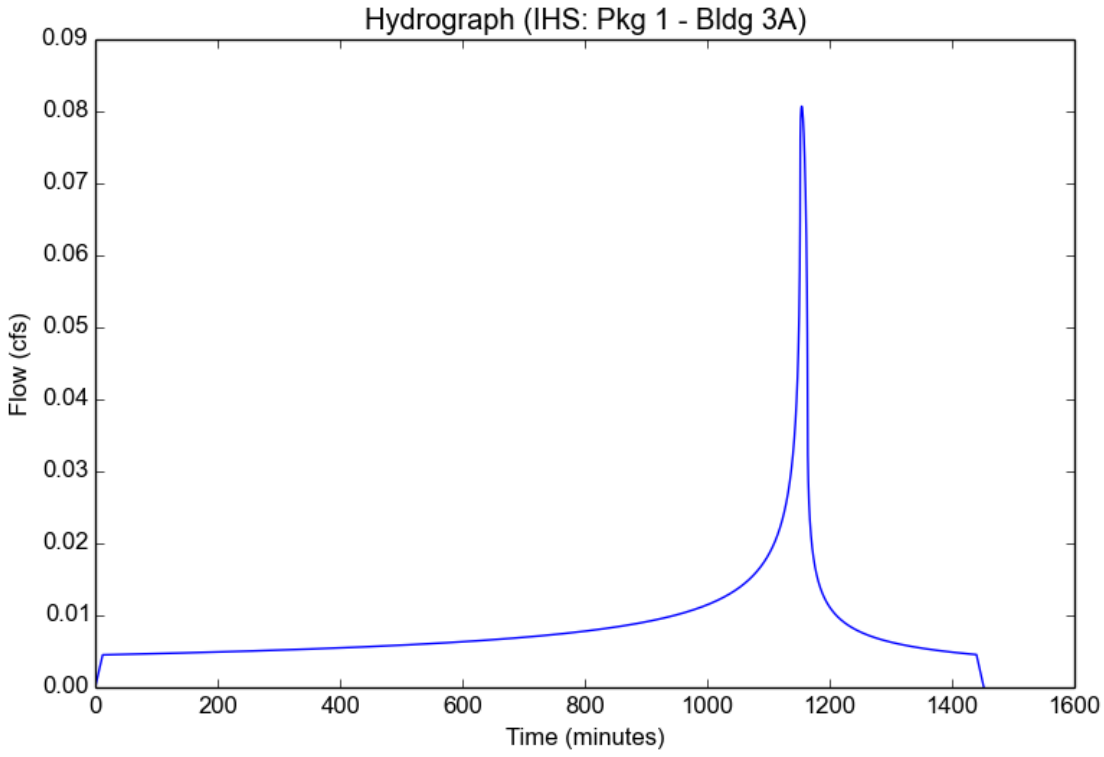
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Input Parameters

Project Name	IHS
Subarea ID	Pkg 1 - Bldg 3A
Area (ac)	0.21
Flow Path Length (ft)	200.0
Flow Path Slope (vft/hft)	0.01
85th Percentile Rainfall Depth (in)	1.08
Percent Impervious	1.0
Soil Type	13
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.08
Peak Intensity (in/hr)	0.427
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	12.0
Clear Peak Flow Rate (cfs)	0.0807
Burned Peak Flow Rate (cfs)	0.0807
24-Hr Clear Runoff Volume (ac-ft)	0.0169
24-Hr Clear Runoff Volume (cu-ft)	734.8333



Peak Flow Hydrologic Analysis

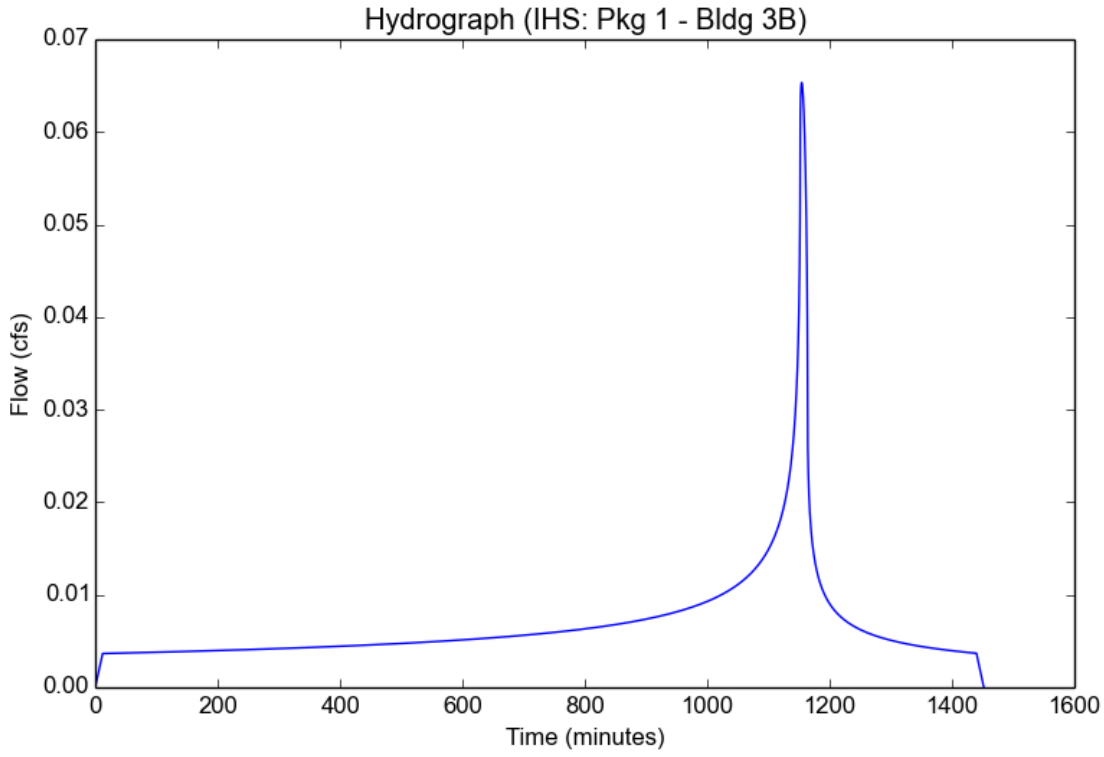
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Version: HydroCalc 1.0.2

Input Parameters

Project Name	IHS
Subarea ID	Pkg 1 - Bldg 3B
Area (ac)	0.17
Flow Path Length (ft)	180.0
Flow Path Slope (vft/hft)	0.01
85th Percentile Rainfall Depth (in)	1.08
Percent Impervious	1.0
Soil Type	13
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.08
Peak Intensity (in/hr)	0.427
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	12.0
Clear Peak Flow Rate (cfs)	0.0653
Burned Peak Flow Rate (cfs)	0.0653
24-Hr Clear Runoff Volume (ac-ft)	0.0137
24-Hr Clear Runoff Volume (cu-ft)	594.8651



Peak Flow Hydrologic Analysis

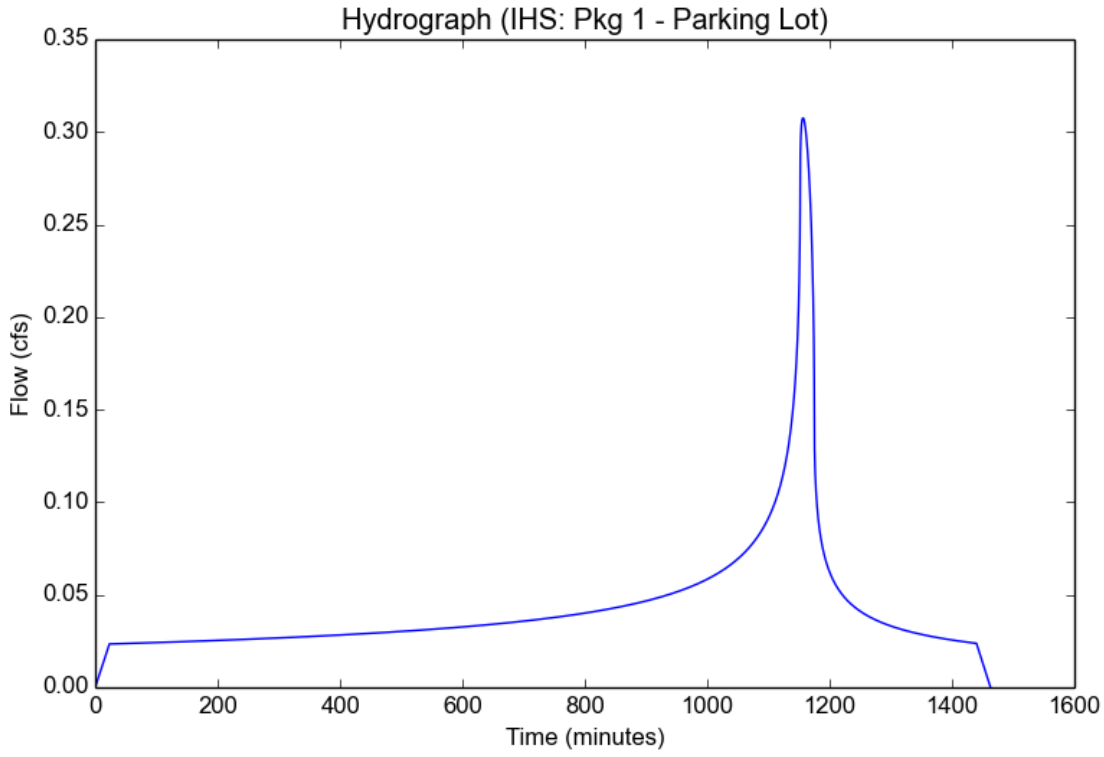
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Input Parameters

Project Name	IHS
Subarea ID	Pkg 1 - Parking Lot
Area (ac)	1.28
Flow Path Length (ft)	430.0
Flow Path Slope (vft/hft)	0.01
85th Percentile Rainfall Depth (in)	1.08
Percent Impervious	0.83
Soil Type	13
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.08
Peak Intensity (in/hr)	0.3145
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.764
Time of Concentration (min)	23.0
Clear Peak Flow Rate (cfs)	0.3076
Burned Peak Flow Rate (cfs)	0.3076
24-Hr Clear Runoff Volume (ac-ft)	0.0873
24-Hr Clear Runoff Volume (cu-ft)	3802.1785



Peak Flow Hydrologic Analysis

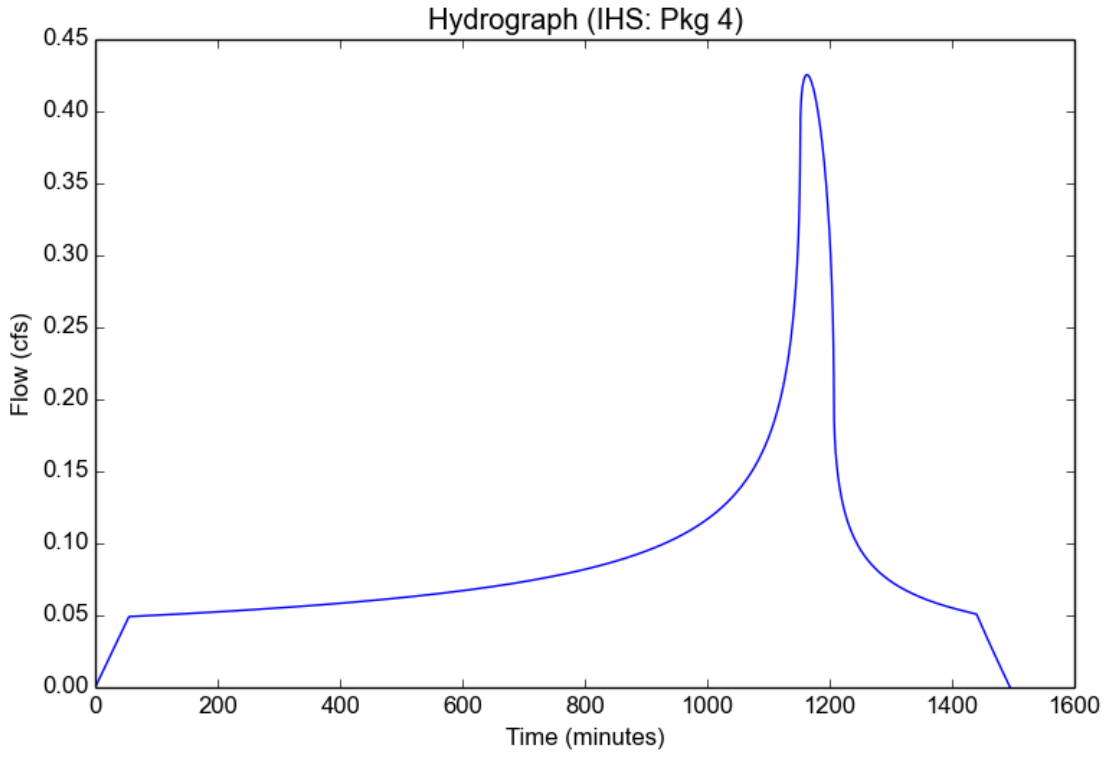
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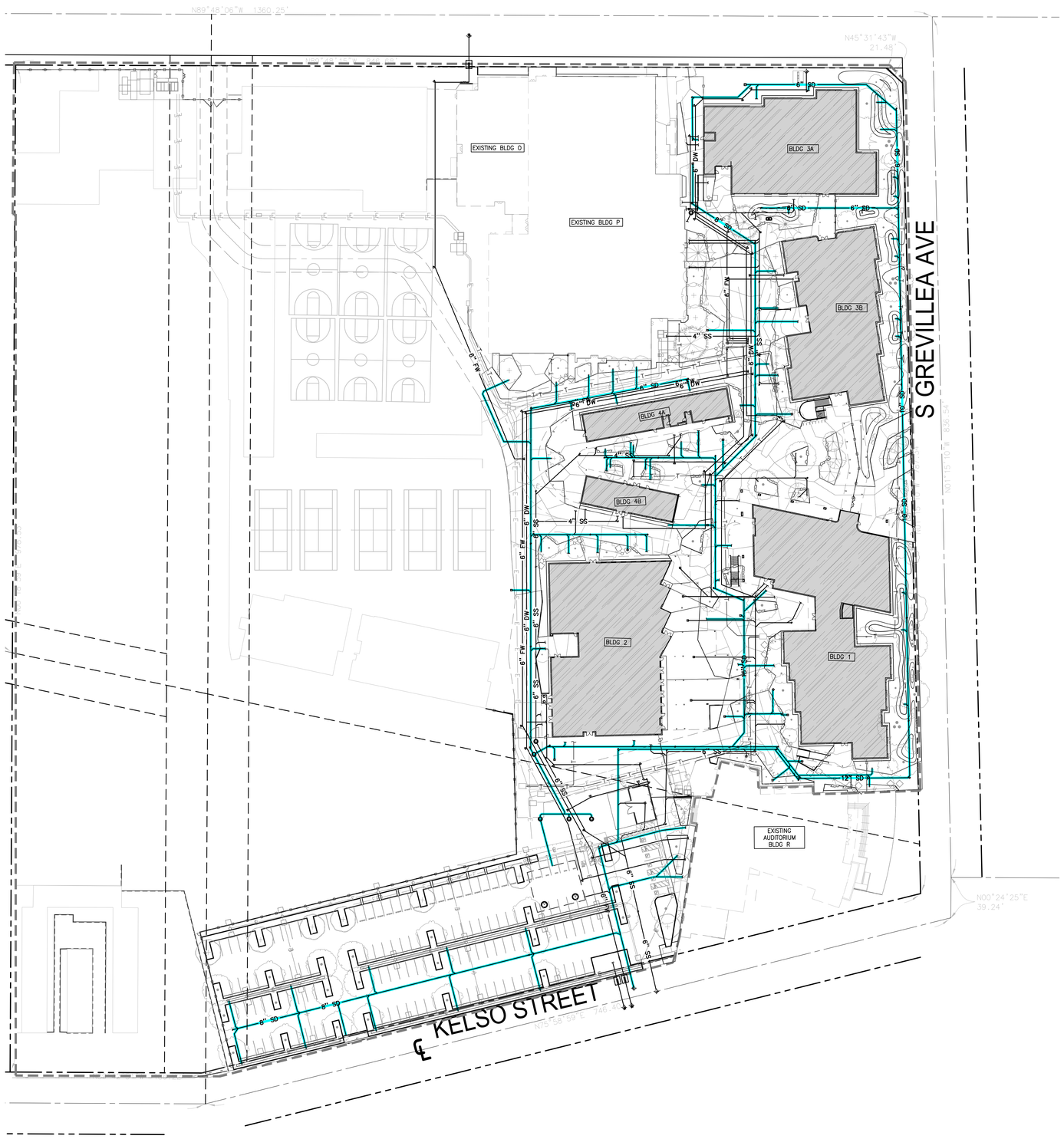
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Subarea ID	Pkg 4
Area (ac)	4.43
Flow Path Length (ft)	1000.0
Flow Path Slope (vft/hft)	0.01
85th Percentile Rainfall Depth (in)	1.08
Percent Impervious	0.45
Soil Type	13
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.08
Peak Intensity (in/hr)	0.2088
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.46
Time of Concentration (min)	55.0
Clear Peak Flow Rate (cfs)	0.4254
Burned Peak Flow Rate (cfs)	0.4254
24-Hr Clear Runoff Volume (ac-ft)	0.1819
24-Hr Clear Runoff Volume (cu-ft)	7923.2772



Appendix C
LID Plan and Details



LEGEND:

- LIMIT OF WORK
- PROPERTY LINE
- SS — SANITARY SEWER
- W — WATER
- DW — DOMESTIC WATER
- FW — FIRE WATER
- SD — STORM DRAIN
- G — GAS
- E — ELECTRIC
- T — TELEPHONE
- PERFORATED PIPE
- POINT OF CONNECTION
- COORDINATION POINT
- CAP OR PLUG
- UTILITY MANHOLE
- UTILITY CLEANOUT
- STORM DRAIN INLET
- AREA DRAIN/PLANTER DRAIN
- TRENCH DRAIN
- FIRE HYDRANT
- THRUST BLOCK
- FIRE DEPARTMENT CONNECTION (FDC)
- POST INDICATOR VALVE (PIV)
- WATER VALVE
- BACKFLOW ASSEMBLY
- UTILITY METER VAULT
- PLANTER AREA/LANDSCAPE (REFER TO LANDSCAPING PLANS FOR DETAILS)
- PROPOSED BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILS)

N
0 20' 40'
SCALE: 1"=40'

