Appendix C.2

Historic Resources Assessment

ESA

MORNINGSIDE HIGH SCHOOL SITE UPGRADE AND WOODWORTH ELEMENTARY SCHOOL DEMOLITION PROJECT

Historic Resources Assessment and Impacts Analysis

Prepared for
Cordoba Corporation

February 2023

ESA



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Cordoba Corporation

February 2023

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MORNINGSIDE HIGH SCHOOL SITE UPGRADE PROJECT

Historic Resources Assessment and Impacts Analysis

Executive Summary

Environmental Science Associates (ESA) has been retained by Cordoba Corporation (or Client) to prepare a Historic Resources Assessment (Report) for the proposed Morningside High School Site Upgrade Project (Project). The proposed Project involves improvements to the existing Morningside High School (Project Site or campus), including demolition of 10 buildings and hardscape (including 12 tennis courts and 6 basketball courts) and the construction of a relocated track and football/soccer field, tennis courts, basketball courts, shotput and discus areas, a softball field, and a baseball field. Stadium lighting, electronic scoreboards, and public announcement systems are proposed at the football field, softball field, and baseball field. The Project also includes vehicle and pedestrian circulation improvements, parking lot improvements, utility improvements, and landscape improvements. The focus of this Report is to identify and evaluate whether any significant historical resources are located on the Morningside High School (Morningside HS) campus for compliance with the California Environmental Quality Act (CEQA). The campus is located at 10500 Yukon Avenue South, within the City of Inglewood (City), Los Angeles County (County), California on assessor parcel number (APN) 4030-033-901. The Inglewood School District (District) is the lead agency pursuant to CEQA.

ESA evaluated Morningside HS for potential eligibility for listing in the National Register of Historic Places (National Register) and California Register of Historical Resources (California Register) as a potential historic district. Because the school property is governed by the District, and because the City of Inglewood does not have a preservation ordinance or local landmarks designation program and has not developed criteria for designation, Morningside HS was not evaluated for local eligibility. As a result of ESA's research and survey investigations, the 16 early buildings comprising Morningside HS (Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T) and its surrounding site are recommended eligible as a historic district under National Register Criteria A and C, and California Register Criterion 1 and 3. The period of significance for the potential district is 1950-1956 for its architectural significance and 1962-1969 for its association with significant patterns of history and historic events. The campus retains its integrity from both periods of significance to convey its significant historical and architectural associations, as summarized below.

Under National Register Criterion A and California Register Criterion 1, Morningside HS is associated with the challenges of public-school integration in California and within the City of Inglewood itself. Due to several key events, including the end of discriminatory housing policies, the movement of Black Angelenos to certain parts of Inglewood, and the Watts riots of 1965, the quickly changing racial demographics at the high school similarly reflected the quickly changing racial demographic of the City and its communities alike. The period of significance for Morningside HS's integration ranges from 1962 to 1969, which spans the arc of the first Black students enrolling at the school to the establishment of the Black Student Union, which also largely corresponded with the broader shift in the City's racial demographics.

Under National Register Criterion C and California Register Criterion 3, Morningside HS is eligible as an example of an intact clusterplan Postwar Modern Functionalist School plant that is reflective of a distinctive multiple-building southern California public high school campus, and as a mid-century era