INGLEWOOD UNIFIED SCHOOL DISTRICT

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INGLEWOOD HIGH SCHOOL

PACKAGE 1 - NEW CONSTRUCTION BLDGS #1-4 AND SITE WORK
INCREMENT 2

231 S. GREVILLEA AVENUE
INGLEWOOD, CA 90301

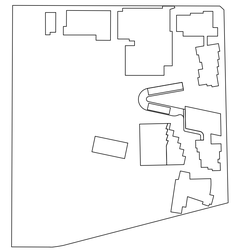
PROJECT NUMBER 22947

REGISTERED PROFESSIONAL ENGINEER
William R. Pronovost
No. C77344
Exp. 6/30/25
CIVIL
STATE OF CALIFORNIA

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#	REVISION DATE	DESCRIPTION



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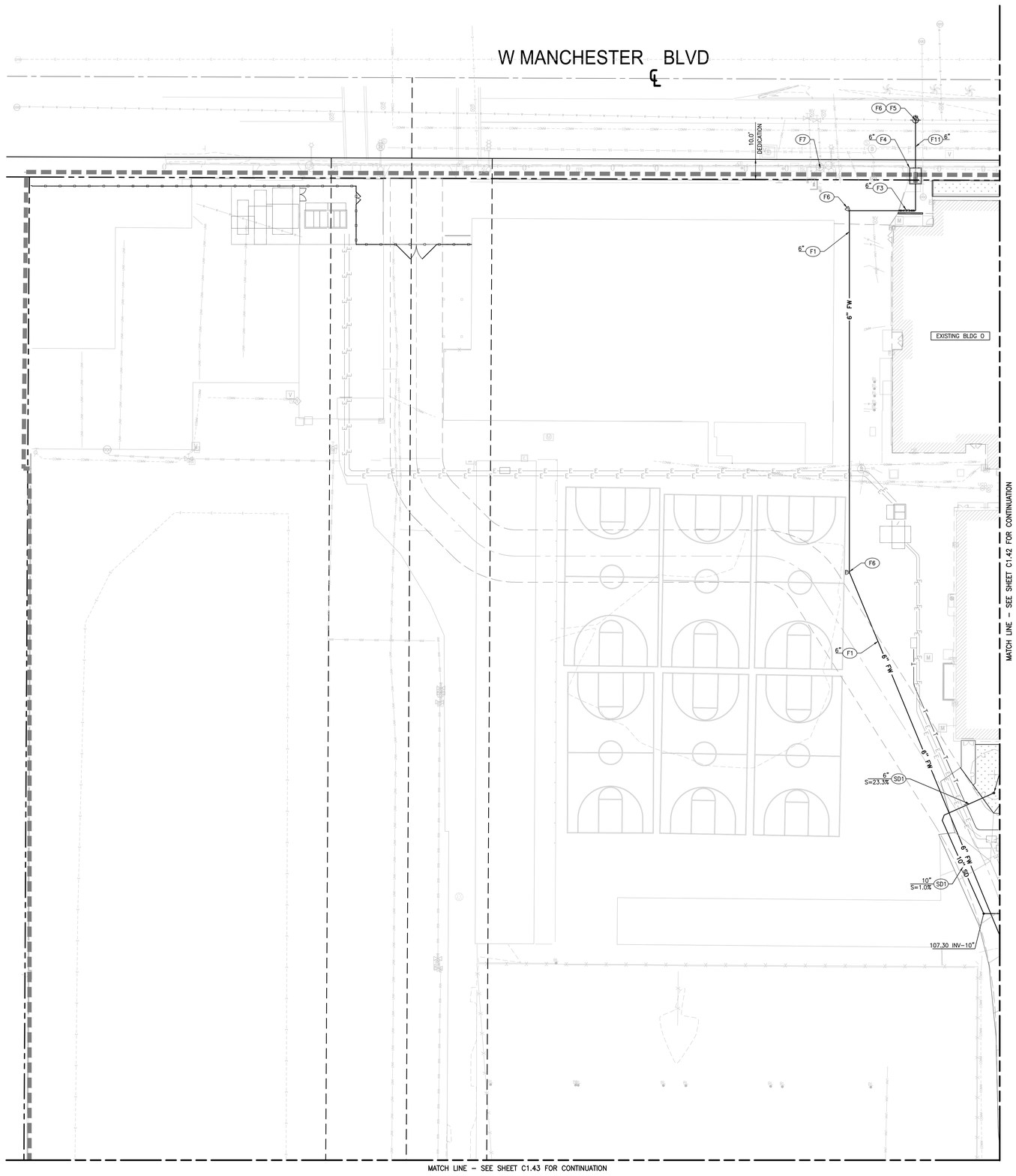
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UTILITY CONSTRUCTION NOTES:

STORM DRAIN

(SD1) PVC, SDR-35 STORM DRAIN PIPE PER DETAIL 5, SHEET C6.00. SIZE AND SLOPE PER PLAN.

(SD2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(SD3) CLEANOUT PER DETAIL 6, SHEET C6.00.

(SD4) PRECAST CONCRETE CATCH BASIN. JENSEN PRECAST PRODUCTS OR APPROVED EQUIVALENT.

(SD5) POINT OF CONNECTION TO EXISTING STORM DRAIN MAIN. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(SD6) STORM DRAIN MANHOLE PER APWA STANDARD PLAN 201-3.

(SD7) OLDCASTLE DRYWELL OR APPOVED EQUIVALENT. PER DETAIL 3, SHEET C6.01.

(SD8) OLDCASTLE PRETREATMENT SYSTEM OR APPROVED EQUIVALENT.

(SD9) PLANTER DRAIN PER DETAIL 7, SHEET C6.00.

(SD10) TRENCH DRAIN PER DETAIL 10 ON SHEET C6.00.

(SD11) CONNECT TO EXISTING PIPE. EXISTING PIPE TO BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION.

(SD12) DOWNSPOUT. SEE ARCHITECTURAL DRAWINGS FOR CONTINUATION.

(SD13) BIOFILTRATION PLANTER PER DETAIL 12 ON SHEET C6.01.

(SD14) OLD CASTLE BIORETENTION TANK OR APPROVED EQUIVALENT. PER DETAIL 1, SHEET C6.02.

(SD15) POINT OF CONNECTION TO RAISED PLANTER. SEE LANDSCAPE DRAWINGS FOR PLANTER DRAIN DETAILS.

(SD16) POINT OF CONNECTION TO RETAINING WALL FOOTING. SEE LANDSCAPE DRAWINGS FOR WALL DETAILS.

SANITARY SEWER

(SS1) PVC, SDR-35 SANITARY SEWER PIPE PER DETAIL 5, SHEET C6.00. SIZE AND SLOPE PER PLAN.

(SS2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(SS3) CLEANOUT PER DETAIL 6, SHEET C6.00.

(SS4) SANITARY SEWER PRECAST CONCRETE MANHOLE PER APWA STANDARD PLAN 200-2.

(SS5) POINT OF CONNECTION TO EXISTING SANITARY SEWER MAIN PER APWA STANDARD PLAN 222-2. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(SS6) GREASE INTERCEPTOR. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

(SS7) CONNECT TO EXISTING PIPE. EXISTING PIPE TO BE VERIFIED BY CONTRACTOR PRIOR TO TO INSTALLATION.

(SS8) PRECAST CONCRETE CATCH BASIN. JENSEN PRECAST PRODUCTS OR APPROVED EQUIVALENT.

(SS9) NEUTRALIZATION TANK. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(SS10) FOX DRAIN. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(SS11) PVC SDR-35 SANITARY SEWER PER CITY OF INGLEWOOD DRAWING NO. W-355 SHEET 4 AND DETAIL 2, SHEET C6.02. SIZE PER PLAN.

DOMESTIC WATER

(W1) PVC C-900 DOMESTIC WATER PIPE PER DETAIL 5, SHEET C6.00. SIZE PER PLAN.

(W2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(W3) BACKFLOW PREVENTION DEVICE PER DETAIL 4, SHEET C6.01.

(W4) WATER METER PER DETAIL 9, SHEET C6.01.

(W5) POINT OF CONNECTION TO EXISTING WATER MAIN. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(W6) THRUST BLOCK PER DETAIL 8, SHEET C6.00.

(W7) PVC C-900 DOMESTIC WATER PIPE PER CITY OF INGLEWOOD DRAWING NO. W-355 SHEET 4 AND DETAIL 2, SHEET C6.02, SIZE PER PLAN.

IRRIGATION

(IR1) IRRIGATION LINE. SEE LANDSCAPE DRAWINGS FOR CONTINUATION, DETAILS, AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

FIRE WATER

(F1) PVC C-900 FIRE WATER PIPE PER DETAIL 5, SHEET C6.00. SIZE AND MATERIAL PER PLAN.

(F2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(F3) BACKFLOW PREVENTION DEVICE PER CITY OF INGLEWOOD DRAWING NO. W-355, SHEET 29 AND DETAIL 5, SHEET C6.01.

(F4) WATER METER PER CITY OF INGLEWOOD DRAWING NO. W-355 SHEETS 23.1-23.3 AND DETAIL 9, SHEET C6.01.

(F5) POINT OF CONNECTION TO EXISTING WATER LINE PER CITY OF INGLEWOOD DRAWING NO. W-355 SHEET 5 AND DETAIL 8, SHEET C6.01. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(F6) THRUST BLOCK PER DETAIL 8, SHEET C6.00.

(F7) EXISTING FIRE HYDRANT.

(F8) FIRE HYDRANT PER DETAIL 7, SHEET C6.01.

(F9) FIRE DEPARTMENT CONNECTION. SEE FIRE PROTECTION DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(F10) POST INDICATOR VALVE. SEE FIRE PROTECTION DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(F11) PVC C-900 FIRE WATER PIPE PER CITY OF INGLEWOOD DRAWING NO. W.355 SHEET 4 AND DETAIL 2, SHEET C6.02. SIZE PER PLAN.

OTHER UTILITIES

(U1) GAS PIPE AND EQUIPMENT. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

(U2) ELECTRICAL CONDUIT AND EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

(U3) TELECOM CONDUIT AND EQUIPMENT. SEE TELECOM DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

LEGEND:

- LIMIT OF WORK
- PROPERTY LINE
- SS — SANITARY SEWER
- W — WATER
- DW — DOMESTIC WATER
- FW — FIRE WATER
- SD — STORM DRAIN
- G — GAS
- E — ELECTRIC
- T — TELEPHONE
- PERFORATED PIPE
- POINT OF CONNECTION
- COORDINATION POINT
- CAP OR PLUG
- UTILITY MANHOLE
- UTILITY CLEANOUT
- STORM DRAIN INLET
- AREA DRAIN/PLANTER DRAIN
- TRENCH DRAIN
- FIRE HYDRANT
- THRUST BLOCK
- FIRE DEPARTMENT CONNECTION (FDC)
- POST INDICATOR VALVE (PIV)
- WATER VALVE
- BACKFLOW ASSEMBLY
- UTILITY METER VAULT
- PLANTER AREA/LANDSCAPE (REFER TO LANDSCAPING PLANS FOR DETAILS)
- PROPOSED BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILS)

N

0 10' 20'

SCALE: 1"=20'

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INGLEWOOD HIGH SCHOOL

PACKAGE 1 - NEW CONSTRUCTION BLDGS #1-4 AND SITE WORK
INCREMENT 2

231 S. GREVILLEA AVENUE
INGLEWOOD, CA 90301

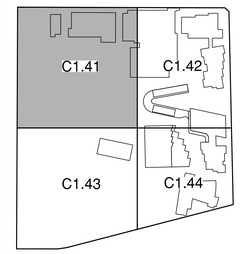
PROJECT NUMBER 22947

REGISTERED PROFESSIONAL ENGINEER
ASHRAM PHUNG
No. C77244
EXP. 6/30/25
CIVIL
STATE OF CALIFORNIA

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ISSUE DATE	DESCRIPTION
04/03/2025	DSA SUBMISSION

REVISION DATE	DESCRIPTION



DRAWING TITLE

UTILITY PLAN

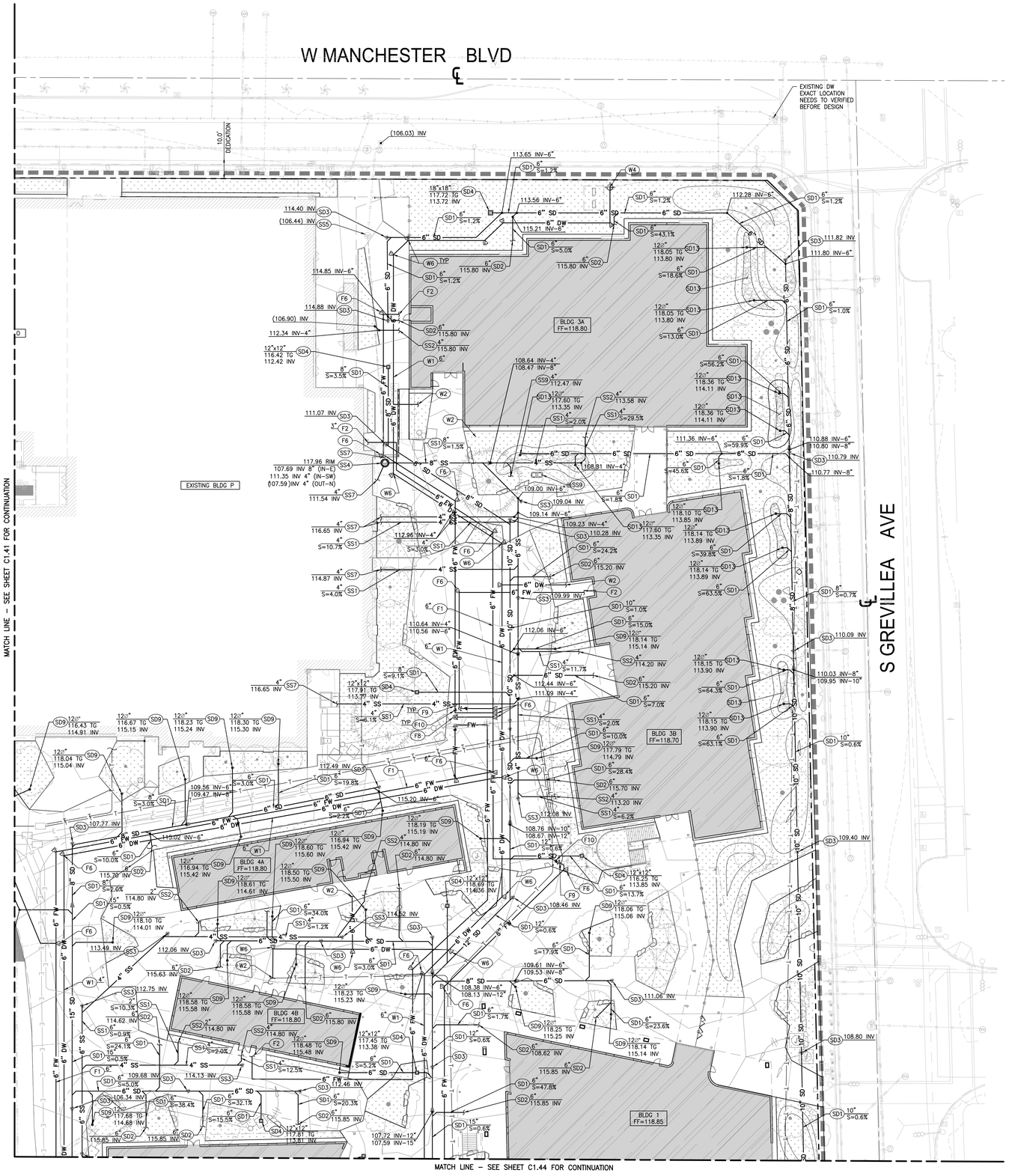
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PLOT DATE 2/2024 3:47:03 PM

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If this sheet is smaller than 36" high by 48" wide then it has been reduced.



UTILITY CONSTRUCTION NOTES:

STORM DRAIN

- (SD1) PVC, SDR-35 STORM DRAIN PIPE PER DETAIL 5, SHEET C6.00. SIZE AND SLOPE PER PLAN.
- (SD2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.
- (SD3) CLEANOUT PER DETAIL 6, SHEET C6.00.
- (SD4) PRECAST CONCRETE CATCH BASIN. JENSEN PRECAST PRODUCTS OR APPROVED EQUIVALENT.
- (SD5) POINT OF CONNECTION TO EXISTING STORM DRAIN MAIN. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.
- (SD6) STORM DRAIN MANHOLE PER APWA STANDARD PLAN 201-3.
- (SD7) OLDCASTLE DRYWELL OR APPOVED EQUIVALENT. PER DETAIL 3, SHEET C6.01.
- (SD8) OLDCASTLE PRETREATMENT SYSTEM OR APPROVED EQUIVALENT.
- (SD9) PLANTER DRAIN PER DETAIL 7, SHEET C6.00.
- (SD10) TRENCH DRAIN PER DETAIL 10 ON SHEET C6.00.
- (SD11) CONNECT TO EXISTING PIPE. EXISTING PIPE TO BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION.
- (SD12) DOWNSPOUT. SEE ARCHITECTURAL DRAWINGS FOR CONTINUATION.
- (SD13) BIOFILTRATION PLANTER PER DETAIL 12 ON SHEET C6.01.
- (SD14) OLD CASTLE BIORETENTION TANK OR APPROVED EQUIVALENT. PER DETAIL 1, SHEET C6.02.
- (SD15) POINT OF CONNECTION TO RAISED PLANTER. SEE LANDSCAPE DRAWINGS FOR PLANTER DRAIN DETAILS.
- (SD16) POINT OF CONNECTION TO RETAINING WALL FOOTING. SEE LANDSCAPE DRAWINGS FOR WALL DETAILS.

SANITARY SEWER

- (SS1) PVC, SDR-35 SANITARY SEWER PIPE PER DETAIL 5, SHEET C6.00. SIZE AND SLOPE PER PLAN.
- (SS2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.
- (SS3) CLEANOUT PER DETAIL 6, SHEET C6.00.
- (SS4) SANITARY SEWER PRECAST CONCRETE MANHOLE PER APWA STANDARD PLAN 200-2.
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- (SS9) NEUTRALIZATION TANK. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- (SS10) FOX DRAIN. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- (SS1) PVC SDR-35 SANITARY SEWER PER CITY OF INGLEWOOD DRAWING NO. W-355 SHEET 4 AND DETAIL 2, SHEET C6.02. SIZE PER PLAN.

DOMESTIC WATER

- (W1) PVC C-900 DOMESTIC WATER PIPE PER DETAIL 5, SHEET C6.00. SIZE PER PLAN.
- (W2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.
- (W3) BACKFLOW PREVENTION DEVICE PER DETAIL 4, SHEET C6.01.
- (W4) WATER METER PER DETAIL 9, SHEET C6.01.
- (W5) POINT OF CONNECTION TO EXISTING WATER MAIN. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.
- (W6) THRUST BLOCK PER DETAIL 8, SHEET C6.00.
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- (F9) FIRE DEPARTMENT CONNECTION. SEE FIRE PROTECTION DRAWINGS FOR DETAILS AND SPECIFICATIONS.
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OTHER UTILITIES

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LEGEND:

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- AREA DRAIN/PLANTER DRAIN
- TRENCH DRAIN
- FIRE HYDRANT
- THRUST BLOCK
- FIRE DEPARTMENT CONNECTION (FDC)
- POST INDICATOR VALVE (PIV)
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- PLANTER AREA/LANDSCAPE (REFER TO LANDSCAPING PLANS FOR DETAILS)
- PROPOSED BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILS)

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SCALE: 1"=20'

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INGLEWOOD HIGH SCHOOL

PACKAGE 1 - NEW CONSTRUCTION BLDGS #1-4 AND SITE WORK
INCREMENT 2

231 S. GREVILLEA AVENUE
INGLEWOOD, CA 90301

PROJECT NUMBER 22947

REGISTERED PROFESSIONAL ENGINEER
JASON R. PRUNTY
No. C77244
Exp. 6/30/25
CIVIL
STATE OF CALIFORNIA

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ISSUE DATE	DESCRIPTION
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⚠ REVISION DATE	DESCRIPTION



DRAWING TITLE

UTILITY PLAN

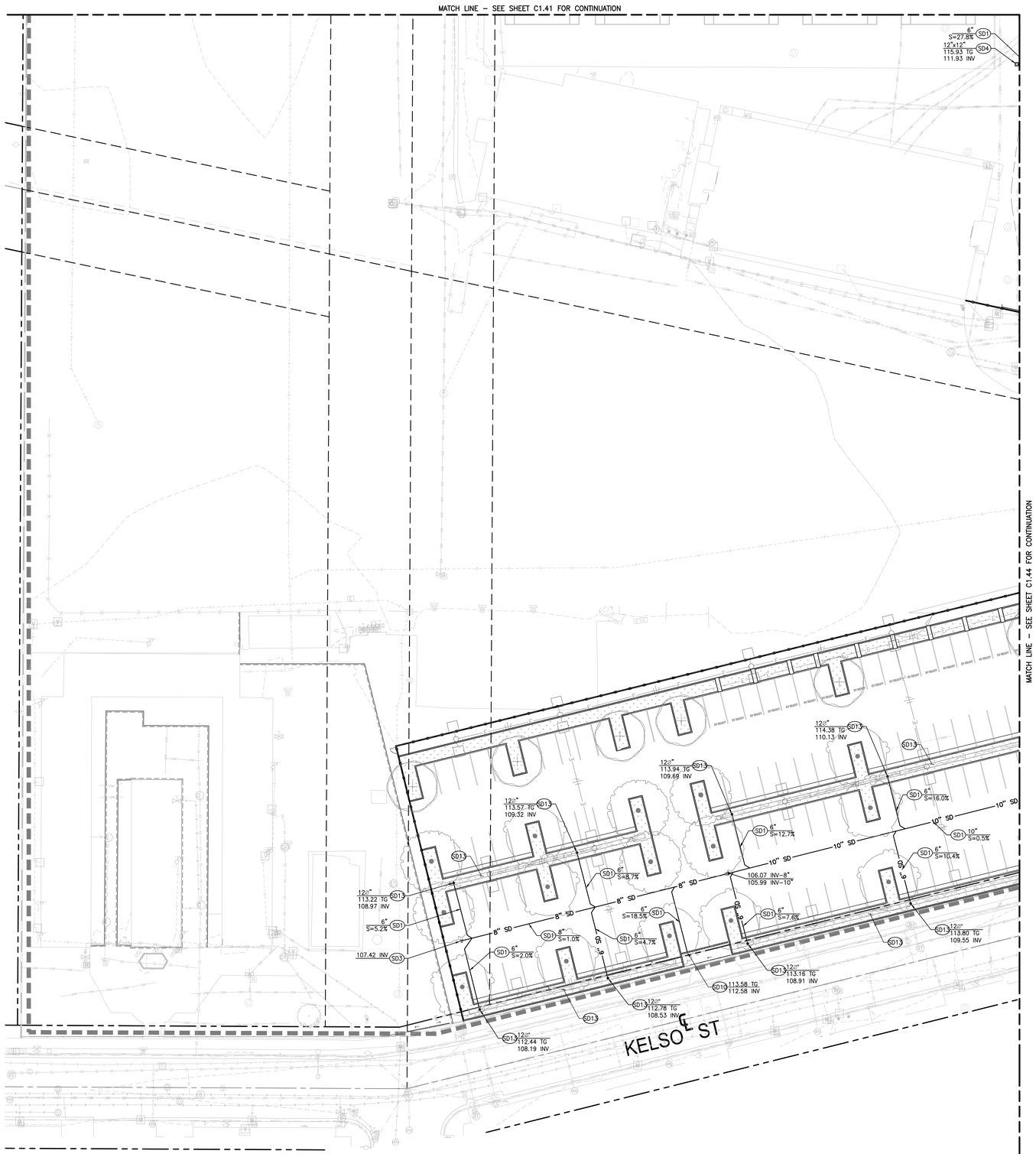
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UTILITY CONSTRUCTION NOTES:

STORM DRAIN

- SD1 PVC, SDR–35 STORM DRAIN PIPE PER DETAIL 5, SHEET C6.00. SIZE AND SLOPE PER PLAN.
- SD2 POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.
- SD3 CLEANOUT PER DETAIL 6, SHEET C6.00.
- SD4 PRECAST CONCRETE CATCH BASIN. JENSEN PRECAST PRODUCTS OR APPROVED EQUIVALENT.
- SD5 POINT OF CONNECTION TO EXISTING STORM DRAIN MAIN. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.
- SD6 STORM DRAIN MANHOLE PER APWA STANDARD PLAN 201–3.
- SD7 OLDCASTLE DRYWELL OR APPOVED EQUIVALENT. PER DETAIL 3, SHEET C6.01.
- SD8 OLDCASTLE PRETREATMENT SYSTEM OR APPROVED EQUIVALENT.
- SD9 PLANTER DRAIN PER DETAIL 7, SHEET C6.00.
- SD10 TRENCH DRAIN PER DETAIL 10 ON SHEET C6.00.
- SD11 CONNECT TO EXISTING PIPE. EXISTING PIPE TO BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION.
- SD12 DOWNSPOUT. SEE ARCHITECTURAL DRAWINGS FOR CONTINUATION.
- SD13 BIOFILTRATION PLANTER PER DETAIL 12 ON SHEET C6.01.
- SD14 OLD CASTLE BIORETENTION TANK OR APPROVED EQUIVALENT. PER DETAIL 1, SHEET C6.02.
- SD15 POINT OF CONNECTION TO RAISED PLANTER. SEE LANDSCAPE DRAWINGS FOR PLANTER DRAIN DETAILS.
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SANITARY SEWER

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- SS4 SANITARY SEWER PRECAST CONCRETE MANHOLE PER APWA STANDARD PLAN 200–2.
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- SS8 PRECAST CONCRETE CATCH BASIN. JENSEN PRECAST PRODUCTS OR APPROVED EQUIVALENT.
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- SS10 FOX DRAIN. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- SS11 PVC SDR–35 SANITARY SEWER PER CITY OF INGLEWOOD DRAWING NO. W–355 SHEET 4 AND DETAIL 2, SHEET C6.02. SIZE PER PLAN.

DOMESTIC WATER

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- W2 POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.
- W3 BACKFLOW PREVENTION DEVICE PER DETAIL 4, SHEET C6.01.
- W4 WATER METER PER DETAIL 9, SHEET C6.01.
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- F9 FIRE DEPARTMENT CONNECTION. SEE FIRE PROTECTION DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- F10 POST INDICATOR VALVE. SEE FIRE PROTECTION DRAWINGS FOR DETAILS AND SPECIFICATIONS.
- F11 PVC C–900 FIRE WATER PIPE PER CITY OF INGLEWOOD DRAWING NO. W.355 SHEET 4 AND DETAIL 2, SHEET C6.02. SIZE PER PLAN.

OTHER UTILITIES

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- U2 ELECTRICAL CONDUIT AND EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.
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- UTILITY METER VAULT
- PLANTER AREA/LANDSCAPE (REFER TO LANDSCAPING PLANS FOR DETAILS)
- PROPOSED BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILS)

N

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SCALE: 1"=20'

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INGLEWOOD HIGH SCHOOL

PACKAGE 1 - NEW CONSTRUCTION BLDGS #1-4 AND SITE WORK
INCREMENT 2

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PROJECT NUMBER 22947

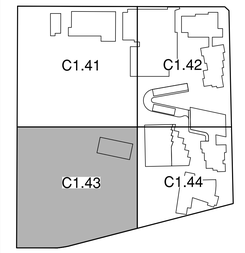
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ISSUE DATE	DESCRIPTION
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⚠ REVISION DATE	DESCRIPTION



DRAWING TITLE

UTILITY PLAN

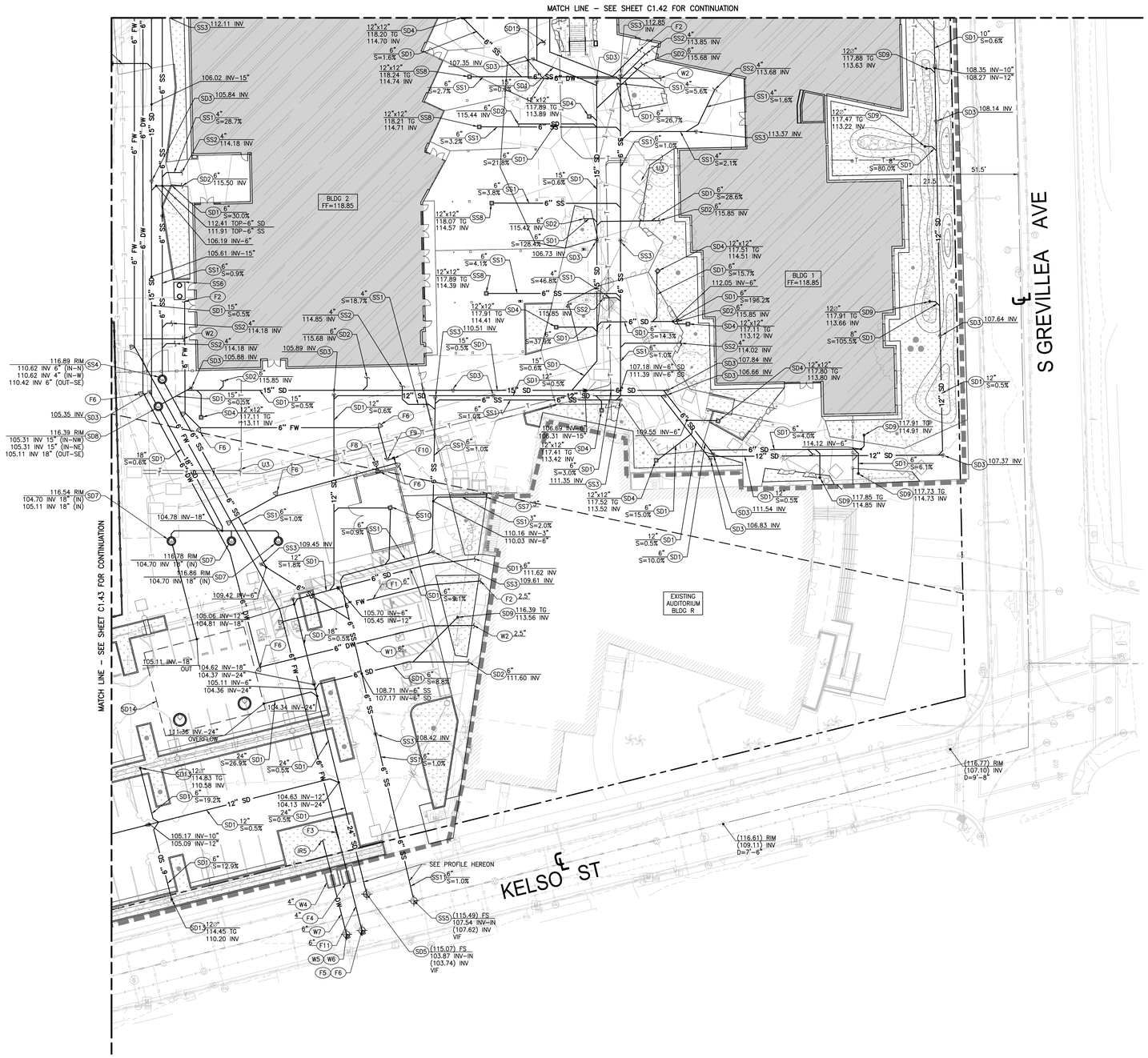
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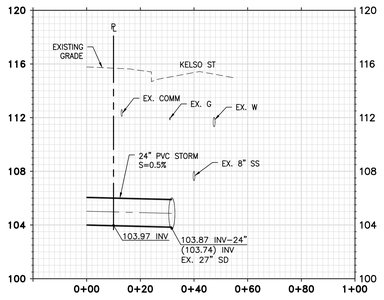
SCALE

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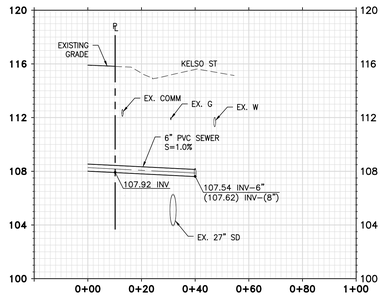
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SD PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



SS PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

UTILITY CONSTRUCTION NOTES:

STORM DRAIN

(SD1) PVC, SDR–35 STORM DRAIN PIPE PER DETAIL 5, SHEET C6.00. SIZE AND SLOPE PER PLAN.

(SD2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(SD3) CLEANOUT PER DETAIL 6, SHEET C6.00.

(SD4) PRECAST CONCRETE CATCH BASIN. JENSEN PRECAST PRODUCTS OR APPROVED EQUIVALENT.

(SD5) POINT OF CONNECTION TO EXISTING STORM DRAIN MAIN. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(SD6) STORM DRAIN MANHOLE PER APWA STANDARD PLAN 201–3.

(SD7) OLDCASTLE DRYWELL OR APPOVED EQUIVALENT. PER DETAIL 3, SHEET C6.01.

(SD8) OLDCASTLE PRETREATMENT SYSTEM OR APPROVED EQUIVALENT.

(SD9) PLANTER DRAIN PER DETAIL 7, SHEET C6.00.

(SD10) TRENCH DRAIN PER DETAIL 10 ON SHEET C6.00.

(SD11) CONNECT TO EXISTING PIPE. EXISTING PIPE TO BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION.

(SD12) DOWNSPOUT. SEE ARCHITECTURAL DRAWINGS FOR CONTINUATION.

(SD13) BIOFILTRATION PLANTER PER DETAIL 12 ON SHEET C6.01.

(SD14) OLD CASTLE BIORETENTION TANK OR APPROVED EQUIVALENT. PER DETAIL 1, SHEET C6.02.

(SD15) POINT OF CONNECTION TO RAISED PLANTER. SEE LANDSCAPE DRAWINGS FOR PLANTER DRAIN DETAILS.

(SD16) POINT OF CONNECTION TO RETAINING WALL FOOTING. SEE LANDSCAPE DRAWINGS FOR WALL DETAILS.

SANITARY SEWER

(SS1) PVC, SDR–35 SANITARY SEWER PIPE PER DETAIL 5, SHEET C6.00. SIZE AND SLOPE PER PLAN.

(SS2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(SS3) CLEANOUT PER DETAIL 6, SHEET C6.00.

(SS4) SANITARY SEWER PRECAST CONCRETE MANHOLE PER APWA STANDARD PLAN 200–2.

(SS5) POINT OF CONNECTION TO EXISTING SANITARY SEWER MAIN PER APWA STANDARD PLAN 222–2. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(SS6) GREASE INTERCEPTOR. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

(SS7) CONNECT TO EXISTING PIPE. EXISTING PIPE TO BE VERIFIED BY CONTRACTOR PRIOR TO TO INSTALLATION.

(SS8) PRECAST CONCRETE CATCH BASIN. JENSEN PRECAST PRODUCTS OR APPROVED EQUIVALENT.

(SS9) NEUTRALIZATION TANK. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(SS10) FOX DRAIN. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(SS11) PVC SDR–35 SANITARY SEWER PER CITY OF INGLEWOOD DRAWING NO. W–355 SHEET 4 AND DETAIL 2, SHEET C6.02. SIZE PER PLAN.

DOMESTIC WATER

(W1) PVC C–900 DOMESTIC WATER PIPE PER DETAIL 5, SHEET C6.00. SIZE PER PLAN.

(W2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(W3) BACKFLOW PREVENTION DEVICE PER DETAIL 4, SHEET C6.01.

(W4) WATER METER PER DETAIL 9, SHEET C6.01.

(W5) POINT OF CONNECTION TO EXISTING WATER MAIN. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(W6) THRUST BLOCK PER DETAIL 8, SHEET C6.00.

(W7) PVC C–900 DOMESTIC WATER PIPE PER CITY OF INGLEWOOD DRAWING NO. W–355 SHEET 4 AND DETAIL 2, SHEET C6.02, SIZE PER PLAN.

IRRIGATION

(IR1) IRRIGATION LINE. SEE LANDSCAPE DRAWINGS FOR CONTINUATION, DETAILS, AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

FIRE WATER

(F1) PVC C–900 FIRE WATER PIPE PER DETAIL 5, SHEET C6.00. SIZE AND MATERIAL PER PLAN.

(F2) POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING DRAWINGS FOR CONTINUATION.

(F3) BACKFLOW PREVENTION DEVICE PER CITY OF INGLEWOOD DRAWING NO. W–355, SHEET 29 AND DETAIL 5, SHEET C6.01.

(F4) WATER METER PER CITY OF INGLEWOOD DRAWING NO. W–355 SHEETS 23.1–23.3 AND DETAIL 9, SHEET C6.01.

(F5) POINT OF CONNECTION TO EXISTING WATER LINE PER CITY OF INGLEWOOD DRAWING NO. W–355 SHEET 5 AND DETAIL 8, SHEET C6.01. SIZE AND LOCATION OF EXISTING LINE TO BE VERIFIED PRIOR TO INSTALLATION OF PROPOSED LINE. CONTRACTOR SHALL NOTIFY THE EOR IF CONDITIONS DIFFER.

(F6) THRUST BLOCK PER DETAIL 8, SHEET C6.00.

(F7) EXISTING FIRE HYDRANT.

(F8) FIRE HYDRANT PER DETAIL 7, SHEET C6.01.

(F9) FIRE DEPARTMENT CONNECTION. SEE FIRE PROTECTION DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(F10) POST INDICATOR VALVE. SEE FIRE PROTECTION DRAWINGS FOR DETAILS AND SPECIFICATIONS.

(F11) PVC C–900 FIRE WATER PIPE PER CITY OF INGLEWOOD DRAWING NO. W.355 SHEET 4 AND DETAIL 2, SHEET C6.02. SIZE PER PLAN.

OTHER UTILITIES

(U1) GAS PIPE AND EQUIPMENT. SEE PLUMBING DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

(U2) ELECTRICAL CONDUIT AND EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

(U3) TELECOM CONDUIT AND EQUIPMENT. SEE TELECOM DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.

LEGEND:

- LIMIT OF WORK
- PROPERTY LINE
- SS — SANITARY SEWER
- W — WATER
- DW — DOMESTIC WATER
- FW — FIRE WATER
- SD — STORM DRAIN
- G — GAS
- E — ELECTRIC
- T — TELEPHONE
- PERFORATED PIPE
- POINT OF CONNECTION
- COORDINATION POINT
- CAP OR PLUG
- UTILITY MANHOLE
- UTILITY CLEANOUT
- STORM DRAIN INLET
- AREA DRAIN/PLANTER DRAIN
- TRENCH DRAIN
- FIRE HYDRANT
- THRUST BLOCK
- FIRE DEPARTMENT CONNECTION (FDC)
- POST INDICATOR VALVE (PIV)
- WATER VALVE
- BACKFLOW ASSEMBLY
- UTILITY METER VAULT
- PLANTER AREA/LANDSCAPE (REFER TO LANDSCAPING PLANS FOR DETAILS)
- PROPOSED BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILS)

N

0 10' 20'
SCALE: 1"=20'

INGLEWOOD UNIFIED SCHOOL DISTRICT

Practice
135 W. Green St Suite 200 Pasadena, CA 91105 | 626.568.1248 | practice-la.com

kpff
700 South Flower Street
Suite 2100
Los Angeles, CA 90017
O: 213.418.0201
www.kpff.com

INGLEWOOD HIGH SCHOOL

PACKAGE 1 - NEW CONSTRUCTION BLDGS #1-4 AND SITE WORK
INCREMENT 2

231 S. GREVILLEA AVENUE
INGLEWOOD, CA 90301

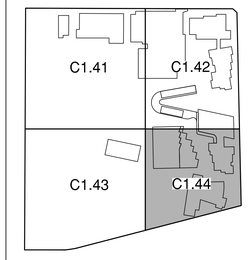
PROJECT NUMBER 22947

REGISTERED PROFESSIONAL ENGINEER
CHRISTOPHER M. PRINCE
No. C77344
Exp. 6/30/25
CIVIL
STATE OF CALIFORNIA

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ISSUE DATE	DESCRIPTION
04/03/2025	DSA SUBMISSION

⚠ REVISION DATE	DESCRIPTION



DRAWING TITLE

UTILITY PLAN

C1.44

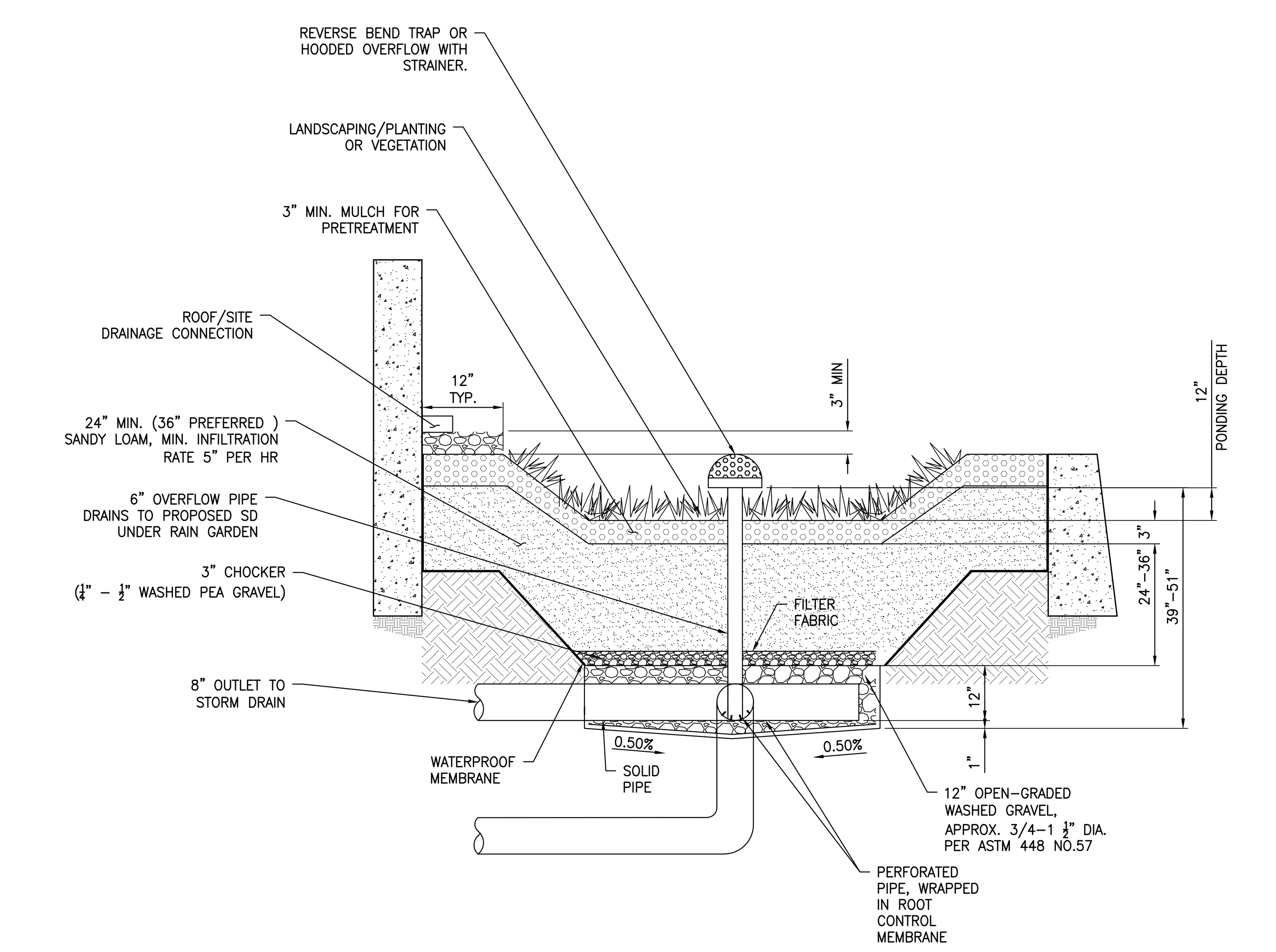
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PLOT DATE 2/2024 3:47:03 PM

P:\2022\2200103 Inglewood HS Modernization\5 CAD\Sheets\INCREMENT 2-NEW CONSTRUCTION\2200103-C-C1.44UT.dwg, May 29, 2025 - 3:08pm

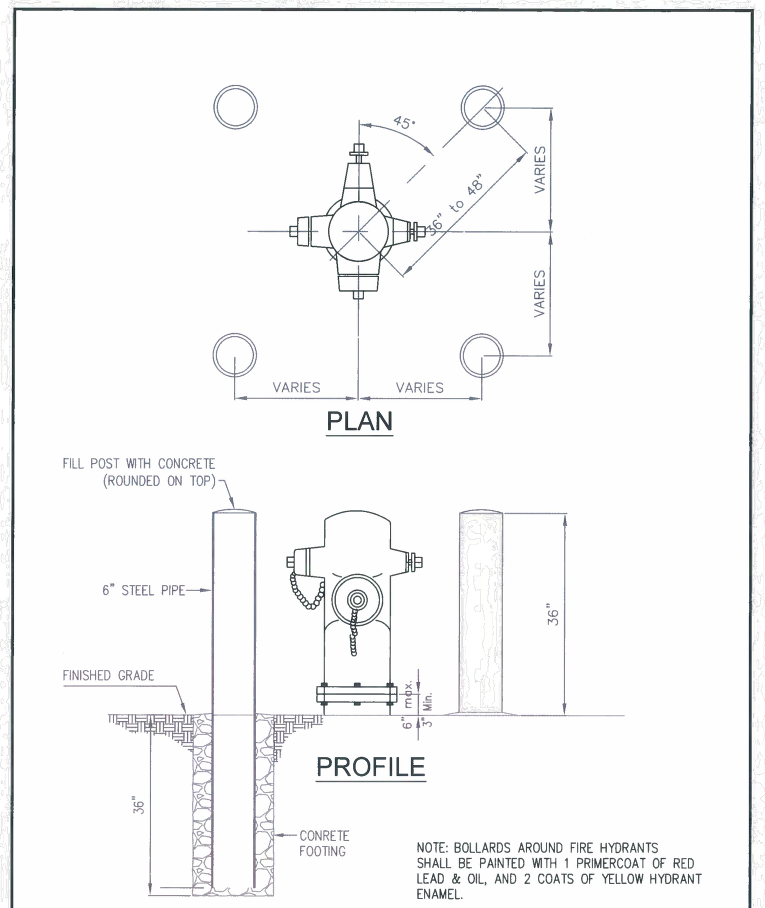
If this sheet is smaller than 36" high by 48" wide then it has been reduced.

10 IN GROUND BIOFILTRATION PLANTER



N.T.S.

6 FIRE HYDRANT BARACADE



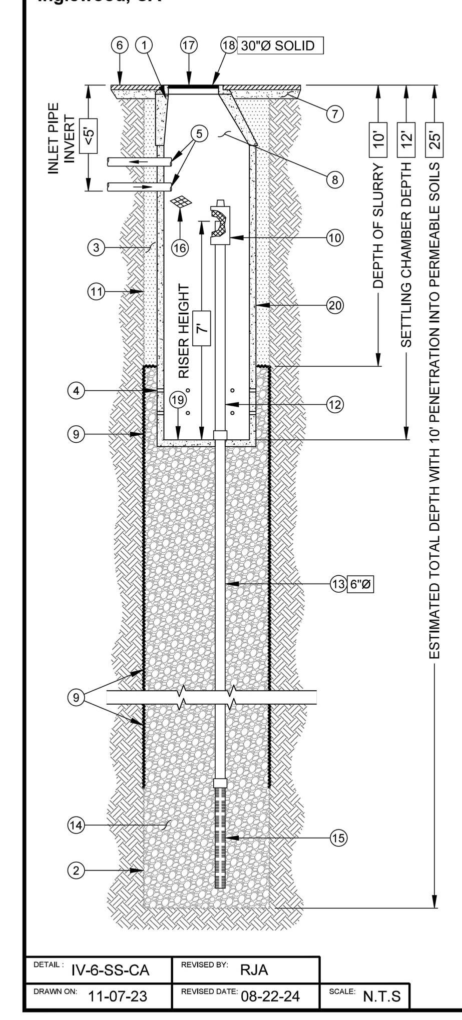
NOTE: BOLLARDS AROUND FIRE HYDRANTS SHALL BE PAINTED WITH 1 PRIMERCOAT OF RED LEAD & OIL, AND 2 COATS OF YELLOW HYDRANT ENAMEL.

CITY OF INGLEWOOD WATER STANDARDS | FIRE HYDRANT BARRICADES | DRAWN BY: K.S/T. LEE | DATE: JULY/2020 | CHECKED BY: S. YCUTE/F. MEDINA, WATER DISTRI. SUPER. | SUBMITTED BY: T. LEE/K. SANDERLIN, WATER ENGINEER | APPROVED BY: PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 14

N.T.S.

3 MAX WELL DRAIN

The MaxWell® IV
DRAINAGE SYSTEM DETAILS AND SPECIFICATIONS
Inglewood HS
Inglewood, CA

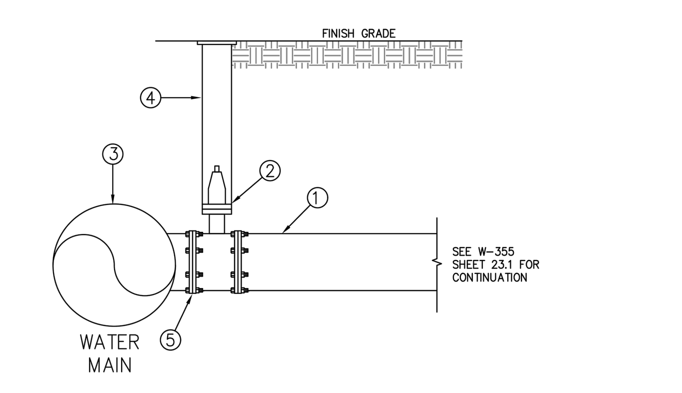


ITEM NUMBERS
1. **MANHOLE CONE** - MODIFIED FLAT BOTTOM.
2. **MIN 6' Ø DRILLED SHAFT.**
3. **STABILIZED BACKFILL** - TWO-SACK SLURRY MIX.
4. **6 PERFORATIONS MINIMUM PER ROW, 2 ROWS MINIMUM.**
5. **INLET PIPE/OUTLET PIPE (BY OTHERS).** SEE SEPARATE PLAN FOR INVERT ELEVATIONS.
6. **GRADED BASIN OR PAVING** (BY OTHERS).
7. **COMPACTED BASE MATERIAL**, IF REQUIRED (BY OTHERS).
8. **FREEBOARD DEPTH VARIES** WITH INLET PIPE ELEVATION. INCREASE SETTLING CHAMBER DEPTH AS NEEDED TO MAINTAIN ALL INLET PIPE ELEVATIONS ABOVE RISER PIPE.
9. **NON-WOVEN GEOTEXTILE SLEEVE** - MIRAFI 140 NL. MIN. 6 FT Ø. HELD APPROX. 10 FEET OFF THE BOTTOM OF EXCAVATION.
10. **PUREFLO® DEBRIS SHIELD** - ROLLED 16 GA. STEEL X 24" LENGTH WITH VENTED ANTI-SIPHON AND INTERNAL 0.265" MAX. SWO FLATTENED EXPANDED STEEL SCREEN X 12" LENGTH. **FUSION BONDED EPOXY COATED.**
11. **MIN. 6' Ø DRILLED SHAFT.**
12. **RISER PIPE** - SCH. 40 PVC MATED TO DRAINAGE PIPE AT BASE SEAL.
13. **DRAINAGE PIPE** - ADS HIGHWAY GRADE OR SCH. 40 PVC WITH TRI-A COUPLER. SUSPEND PIPE DURING BACKFILL OPERATIONS. DIAMETER AS NOTED.
14. **ROCK** - WASHED, SIZED BETWEEN 3/8" AND 1-1/2".
15. **FLOFAST® DRAINAGE SCREEN** - SCH. 40 PVC 0.120" SLOTTED WELL SCREEN WITH MIN. 32 SLOTS PER ROW/FT. OVERALL LENGTH VARIES, UP TO 120" WITH TRI-B COUPLER.
16. **ABSORBENT** - HYDROPHOBIC PETROCHEMICAL SPONGE. MIN. 128 OZ. CAPACITY. TYPICAL, 2 PER CHAMBER.
17. **FABRIC SEAL** - U.V. RESISTANT GEOTEXTILE - **TO BE REMOVED BY CUSTOMER** AT PROJECT COMPLETION. GRATED ONLY.
18. **BOLTED RING & GRATE/COVER** - DIAMETER & TYPE AS SHOWN. CLEAN CAST IRON WITH WORDING "STORM WATER ONLY" IN RAISED LETTERS. BOLTED IN 2 LOCATIONS AND SECURE TO CONE WITH MORTAR. RIM ELEVATION ±0.02' OF PLANS.
19. **BASE SEAL** - GEOTEXTILE.
20. **PRE-CAST LINER** - 4000 PSI CONCRETE 48" ID. x 54" OD. CENTER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE.

Manufactured and Installed by
TorrentResources A CRH COMPANY
An evolution of McGuckin Drilling
www.torrentresources.com

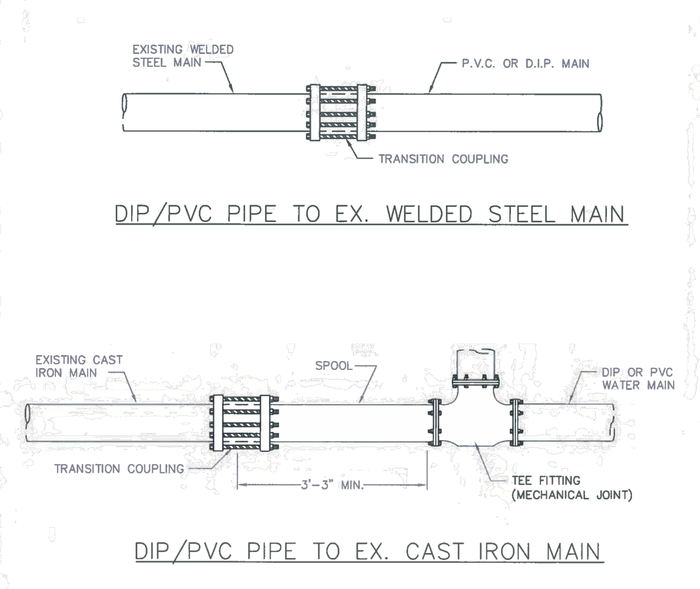
DETAIL: IV-6-SS-CA | REVISED BY: RJA | DRAWN ON: 11-07-23 | REVISED DATE: 08-22-24 | SCALE: N.T.S

N.T.S.



NOTE:
1. _ LF CLASS 350 DUCTILE IRON (RESTRAINED) SEE CITY SPECIFICATIONS FOR BACKFILL REQUIREMENTS
2. 1 EA _" FLG BY MJ GATE VALVE ASSEMBLY PER INGLEWOOD CITY STD. W-355 SHEET 10
3. NEW: _"x_"x_" DUCTILE IRON TEE (FLGxFLGxFLG) CONNECT TO EXISTING: MJxFLG TEE _" O.D. MAIN WITH _" SERVICE LATERAL
4. 1 EA VALVE CAN/BOX PER INGLEWOOD CITY STD. W-355 SHEET 11
5. 1 EA PIPELINE SEAL AND INSULATOR, INC INSULATING KIT TO BE USED BETWEEN THE TEE AND VALVE WHEN DISSIMILAR METALS (DUCTILE IRON AND STEEL) ARE INVOLVED

CITY OF INGLEWOOD WATER STANDARDS | 3" & LARGER METER INSTALLATION (3/3) | DRAWN BY: A.LEE | DATE: MAY/2024 | CHECKED BY: S. YCUTE, WATER DISTRI. SUPER. | CHECKED BY: T. LEE/A. LEE, WATER ENGINEER | APPROVED BY: 5/7/2024 PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 23.3

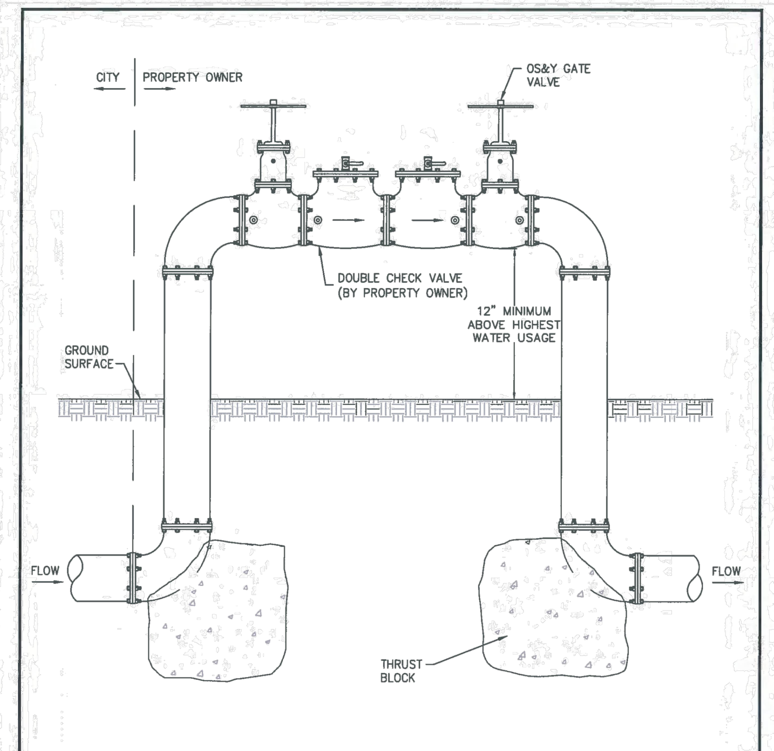


NOTES:
1. EXISTING WELDED STEEL OR CAST PIPE SHALL BE CLEAN AND SMOOTH BEFORE INSTALLING PROPOSED FITTING.
2. P.V.C./D.I.P. NIPPLE AND COUPLING MAY BE ELIMINATED IF LAYING SPACE PROHIBITS THEIR USE AND IS APPROVED BY THE ENGINEER.
3. AFTER ASSEMBLY, EXPOSED MACHINED CAST SHALL BE COATED WITH BITUMASTIC NO. 50 OR EQUAL.
4. SOME SIZES OF P.V.C./D.I.P. PIPE REQUIRE MECHANICAL JOINT ADAPTORS TO CONNECT TO A.C. OR C.I. PIPE.
5. FLANGE TEE REQUIRES PIPE ADAPTORS.
6. ALL WATER MAIN AND FITTINGS SHALL BE CORROSION-CONTROL POLYTHYLENE WRAPPED/ENCASED (POLYWRAP) PER AWWA STANDARD C105.

CITY OF INGLEWOOD WATER STANDARDS | DIP / PVC TO EXISTING MAIN CONNECTIONS | DRAWN BY: K.S/T. LEE | DATE: JULY/2020 | CHECKED BY: S. YCUTE/F. MEDINA | CHECKED BY: T. LEE/K. SANDERLIN | APPROVED BY: PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 5

8 MAIN CONNECTIONS

N.T.S.

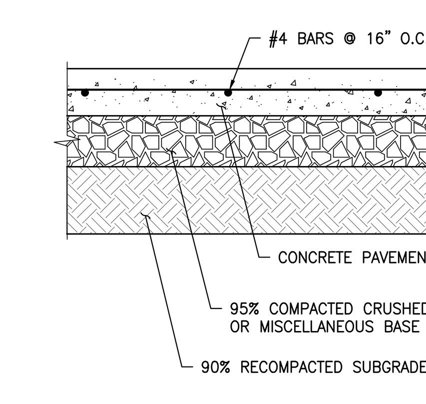


NOTE:
1. ALL UNITS USED MUST BE ON THE LATEST CALIFORNIA STATE APPROVED BACKFLOW PREVENTION DEVICES.
2. PLEASE NOTIFY INGLEWOOD PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION OF BACKFLOW DEVICES.
3. INSTALLATION SHALL COMPLY WITH THE LATEST PLUMBING CODES, AND CITY/COUNTY REQUIREMENTS.
4. DOUBLE CHECK VALVE ASSEMBLY SHALL HAVE A CHEATER METER INSTALLED - MODEL/TYPE PER MANUFACTURER.

CITY OF INGLEWOOD WATER STANDARDS | DOUBLE CHECK VALVE ASSEMBLY INSTALLATION | DRAWN BY: K.S/T. LEE | DATE: JULY/2020 | CHECKED BY: S. YCUTE/F. MEDINA | CHECKED BY: T. LEE/K. SANDERLIN | APPROVED BY: PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 29

5 DOUBLE CHECK VALVE

N.T.S.

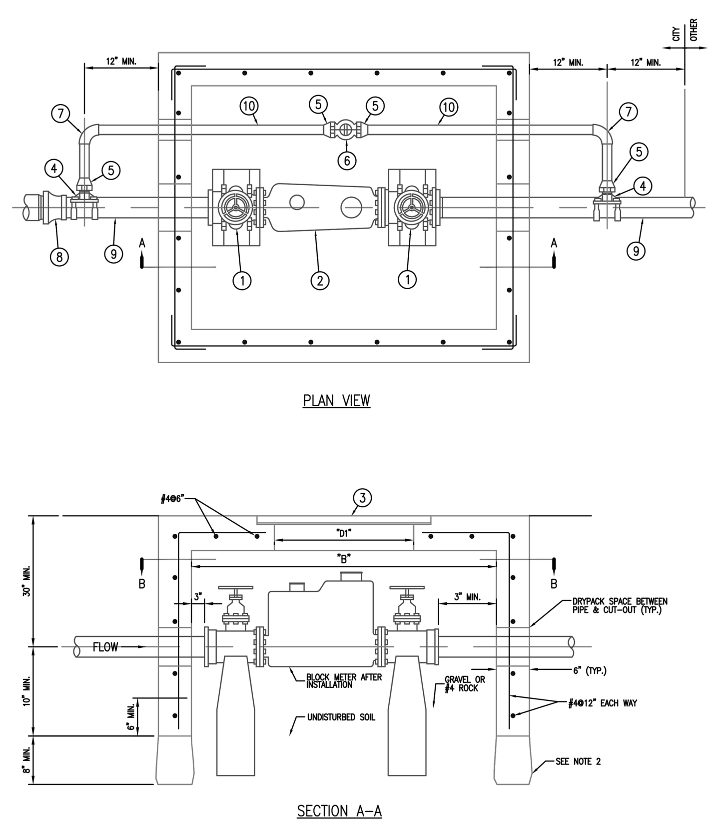


CONCRETE PAVEMENT TYPE	CONCRETE (INCHES)	BASE COURSE (INCHES)	RECOMPACTED SUBGRADE (INCHES)
VEHICULAR PARKING	5"	4"	12"
HEAVY TRUCK TRAFFIC	6.5"	4"	12"

NOTES:
1. PAVEMENT SECTIONS ARE BASED ON RECOMMENDATIONS FROM THE PROJECT GEOTECHNICAL REPORT.
2. REFER TO ARCHITECTURAL PLANS FOR CONCRETE COLOR, PATTERN, TEXTURE, AND FINISH.
3. SEE PLAN FOR LOCATION OF CONTROL JOINTS.
4. REINFORCING BARS IN CONCRETE PAVING ARE EXEMPT FROM STRUCTURAL TESTS AND/OR SPECIAL INSPECTIONS PER DSA 103.

2 REINFORCED CONCRETE PAVEMENT

N.T.S.



NOTES:
1. CONCRETE SHALL BE 560-B-3250.
2. EMBED WALL WHEN POOR SOIL CONDITIONS EXIST AND/OR AS DIRECTED BY THE ENGINEER.
3. SEE SHEET 23.1 FOR DIMENSIONS AND DETAILS.
4. THIS VAULT IS FOR PARKWAY USE ONLY FOR TRAFFIC LOADING AND OTHER REQUIREMENTS CONTACT THE CITY PUBLIC WORKS DEPT.
5. VALVE BLOCKS TO BE POURED AFTER VALVES AND METER ARE INSTALLED. COAT VALVE WITH BITUMASTIC NO. 50, OR EQUAL.
6. TRENCH WALLS MAY BE UTILIZED TO FORM EXTERIOR SIDE OF VAULT WALLS WHEN NEATLY TRIMMED AND APPROVED.

CITY OF INGLEWOOD WATER STANDARDS | 3" & LARGER METER INSTALLATION (1/3) | DRAWN BY: K.S./T.LEE | DATE: JULY/2020 | CHECKED BY: S. YCUTE/F. MEDINA | CHECKED BY: T. LEE/K. SANDERLIN | APPROVED BY: PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 23.1

MATERIAL LIST

ITEM	DESCRIPTION	REMARKS
1	GATE VALVE – FLG. x FLG. (2)	FURNISH 2
2	OCTAVE WATER METER EQUIPPED WITH ENCODER (IN CUBIC FEET) OR CITY APPROVED EQUAL.	
3	VAULT COVER	
4	SERVICE SADDLE – SERVICE SIZE x 2" I.P. THREAD (WIDE BAND)	FURNISH 2
5	ADAPTER – 2" MALE I.P. x S.J.	FURNISH 4
6	CURB STOP – 2"	FURNISH 1
7	90° ELBOW – 2" S.J. x S.J.	90° ELBOW – 2" S.J. x S.J.
8	REDUCER – 3" x 4" R.T. x R.T.	FOR 3" SERVICE
9	D.I.P. CLASS 350.	SERVICE SIZE
10	COPPER TUBING – TYPE "K" SOFT – 2".	

NOTES:
1. 3-INCH OR LARGER WATER METER SERVICE SHALL INSTALL A VAULT FOR PARKWAY USE ONLY.
2. VAULT SHALL BE ARMORCAST VAULT MODEL #A6001447TAP30MT/#A6001447TAP36MT WITH TORSION SPRING-LOADED LID, OR APPROVAL EQUAL.
3. ANY VAULT, WHICH IS LARGER 5-FEET, SHALL INSTALL A LADDER.

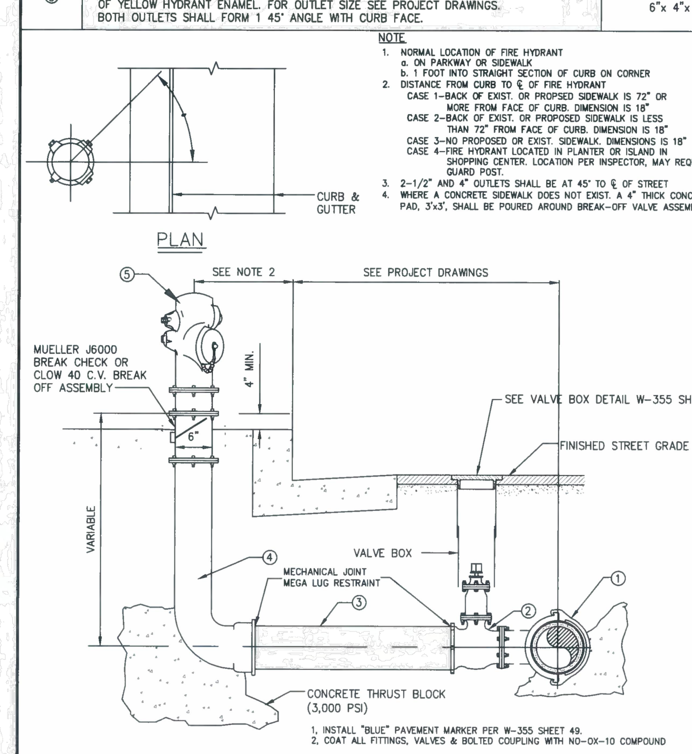
CITY OF INGLEWOOD WATER STANDARDS | 3" & LARGER METER INSTALLATION (2/3) | DRAWN BY: K.S/T. LEE | DATE: NOV./2023 | CHECKED BY: S. YCUTE/F. MEDINA | CHECKED BY: T. LEE/K. SANDERLIN | APPROVED BY: PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 23.2

9 WATER METER

N.T.S.

ITEM	DESCRIPTION	SIZE
①	TEE – MJ. x FLG.	MAIN SIZEx6"
②	GATE VALVE PER. A.W.W.A. STANDARD C509.	6"
③	6" D.I.P. A.W.W.A. STANDARD C151 (CLASS 350).	6"
④	BURY – FLG. (6 HOLE) x MJ. – CEMENT LINED CAST IRON	6"x42"
⑤	FIRE HYDRANT – FOR APPROVED LIST SEE TABLE BELOW, – F.H. SHALL BE PRINTED WITH (1) PRIMERCOAT OF RED LED & OIL, AND (2) COATS OF YELLOW HYDRANT ENAMEL. FOR OUTLET SIZE SEE PROJECT DRAWINGS. BOTH OUTLETS SHALL FORM 1 45° ANGLE WITH CURB FACE.	6"x 4"x 2-1/2" OR 6"x 4"x 4"

NOTE
1. NORMAL LOCATION OF FIRE HYDRANT
a. ON PARKWAY OR SIDEWALK
b. 1 FOOT INTO STRAIGHT SECTION OF CURB ON CORNER
2. DISTANCE FROM CURB TO ℄ OF FIRE HYDRANT
CASE 1–BACK OF EXIST. OR PROPSED SIDEWALK IS 72" OR MORE FROM FACE OF CURB. DIMENSION IS 18"
CASE 2–BACK OF EXIST. OR PROPOSED SIDEWALK IS LESS THAN 72" FROM FACE OF CURB. DIMENSION IS 18"
CASE 3–NO PROPOSED OR EXIST. SIDEWALK. DIMENSIONS IS 18"
CASE 4–FIRE HYDRANT LOCATED IN PLANTER OR ISLAND IN SHOPPING CENTER. LOCATION PER INSPECTOR, MAY REQUIRE GUARD POST.
3. 2-1/2" AND 4" OUTLETS SHALL BE AT 45° TO ℄ OF STREET
4. WHERE A CONCRETE SIDEWALK DOES NOT EXIST. A 4" THICK CONCRETE PAD, 3'x3', SHALL BE POURED AROUND BREAK-OFF VALVE ASSEMBLY



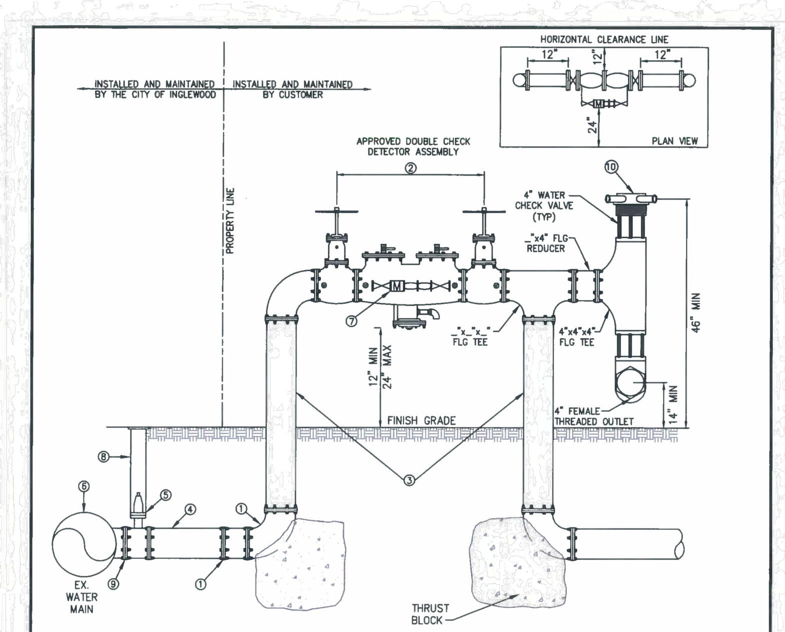
1. INSTALL "BLUE" PAVEMENT MARKER PER W-355 SHEET 49.
2. COAT ALL FITTINGS, VALVES & BOLTED COUPLING WITH NO-OX-10 COMPOUND

PROFILE

CITY OF INGLEWOOD WATER STANDARDS | FIRE HYDRANT ASSEMBLY | DRAWN BY: K.S/T. LEE | DATE: JULY/2020 | CHECKED BY: S. YCUTE/F. MEDINA | CHECKED BY: T. LEE/K. SANDERLIN | APPROVED BY: PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 12

7 FIRE HYDRANT

N.T.S.



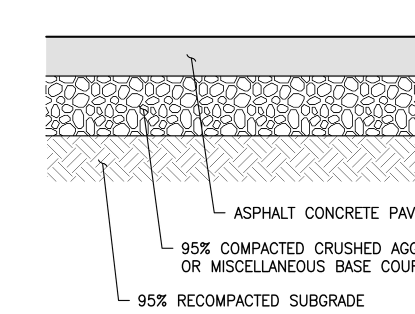
NOTE:
1. CITY WILL INSTALL BLIND FLANGE AT CONNECTION POINT/PROPERTY LINE.
2. THE DETECTOR ASSEMBLY SHALL BE INSPECTED AND APPROVED BY THE CITY AND FIRE DEPARTMENT (IF NECESSARY) IMMEDIATELY AFTER INSTALLATION. CALL THE CITY 48 HRS BEFORE INSPECTION.
3. 2 EA DUCTILE IRON PIPE SPOOLS (RESTRAINED)
4. _ LF CLASS 350 DUCTILE IRON (RESTRAINED) SEE CITY SPECIFICATIONS FOR BACKFILL REQUIREMENTS
5. 1 EA _" FLANGE BY M.J. GATE VALVE ASSEMBLY PER INGLEWOOD CITY STD. W-355 SHT. 10
6. 1 EA EPOXY COATED TAPPING SLEEVE, M.J. TAPPING SLEEVE, WELD NOZZLE, OR MJxFLG TEE _" O.D. MAIN WITH _" SERVICE LATERAL
7. 1 EA BY-PASS METER THAT IS APPROVED BY THE REDUCED PRESSURE DOUBLE CHECK DETECTOR ASSEMBLY MANUFACTURER SHALL BE FACTORY INSTALLED AND THE ACCOMPANYING FACTORY METER CERTIFICATE SHALL BE PROVIDED TO THE DEPARTMENT. BY-PASS REGISTER METER SHALL READ IN 100'S OF CU.FT.
8. 1 EA VALVE CAN ASSEMBLY PER INGLEWOOD CITY STD. W-355 SHT. 10
9. 1 EA PIPELINE SEAL AND INSULATOR, INC INSULATING KIT TO BE USED BETWEEN THE TAPPING SADDLE AND VALVE WHEN DISSIMILAR METALS (DUCTILE IRON AND STEEL) ARE INVOLVED
10. 1 EA FIRE DEPARTMENT CONNECTION (FDC), SIZE ORIENTATION, AND PROTECTIVE ENCLOSURE OR PROTECTIVE DEVICES SHALL BE COORDINATED, INSPECTED, AND APPROVED BY THE FIRE DEPARTMENT UPON INSTALLATION (909-384-5388)

NOTE:
1. ANY BACKFLOW RELATED INSTALLATION AND/OR REPLACEMENT, INCLUDING PARTS, SHALL ADHERE TO THE MOST CURRENT UNIVERSITY OF SOUTHER CALIFORNIA (USC) FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH STANDARDS.
2. SWAB INTERIOR OF PIPE, VALVES, AND FITTINGS, AND SWAB INTERIOR OF EXISTING MAINS TO WHICH NEW PIPING WILL BE CONNECTED (BOTH UPSTREAM AND DOWNSTREAM OF THE NEW BACKFLOW ASSEMBLY) WITH A 5%SODIUM HYPOCHLORTE SOLUTION. AFTER DISINFECTION, FLUSH WITH POTABLE WATER AGAIN UNTIL WATER IS FREE OF CHLORINE ODOR.
3. IF GIVING A WAVIER TO INSTALL A BACKFLOW ASSEMBLY A CERTAIN DISTANCE FROM THE METER, THEN THE PIPING SHALL BE EXPOSED FROM THE SERVICE METER TO THE BACKFLOW ASSEMBLY WITH NO TEES OR CONNECTIONS, AND ENCASED IN A TWO SACK SLURRY MIX. THE WORK SHALL BE WITNESSED AND APPROVED BY WATER QUALITY CROSS-CONNECTION CONTROL.

CITY OF INGLEWOOD WATER STANDARDS | REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY INSTALLATION | DRAWN BY: K.S./T.LEE | DATE: JULY/2020 | CHECKED BY: S. YCUTE/F. MEDINA | CHECKED BY: T. LEE/K. SANDERLIN | APPROVED BY: PUBLIC WORKS DIRECTOR RCE NO. 53062 | SCALE: N.T.S. | DRAWING NO. W-355 | REVISED: 0 | SHEET: 30

4 BACKFLOW PREVERNTER

N.T.S.



A.C. PAVEMENT TYPE	ASPHALT CONCRETE (INCHES)	BASE COURSE (INCHES)	RECOMPACTED SUBGRADE (INCHES)
PEDESTRIAN/VEHICULAR PARKING	3"	6"	12"
HEAVY TRUCK TRAFFIC	4"	8.5"	12"

NOTE:
1. PAVEMENT SECTIONS ARE BASED ON RECOMMENDATIONS FROM THE PROJECT GEOTECHNICAL REPORT.

1 ASPHALT PAVEMENT SECTION

N.T.S.

INGLEWOOD UNIFIED SCHOOL DISTRICT 1888

Practice
135 W. Green St Suite 200 Pasadena, CA 91105 | 626.568.1248 | practice-la.com

kpff
700 South Flower Street
Suite 2100
Los Angeles, CA 90017
O: 213.418.0201
www.kpff.com

INGLEWOOD HIGH SCHOOL

PACKAGE 1 - NEW CONSTRUCTION BLDGS #1-4 AND SITE WORK
INCREMENT 2

231 S. GREVILLEA AVENUE
INGLEWOOD, CA 90301

PROJECT NUMBER 22947

REGISTERED PROFESSIONAL ENGINEER ISHWAR DHUNGANA No. C77744 Exp. 6/30/25 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

The ideas and designs represented herein and this drawing, all prepared by Practice are for the use solely with respect to this project and Practice shall retain all common law, statutory and other reserved rights including copyright and they shall not be used by others for any other purpose without written permission of Practice.

ISSUE DATE	DESCRIPTION
04/03/2025	DSA SUBMISSION

REVISION DATE DESCRIPTION



DRAWING TITLE
CIVIL DETAILS

C6.01

SCALE

PLOT DATE '2/2024 3:47:03 PM

P:\2022\2200103 Inglewood HS Modernization\5 CAD\Sheets\INCREMENT-2-NEW CONSTRUCTION\2200103-C-C-5.01 DT.dwg, May 29, 2025 - 3:10pm

If this sheet is smaller than 36" high by 48" wide then it has been reduced.

Appendix D

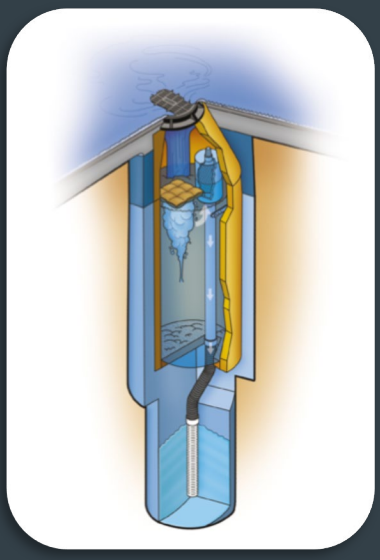
Covenant and Agreement + Operation and Maintenance Plans

CALIFORNIA

OPERATION AND MAINTENANCE MANUAL

for

MaxWell® Drywell Systems



MaxWell® IV



MaxWell® Plus

TORRENT RESOURCES
AN OLDCASTLE INFRASTRUCTURE COMPANY

January 2021

Company Overview

Torrent Resources (www.TorrentResources.com) is a full-service drainage solutions partner with a team of experts ready to address ever-growing stormwater management needs in California, Arizona, and throughout the western United States. Since 1972, Torrent Resources has set the standard in design and construction of stormwater drywell systems for the mitigation of excess surface runoff. In 1974, the company revolutionized the industry with its exclusive ***MaxWell***® system – unmatched in efficiency and reliability by any other type of stormwater drywell system. To date, more than 70,000 MaxWell drywells have been installed and are successfully operating for both our municipal and private development customers.

Torrent Resources is a wholly-owned subsidiary of Oldcastle Infrastructure (www.oldcastleinfrastructure.com)

MaxWell Drywell System Description

The MaxWell is an enhanced stormwater treatment drywell which utilizes deep infiltration to capture and treat surface runoff and recharge groundwater. Maxwell drywells are used either as a stand-alone Best Management Practice (BMP) or in combination with other storage/treatment BMPs. The MaxWell system is not intended to provide significant storage volume, but instead is designed to dispose of accumulated stormwater to ensure maximum pretreatment efficiency.

A key feature of the MaxWell system is its pretreatment settling chamber(s) designed to remove sediment, debris, floating hydrocarbons, and other organic compounds prior to recharging the treated stormwater back into the sub-grade. The water is then further treated by the soil as it passes through the vadose zone to eventually replenish the groundwater resources.

There are two main types of MaxWell drywells systems, 1) the MaxWell IV, and 2) the MaxWell Plus. The ***MaxWell IV*** (the fourth iteration of enhanced drywell since 1974) provides pretreatment with a single 4-ft diameter settling chamber. The chamber is typically 15 - 25 feet deep with up to a 10-ft riser pipe (sump) fitted with a debris shield and screen to ensure stormwater is treated before entering the drywell rock shaft (4 - 6 feet diameter, up to 120 feet deep). The debris shield forces water to be drawn into the system from several inches beneath the surface, effectively isolating and containing floating trash, paper, debris and pavement oils within the chambers. The ***MaxWell Plus*** provides an additional chamber to increase pretreatment. The primary settling chamber includes a vented and screened outlet to capture trash, debris, and pollutants before treated water can enter the second chamber.

Each MaxWell chamber is equipped with two hydrophobic floating absorbent pillows, which will remove a wide range of hydrocarbons and organic liquids. The sponges are 100% water repellant, and wick floating petrochemical compounds from the surface of the water. Each pillow has a removal capacity of up to 1.35 gallons to accommodate effective, long-term treatment.

Typically, each chamber is equipped with a bolted 30” diameter cast-iron grate or solid manhole lid, at the surface. These metal grates and covers are embossed with the Torrent Resources company name, the MaxWell trade name, and the words “Storm Water Only” as a general reminder to the public as to the intended usage of the structure. In some cases, alternative covers may be required by a local jurisdiction and/or to address project constraints.

Note: The operation, inspection, and maintenance procedures described herein, can be performed without entering the drywell chambers. Should chamber entry be required for repairs or other unforeseen reasons, proper confined space protocols, equipment, and training shall be used.

Operation

All water is routed through the drywell system via gravity flow. There are no mechanical moving parts or electrical equipment. Any flow monitoring equipment is considered separate from the MaxWell system and not covered within this document. Likewise, all pipes and any apparatus used to bring water to and from the drywell are considered separate from the MaxWell system.

Inspection

Protocol

Inspection of MaxWell systems can be performed from the surface without entering the drywell. Inspections will typically require the following equipment:

- 3/4” socket wrench to remove/replace grate/lid bolts
- A manhole lid puller/lifter or similar means to safely remove the manhole lid
- Flashlight and/or mirror to reflect light into chamber
- 25-ft + measuring tape
- *Maintenance Data and Warranty Information* sheet provided by Torrent Resources after installation.
- Where necessary, appropriate traffic control and pedestrian safety measures may be needed to safely inspect the drywell.

The inspection should include, at a minimum, the following observations for each drywell/settling chamber:

1. Ensure that water in the chambers has drawdown within the required time (varies by jurisdiction, typically 48-96 hours). It is normal for a few inches of water to remain at the bottom of slurry-bottom chambers.
2. Ensure that there are no obstructions, trash, or debris that prevent water from entering or leaving the drywell chambers.
3. Measure the amount of sediment and trash accumulation by using a tape measure to determine the depth of material and subtracting that amount from the total chamber depth (reference *Maintenance Data and Warranty Information* sheet). If 2 feet or more of material has accumulated, then maintenance should be performed. For the MaxWell Plus system, it is common to see significantly more accumulation in the primary settling chamber.
4. Observe the presence and condition of all hydrocarbon pillows. Each chamber should have two hydrocarbon pillows. Pillows should be intact and free to float.
5. Ensure that all screens, shields, and pipes are intact and not damaged.
6. Most chambers have a concrete bottom. However, in some cases the bottom is made of geotextile fabric. If applicable, ensure the geotextile fabric is completely covering the bottom surface area and not damaged.

If drywell grates/lids were removed during inspection, replace (clean lip, if necessary, to ensure a flush fit) and re-secure with bolts.

Frequency

It is recommended that systems are inspected at least once each year and after major storms.

Maintenance

Protocol

Maintenance of MaxWell systems can be performed from the surface without entering the drywell. Maintenance operations will typically require the following equipment:

- 3/4” socket wrench to remove/replace grate/lid bolts
- A manhole lid puller/lifter or similar means to safely remove the manhole lid
- A long/extendable hook to remove riser pipe screen
- Flashlight and/or mirror to reflect light into chamber
- Vacuum truck with extension hose and jet rod
- Replacement absorptive pillows
- *Maintenance Data and Warranty Information* sheet provided by Torrent Resources after installation.
- Where necessary, appropriate traffic control and pedestrian safety measures may be needed to safely inspect the drywell.

Typical maintenance shall include removing all surface grates/lids to clean and service the drywell chambers. Removal of accumulated trash, debris, and sediment shall be done using a hydro-vacuum truck (see photo below). The hydro-vacuum truck utilizes streams of air and high-pressure water to dislodge built-up material, which is then removed via a vacuum hose and stored within the truck’s tank until proper disposal. Obstructions or accumulated debris on inlets, screens, and/or connecting pipes is removed by jet-rodding (typically included on the hydro-vacuum truck) and then vacuumed. If the riser screen requires cleaning, the riser shield is fitted with a metal loop and can removed/replaced from the surface with a long hook. Certain MaxWells utilize a geotextile fabric bottom within the chambers; care should be taken to note the depth of the chamber and ensure that the fabric is not damaged or removed during the vacuuming process.

Absorbent pillows are typically removed during hydro-vacuum operations and disposed of with removed debris and sediment. If pillow replacement is required prior to hydro-vacuum operation, new pillows can be dropped in the chambers.

Following hydro-vacuum operations, drywell grates/lids should be replaced (clean lip, if necessary, to ensure a flush fit) and re-secured with bolts.

All removed material, including absorptive pillows, shall be disposed of in accordance with local regulations.

A written log shall be kept of all inspections and maintenance actions performed on the drywell systems Hydro-vacuum maintenance typically requires 2-4 hours per drywell system.

Refer to **Appendix A** for detailed maintenance steps and blank inspection and maintenance log.



Typical hydro-vacuum truck used for drywell maintenance

Frequency

The need for maintenance is assessed and determined by annual/post-storm inspections, as described above, and can vary from year to year. Additionally, the frequency of recurrent maintenance is heavily dependent on many factors including, but not limited to drywell drainage area size and condition, as well as the size and condition of any upstream BMPs. The following should therefore be considered only as general estimates for maintenance intervals:

Hydro-vacuum and jet-rod cleaning:

1-2 years for:

- urban right-of-ways and parcels with high trash, debris, and/or sediment loads

or

- drainage areas larger than 10 acres

3-5 years for:

- drainage areas with upstream BMPs and/or pretreatment (i.e. trash capture devices)

or

- drainage areas smaller than 5 acres

Pillow replacement:

1-5 years

Hydrocarbon pillows are typically replaced during hydro-vacuum cleaning; however, it is possible the pillows may need to be replaced sooner than a hydro-vacuum cleaning is required. This may be the case for drainage areas that have heavy vehicular use, but low sediment/trash loads (i.e. parking lots).

Repairs

Protocol

Should repairs be needed, all materials shall be replaced in accordance with the design specifications for the drywell. Confined space entry to the drywell may be required and shall only be done by trained staff with proper safety equipment.

Frequency

As needed.

Torrent Resources can be contracted to assist with any MaxWell maintenance and/or repairs.

Lifespan

Torrent Resources has been installing MaxWell systems since 1974. Most of these drywells are still successfully operating today. With proper maintenance, a MaxWell drywell system will provide an efficient stormwater management solution for many decades. All MaxWell systems include a 5-year limited warranty – refer to the *Maintenance Data and Warranty Information* sheet provided by Torrent Resources after installation for warranty details.

Contact Information

General Inquires

For additional information concerning, general usage, maintenance products, or replacement parts please contact:

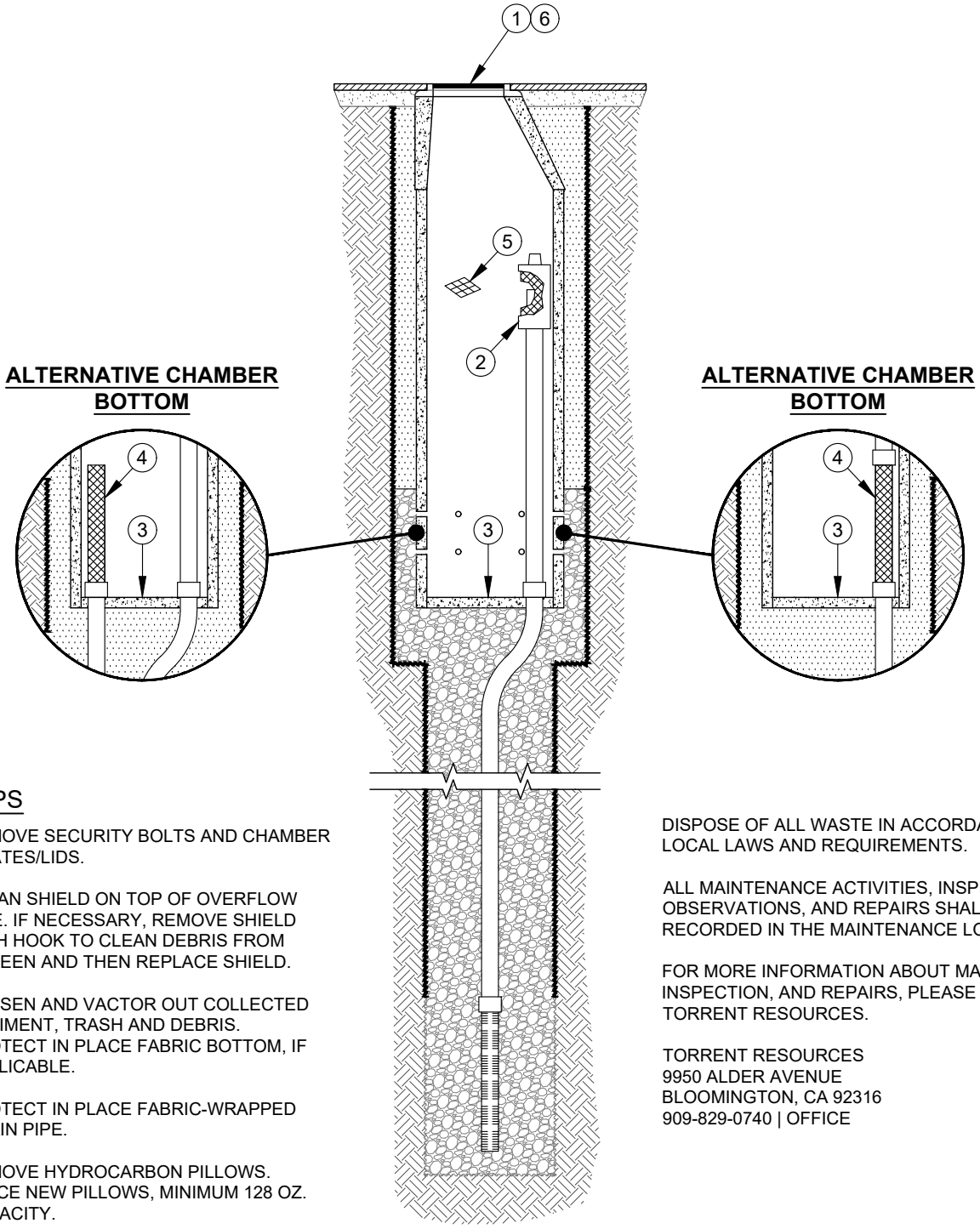
OII-ServiceAndMaintenance@oldcastle.com

OldcastleInfrastructure.com/Service-Maintenance

(888) 950-8826

APPENDIX A

The MaxWell® IV
MAINTENANCE PROCEDURES



STEPS

1. REMOVE SECURITY BOLTS AND CHAMBER GRATES/LIDS.
2. CLEAN SHIELD ON TOP OF OVERFLOW PIPE. IF NECESSARY, REMOVE SHIELD WITH HOOK TO CLEAN DEBRIS FROM SCREEN AND THEN REPLACE SHIELD.
3. LOOSEN AND VACTOR OUT COLLECTED SEDIMENT, TRASH AND DEBRIS. PROTECT IN PLACE FABRIC BOTTOM, IF APPLICABLE.
4. PROTECT IN PLACE FABRIC-WRAPPED DRAIN PIPE.
5. REMOVE HYDROCARBON PILLOWS. PLACE NEW PILLOWS, MINIMUM 128 OZ. CAPACITY.
6. REPLACE CHAMBER GRATES/LIDS AND SECURE WITH SECURITY BOLTS.

TYPICAL DETAIL
MAY VERY FROM DESIGN PLANS

DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL LAWS AND REQUIREMENTS.

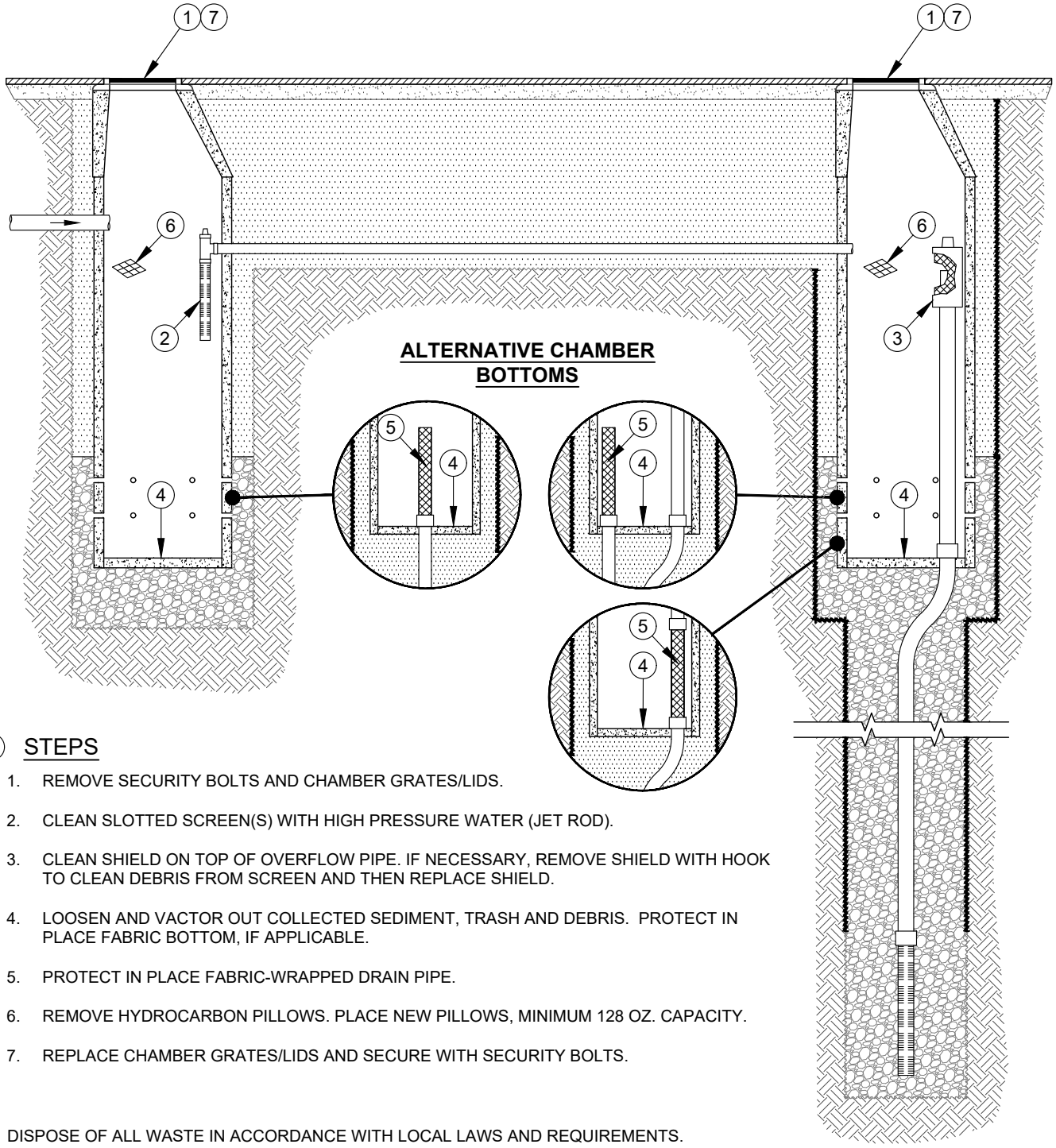
ALL MAINTENANCE ACTIVITIES, INSPECTION OBSERVATIONS, AND REPAIRS SHALL BE RECORDED IN THE MAINTENANCE LOG BOOK.

FOR MORE INFORMATION ABOUT MAINTENANCE, INSPECTION, AND REPAIRS, PLEASE CONTACT TORRENT RESOURCES.

TORRENT RESOURCES
9950 ALDER AVENUE
BLOOMINGTON, CA 92316
909-829-0740 | OFFICE

TORRENT® RESOURCES

The MaxWell® Plus
MAINTENANCE PROCEDURES



STEPS

1. REMOVE SECURITY BOLTS AND CHAMBER GRATES/LIDS.
2. CLEAN SLOTTED SCREEN(S) WITH HIGH PRESSURE WATER (JET ROD).
3. CLEAN SHIELD ON TOP OF OVERFLOW PIPE. IF NECESSARY, REMOVE SHIELD WITH HOOK TO CLEAN DEBRIS FROM SCREEN AND THEN REPLACE SHIELD.
4. LOOSEN AND VACTOR OUT COLLECTED SEDIMENT, TRASH AND DEBRIS. PROTECT IN PLACE FABRIC BOTTOM, IF APPLICABLE.
5. PROTECT IN PLACE FABRIC-WRAPPED DRAIN PIPE.
6. REMOVE HYDROCARBON PILLOWS. PLACE NEW PILLOWS, MINIMUM 128 OZ. CAPACITY.
7. REPLACE CHAMBER GRATES/LIDS AND SECURE WITH SECURITY BOLTS.

DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL LAWS AND REQUIREMENTS.

ALL MAINTENANCE ACTIVITIES, INSPECTION OBSERVATIONS, AND REPAIRS SHALL BE RECORDED IN THE MAINTENANCE LOG BOOK.

FOR MORE INFORMATION ABOUT MAINTENANCE, INSPECTION, AND REPAIRS, PLEASE CONTACT TORRENT RESOURCES.

TYPICAL DETAIL
MAY VERY FROM DESIGN PLANS

TORRENT RESOURCES
9950 ALDER AVENUE
BLOOMINGTON, CA 92316
909-829-0740 | OFFICE

TORRENT® RESOURCES

Inspection & Maintenance Log

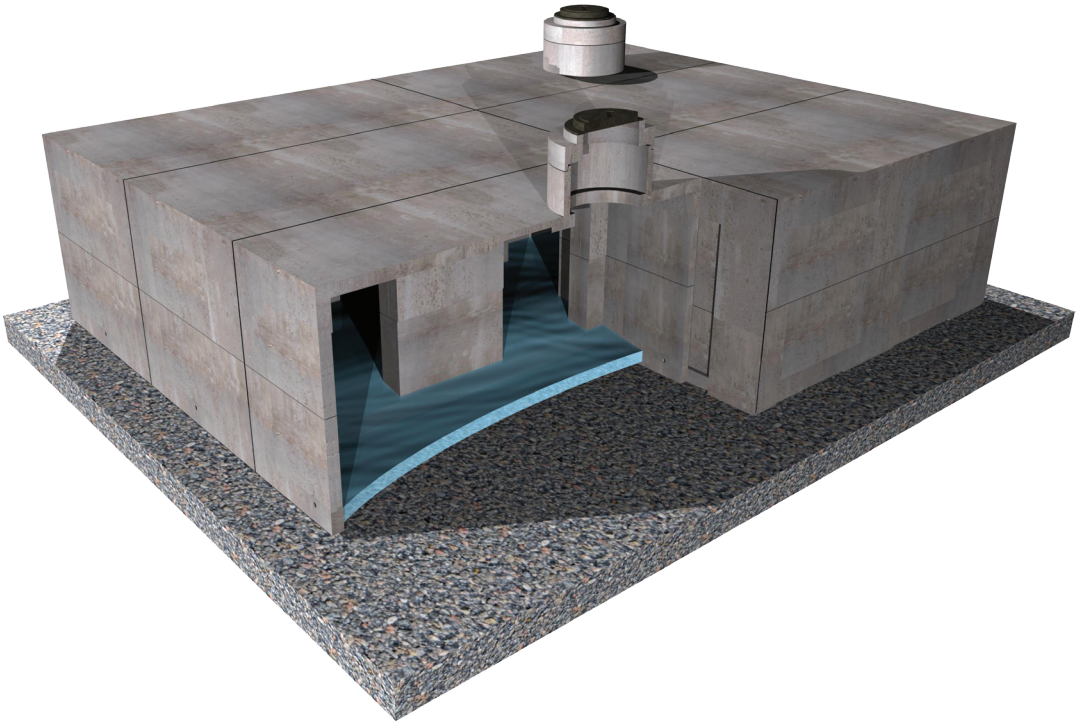
Location: _____

Date	Description of Actions Performed/Comments	Performed By

Oldcastle Infrastructure™
A CRH COMPANY

STORMCAPTURE®

Inspection and Maintenance Guide



Water

Description

The StormCapture® system is an underground, modular, structural precast concrete storage system for stormwater detention, retention, infiltration, harvesting and reuse, and water quality volume storage. The system's modular design utilizes multiple standard precast concrete units with inside dimensions of 7 feet by 15 feet (outside dimensions of 8 feet by 16 feet) to form an underground storage system. The inside height of the StormCapture system can range from 2 feet to 14 feet. This modular design provides limitless configuration options for site-specific layouts.

StormCapture components can be provided as either open-bottom modules to promote infiltration or closed-bottom modules for detention. In some cases, StormCapture modules can be placed in a checkerboard configuration for an even more efficient design. A Link Slab, with a footprint of 9 feet by 17 feet, is then used to bridge each space without a module.

The standard StormCapture design incorporates lateral and longitudinal passageways between modules to accommodate internal stormwater conveyance throughout the system. These passageways may be classified as either a "window configuration" with standard 12-inch tall sediment baffles extending up from the floor of the module to the bottom of the window, or a "doorway configuration" without the sediment baffles. The function and drainage rate of a StormCapture system depends on site-specific conditions and requirements.

Stormwater typically enters the StormCapture system through an inlet pipe. Grated inlets can also be used for direct discharge into the system. The StormCapture system is rated for H-20 traffic loading with limited cover. Higher load requirements can also be accommodated. In addition, StormCapture systems are typically equipped with a limited number of maintenance modules that provide access to the system for ongoing inspection and maintenance.

Function

The StormCapture system is primarily used to manage water quantity by temporarily storing stormwater runoff from impervious surfaces to prevent flooding, slow down the rate at which stormwater leaves the site, and reduce receiving stream erosion. In addition, the StormCapture system can be used to capture stormwater runoff for water quality treatment. Regardless of how the StormCapture system is used, some sedimentation may occur in the modules during the time water is stored.

Configurations

The configuration of the StormCapture systems may vary, depending on the water quality and/or quantity requirements of the site. StormCapture configurations for detention, retention/infiltration, and retention/harvesting are described below.

Detention

StormCapture Detention systems are designed with a closed bottom to detain stormwater runoff for controlled discharge from the site. This design may incorporate a dead storage sump and a permanent pool of water if the outlet pipe is higher than the floor elevation. Discharge from the system is typically controlled by an outlet orifice and/or outlet weir to regulate the rate of stormwater leaving the system. StormCapture Detention systems are typically designed with silt-tight joints, however when conditions exist that require a StormCapture system to be watertight, the system may be wrapped in a continuous, impermeable geomembrane liner. If the StormCapture Detention system includes Link Slabs, a liner must be used to detain water since the chambers under each Link Slab have no floor slab. In this case, care must be taken by maintenance personnel not to damage the exposed liner beneath each Link Slab.

Retention/Infiltration

StormCapture Retention/Infiltration systems are designed with an open bottom to allow for the retention of stormwater onsite through infiltration into the base rock and surrounding soils. For infiltration systems, the configuration of the base of the StormCapture system may vary, depending on the needs of the site and the height of the system. Some systems may use modules that have fully open bottoms with no concrete floor, while other systems may use modules that incorporate floor openings in the base of each module. These are typically 24-inch by 24-inch openings. For open-bottom systems, concrete splash pads may be installed below inlet grate openings and pipe inlets to prevent erosion of base rock. A StormCapture Infiltration system may have an elevated discharge pipe for peak overflow.

Retention/Harvesting

StormCapture Retention/Harvesting systems are similar to detention systems using closed-bottom modules, but stormwater is typically retained onsite for an extended period of time and later reused for non-potable applications or irrigation. For rainwater harvesting systems, an impermeable geomembrane liner is typically installed around the modules to provide a water-tight system.

Inspection and Maintenance Overview

State and local regulations typically require all stormwater management systems to be inspected on a regular basis and maintained as necessary to ensure performance and protect downstream receiving waters. Inspections should be used to evaluate the conditions of the system. Based on these inspections, maintenance needs can be determined. Maintenance needs vary by site and system. Using this Inspection & Maintenance Guide, qualified maintenance personnel should be able to provide a recommendation for maintenance needs. Requirements may range from minor activities such as removing trash, debris or pipe blockages to more substantial activities such as vacuuming and removal of sediment and/or non-draining water. Long-term maintenance is important to the operation of the system since it prevents excessive pollutant buildup that may limit system performance by reducing the operating capacity and increasing the potential for scouring of pollutants during periods of high flow.

Only authorized personnel shall inspect and/or enter a StormCapture system. Personnel must be properly trained and equipped before entering any underground or confined space structure. Training includes familiarity with and adherence to any and all local, state and federal regulations governing confined space access and the operation, inspection, and maintenance of underground structures.

Inspection and Maintenance Frequency

The StormCapture system should be inspected on a regular basis, typically twice per year, and maintained as required. The maintenance frequency will be driven by the amount of runoff and pollutant loading encountered by a given system. Local jurisdictions may also dictate inspection and maintenance frequencies.

Inspection Equipment

The following equipment is helpful when conducting StormCapture inspections:

- Recording device (pen and paper form, voice recorder, iPad, etc.)
- Suitable clothing (appropriate footwear, gloves, hardhat, safety glasses, etc.)
- Traffic control equipment (cones, barricades, signage, flagging, etc.)
- Manhole hook or pry bar
- Confined space entry equipment, if needed
- Flashlight
- Tape measure
- Measuring stick or sludge sampler
- Long-handled net (optional)

Inspection Procedures

A typical StormCapture system provides strategically placed access points that may be used for inspection. StormCapture inspections are usually conducted visually from the ground surface, without entering the unit. This typically limits inspection to the assessment of sediment depth, water drain down, and general condition of the modules and components, but a more detailed assessment of structural condition may be conducted during a maintenance event.

To complete an inspection, safety measures including traffic control should be deployed before the access covers are removed. Once the covers have been removed, the following items should be inspected and recorded (see form provided at the end of this document) to determine whether maintenance is required:

- Observe inlet and outlet pipe penetrations for blockage or obstruction.
- If possible, observe internal components like baffles, flow control weirs or orifices, and steps or ladders to determine whether they are broken, missing, or possibly obstructed.
- Observe, quantify, and record the sediment depths within the modules.
- Retrieve as much floating trash as possible with a long-handled net. If a significant amount of trash remains, make a note in the Inspection & Maintenance Log.
- For infiltration systems, local regulations may require monitoring of the system to ensure drain down is occurring within the required permit time period (typically 24 to 72 hours). If this is the case, refer to local regulations for proper inspection procedure.

Maintenance Indicators

Maintenance should be scheduled if any of the following conditions are identified during the inspection:

- Inlet or outlet piping is blocked or obstructed.
- Internal components are broken, missing, or obstructed.
- Accumulation of more than six inches of sediment on the system floor or in the sump, if applicable.
- Significant accumulation of floating trash and debris that cannot be retrieved with a net.
- The system has not drained completely after it hasn't rained for one to three days, or the drain down does not meet permit requirements.
- Any hazardous material is observed or reported.

Maintenance Equipment

The following equipment is helpful when conducting StormCapture maintenance:

- Suitable clothing (appropriate footwear, gloves, hardhat, safety glasses, etc.)
- Traffic control equipment (cones, barricades, signage, flagging, etc.)
- Manhole hook or pry bar
- Confined space entry equipment, if needed
- Flashlight
- Tape measure
- Vacuum truck

Maintenance Procedures

Maintenance should be conducted during dry weather when no flow is entering the system. Confined space entry is usually required to maintain the StormCapture. Only personnel that are OSHA Confined Space Entry trained and certified may enter underground structures. Once safety measures such as traffic control have been deployed, the access covers may be removed and the following activities may be conducted to complete maintenance:

- Remove trash and debris using an extension on the end of the boom hose of the vacuum truck. Continue using the vacuum truck to completely remove accumulated sediment. Some jetting may be necessary to fully evacuate sediment from the system floor or sump. Jetting is acceptable in systems with solid concrete floors or base slabs (referred to as closed-bottom systems). However, jetting is not recommended for open-bottom systems with a gravel foundation since it may cause bedding displacement, undermining of the foundation, or internal disturbance.
- All material removed from the system during maintenance must be disposed of in accordance with local regulations. In most cases, the material may be handled in the same manner as disposal of material removed from sumped catch basins or manholes.
- Inspect inlet and outlet pipe penetrations for cracking and other signs of movement that may cause leakage.
- Inspect the concrete splash pads (applicable for open-bottom systems only) for proper function and placement.
- Inspect the system for movement of modules. There should be less than 3/4-inch spacing between modules.
- Inspect the general interior condition of modules for concrete cracking or deterioration. If the system consists of horizontal joints as part of the modules, inspect those joints for leakage, displacement or deterioration.

Be sure to securely replace all access covers, as appropriate, following inspection and/or maintenance. If the StormCapture modules or any of the system components show significant signs of cracking, spalling, or deterioration or if there is evidence of excessive differential settlement between modules, contact Oldcastle Infrastructure at **800-579-8819.**

StormCapture
Inspection & Maintenance Log

Refer to as-built records for details about system size and location onsite

Location _____

System Configuration:

Inspection Date _____

☐ Detention ☐ Infiltration ☐ Retention/Harvesting

Inlet or Outlet Blockage or Obstruction

Notes:

☐ Yes ☐ No

Condition of Internal Components

Notes:

☐ Good ☐ Damaged ☐ Missing

Sediment Depth Observed

Notes:

☐ Inches of Sediment: _____

Trash and Debris Accumulation

Notes:

☐ Significant ☐ Not Significant

Drain Down Observations

Notes:

☐ Appropriate Time Frame ☐ Inappropriate Time Frame

Maintenance Requirements

☐ **Yes - Schedule Maintenance** ☐ **No - Inspect Again in _____ Months**

STORMCAPTURE®

OUR MARKETS



BUILDING STRUCTURES



COMMUNICATIONS



WATER



ENERGY



TRANSPORTATION

Appendix E
Geotechnical Report

Both disturbed (bulk) and relatively undisturbed samples were obtained from each boring. These samples were secured and transported to our laboratory for testing. The results of the laboratory testing are discussed in the following sections of this report and provided in Appendix D.

The locations of previous borings excavated on the site by Geotechnologies in 2001 and the fault trenches excavated by Smith-Emery in 2001 are also shown on Plate 2. The logs of their borings and fault trenches are provided in Appendices A and B, respectively.

STORMWATER INFILTRATION TESTING

Seven 8-inch-diameter borings were drilled on the subject site for the purpose of performing infiltration tests for possible stormwater infiltration. *Four* of the borings, PT-1, PT-2, PT-3 and *PT-7*, were drilled in potential dry well locations as determined by the project civil engineers and were drilled to depths of 25 *to 30* feet (plus 1 additional foot for sealing the bottom of the infiltration zone). The remaining three borings PT-4, PT-5 and PT-6 were drilled to depths of 5 feet (plus 1 additional foot for sealing the bottom of the infiltration zone) in potential shallow bioretention basin locations. The tested infiltration zones within the borings were all located in native Lakewood Formation marine deposits.

Infiltration tests were performed in accordance with the County of Los Angeles Administrative Manual GS200.1. Due to concerns regarding the potential for caving within large diameter borings drilled in the Lakewood Formation, the infiltration testing was performed in accordance with the Small Diameter Boring Infiltration Test procedure outlined in GS200.1.

Deep Dry Well Construction & Abandonment

Borings PT-1, PT-2 and PT-3 were drilled to depths of 26 feet to allow for a 1-foot bentonite plug below the infiltration zone, which was between 10 and 25 feet below the ground surface. Boring PT-7 was drilled to a depth of 31 feet to allow for a 1-foot bentonite plug below the infiltration zone, which was between 10 and 30 feet below the ground surface. After placement of the impervious plug, a 2-inch-diameter slotted PVC pipe was inserted within the infiltration zone in each boring. Solid PVC pipe was used for the remaining upper 10 feet. The annulus between the slotted pipe and the boring sides was then backfilled with #3 coarse sand to at least 12 inches above the slotted zone. The remaining annulus was backfilled with spoils from the borings. At the conclusion of testing, the pipes were left in the borings and the upper 4 inches capped with either asphalt cold patch or dirt, depending on the boring's location.

Shallow Well Construction & Abandonment

The three shallow borings intended for determining the feasibility of using bioretention basins were drilled to depths of 6 feet to allow for a 1-foot bentonite plug below the infiltration zone, which was between 4 and 5 feet below the ground surface. After placement of the impervious plug, a 2-inch-

diameter slotted PVC pipe was inserted within the infiltration zone of each boring. Solid PVC pipe was used for the remaining upper 4 feet. The annulus between the slotted pipe and the boring sides was then backfilled with #3 coarse sand to at least 12 inches above the slotted zone. The remaining annulus was backfilled with spoils from the borings. At the conclusion of testing, the pipes were removed and the borings backfilled to the ground surface with the boring spoils.

Pre-Soak Procedure for Shallow Infiltration Wells

After the construction of the three shallow infiltration wells, and approximately 14 hours before the infiltration tests were to be performed the following day, clear water from the school's on-site municipal water system delivered to each boring location using a garden hose equipped with a digital flow meter was used to pre-soak each of the three borings. The following morning, the pre-soak water remained in borings PT-4 and PT-6 with very little drop, and it was determined that those locations were not feasible for infiltration testing or shallow bioretention basins. The pre-soak water in boring PT-5 had infiltrated overnight, and additional pre-soak water was added to approximately 12 inches above the infiltration zone 1 hour before the infiltration test was started.

Pre-Soak Procedure for Deep Dry Wells

After the construction of the PT-1, PT-2 and PT-3 deep dry wells, and approximately 14 to 18 hours before the infiltration tests were to be performed, clear water from the school's municipal water system delivered to each boring using a garden hose equipped with a digital flow meter was used to pre-soak each boring. The following morning, the pre-soak water from borings PT-1 and PT-3 had infiltrated, but 10 inches of water remained in PT-2. Additional pre-soak water was added to each boring 1 hour before the infiltration test was to be begin. At the start of the pre-soak period, the water levels in PT-1 and PT-3 were established at a depth of 10 feet below ground surface, then allowed to drain for 1 hour prior to testing. In PT-2, the highest the pre-soak water level would reach after adding 375 gallons was about 14 feet. The water was then allowed to drain for 1 hour prior to starting the infiltration test.

Immediately after the construction of the PT-7 deep dry well, clear water from the school's municipal water system delivered to the boring using a garden hose equipped with a digital flow meter was used to pre-soak the boring for approximately 1.5 hours. After the addition of 68 gallons of pre-soak water during the 1.5 hours, the water level remained at 16.85' below the ground surface.

Infiltration Test Procedure

It was determined that constant head tests were appropriate for each of the *five* borings tested. Water was added to each of the *five* borings using a garden house equipped with a digital flow meter. The water depth was maintained at about 10 feet below the ground surface in PT-1, PT-2 *and PT-7* for the

duration of the test. In PT-2, the water depth was maintained at about 14 feet. The flow rate was managed throughout the testing process using the adjustable flow meter to maintain the constant head, and the gallons used during the duration of the tests were recorded at regular intervals. The recording interval for PT-1 and PT-2 was 20 minutes, while the recording interval for PT-3, PT-5, *and PT-7* was 30 minutes. The water level was maintained for at least 3 hours and until a stabilized flow rate was achieved, which was defined as when the highest and lowest readings were within 10 percent of each other for three consecutive intervals. In the case of all five borings, the flow rate stabilized before the 3-hour minimum test time was up, but the test was continued for the required 3 hours per GS200.1 guidelines. The results of the infiltration testing for each boring are included as *Plates C.1 through C.5* in Appendix C.

Data Analysis

Data analysis was performed in accordance with GS200.1. A plot of cumulative volume in gallons versus time in minutes was created for each test (see Plate G-1 in Appendix C). Per GS200.1, the raw measured infiltration rate for each test was reduced to determine design values that are estimated to represent long-term performance of the proposed dry well systems:

$$Design\ Infiltration\ Rate = \frac{Measured\ Infiltration\ Rate}{RF_t \times RF_v \times RF_s}$$

RF_t = reduction factor due to test method

RF_v = reduction factor due to site variability, etc.

RF_s = reduction factor due to siltation, plugging, and maintenance

The test method (Small Diameter Boring method) is assigned a reduction factor of 1 (RF_t = 1). A High Flow-rate reduction factor (RF_t) of 3 was assigned to all five wells. The earth materials exposed in the tested zones of the wells were fairly uniform, and the test wells were located near the proposed dry well systems and the bioretention basin location, so a factor of 1 was selected for site variability (RF_v = 1). Therefore, the measured infiltration rate for each well was reduced by a total factor of 5 to produce the long-term design infiltration rate. The project BMP designers should assign the appropriate Long-term siltation, plugging, and maintenance reduction factor based on the chosen infiltration BMPs.

Infiltration Test Results and Discussion

Testing was performed on June 10 and 11, 2024 *and September 12, 2024*. Detailed logs of the earth materials encountered in the test borings are provided on Plate PT-1 through *PT-7* in Appendix A, while the infiltration tests data and results are provided on *Plates C.1 through C.5* in Appendix C. The raw measured infiltration rates for each of the *five* borings *tested* are provided on those plates, along with the

reduced infiltration rates for use in designing the proposed BMPs. *The graphs showing infiltration rate versus time and water volume added versus time for each tested boring are provided on Plates C.6 through C.10 in Appendix C.*

Results of Shallow Infiltration Testing

Based on our observations of the pre-soak characteristics in PT-4 and PT-6, coupled with the low infiltration rate measured in PT-5, we do not consider the use of shallow bioretention basins which rely on infiltration into the underlying soils a feasible BMP option. This information has been provided to the project BMP designers, and we understand they are considering using above or below ground bioinfiltration planters that do not rely on subsurface infiltration.

Results of Deep Dry Well Infiltration Testing

Infiltration testing for the proposed dry wells indicates that the two proposed dry well locations located on the western portion of the campus, PT-1 and PT-2, have reduced infiltration rates greater than the minimum required 0.3 inches/hour per GS200.1, and these locations are considered suitable for on-site stormwater infiltration. PT-3 *and PT-7, however, have reduced infiltration rates* below the minimum required 0.3 inches/hour, and *these locations are* not considered suitable for deep dry well infiltration. The proposed infiltration BMP to be utilized for the two suitable dry well locations PT-1 and PT-2 should be designed to infiltrate in the subsurface at depths between 10 and 25 feet below the ground surface. For the design of the proposed dry well systems, the lowest reduced Infiltration Rate of 2.7 inches/hour obtained for PT-1 divided by the appropriate Long-term siltation, plugging, and maintenance reduction factor as determined by the project BMP designers should be used for both dry well locations. Based on our review of the substantial amount of subsurface geotechnical data available within a radius of about 150 feet of both PT-1 and PT-2, notably the borings excavated by Geotechnologies in 2001, it is apparent the Lakewood Formation deposits are similar in composition to what was encountered in those borings, and similar infiltration rates would be expected. We consider the lowest adjusted Infiltration Rate of 2.7 inches/hour applicable to a 50-foot radius around both PT-1 and PT-2 at the tested depth of 10 to 25 feet below the ground surface.

GEOLOGIC SETTING AND FAULTING

The site is mantled with minor amounts of undocumented artificial (af) fill having a typical thickness of less than 3 feet which overly native upper-Pleistocene-age marine sedimentary deposits herein referred to as the Lakewood Formation (Qlw). Based on previous fault trenching in 2001 and our recent supplemental fault trenching, no active faults are beneath the subject property. The reader is

of 5 feet are considered suitable for support of new compacted fill.

GROUNDWATER

Our review of the Seismic Hazard Zone Report for the Inglewood 7.5-minute quadrangle (CGS, SHZR 027, 1998 – see Plate 6 herein) indicates that the historic high groundwater level is on the order of 50 feet or greater below the ground surface. Groundwater was not encountered in any of the on-site borings excavated by Geotechnologies or GWV, which reached depths of 60 and 50 feet, respectively. Based on the historically high groundwater levels in the site's vicinity and the absence of groundwater observed in the on-site excavations, groundwater is neither expected to be encountered during the proposed construction, nor have a detrimental effect on the project.

SEISMICITY

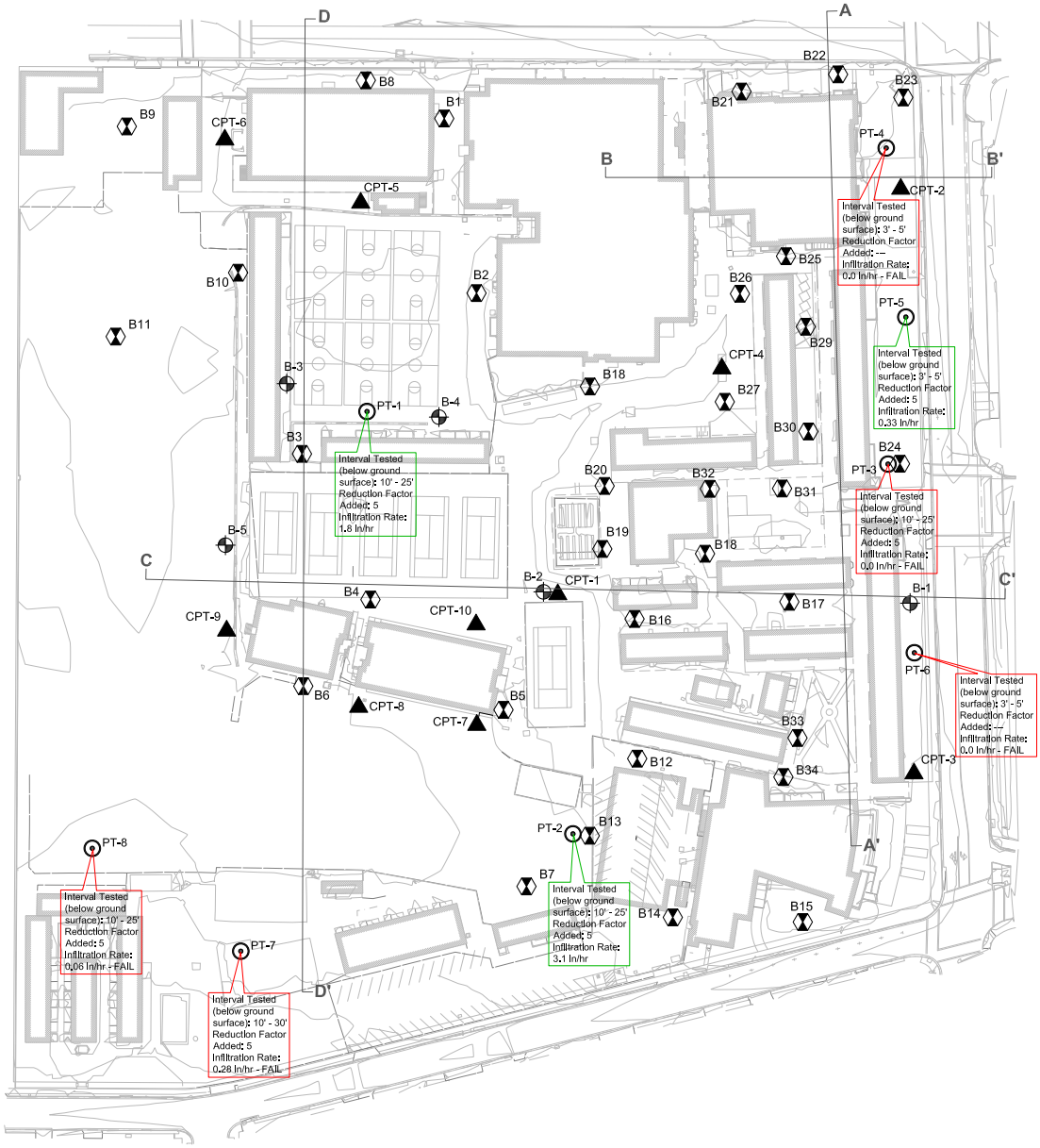
The subject site contains no known active or potentially active faults, nor is it within an Alquist-Priolo Earthquake Fault Zone. Therefore, the potential for ground rupture is considered to be very low. However, the property is situated within the seismically active Southern California region and ground shaking is likely to occur due to earthquakes caused by movement along faults within the region.

HISTORICAL SEISMICITY

The property has experienced ground shaking during historical times. To evaluate the historical seismicity at the site, the USGS Earthquakes Maps website was used. A search was performed of historical earthquakes within a 100 km radius of the Inglewood High School site. Results of the search note 361 earthquakes with magnitude of 4.0 or greater. The closest earthquake listed is a magnitude 4.0 earthquake that occurred within 1.9 miles of the site in April 2021, which was centered 2 km east of Lennox. The largest historical earthquake to occur within 100 km of the site was a 7.5 magnitude earthquake in 1812, centered northwest of San Bernardino. In the record search 309 earthquakes were listed with magnitudes equal to or greater than 4 and less than 5, 42 earthquakes with magnitudes equal to or greater than 5 and less than 6, nine earthquakes with magnitudes equal to or greater than 6 and less than 7, and one earthquake equal or greater than magnitude 7.

TEN LARGEST HISTORICAL EARTHQUAKES IN 100 KM RADIUS

PLACE	MAGNITUDE	DATE	DISTANCE (MI)
Northwest of San Bernardino, California	7.5	1812-12-08	49.3
Northridge, California, earthquake	6.7	1994-01-17	20.3
1971 San Fernando Earthquake, California	6.6	1971-02-09	31.5
The 1933 Long Beach, California Earthquake	6.4	1933-03-11	30.6
Cajon Pass area, northwest of San Bernardino, California	6.36	1899-07-22	54.3
Near Palmdale, California	6.3	1857-01-17	42.7



EXPLANATION

af	Artificial Fill
Qlw	Lakewood Formation (Older Alluvium)
	Approximate Location of Fault Trench by Smith-Emery GeoServices, 2001
	Approximate Location of Fault Trench by Geolabs-Westlake Village, 2023
B25	Approximate Location of Hollow Stem Auger Boring by Geotechnologies, 2001
B-2	Approximate Location of Hollow Stem Auger Boring by Geolabs-Westlake Village, 2024 & 2025
PT-6	Approximate Location of Infiltration Test Boring by Geolabs-Westlake Village, 2024 & 2025
CPT-2	Approximate Location of Cone Penetrometer Sounding by Geolabs-Westlake Village, 2024 & 2025
	Proposed Building Footprint (approximate)
C C'	Line of Geologic Cross Section

GEOLOGIC MAP

Inglewood High School
231 South Grevillea Avenue
County of Los Angeles,
City of Inglewood, California

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Revised 05/2025

Geolabs – Westlake Village
GEOLOGY AND SOILS ENGINEERING

DATE 05/2025 BY SDF
SCALE 1" = 40' JOB NO. 9711

PLATE 2

Path: P:\9711 Inglewood HS\Geolab-Map.dwg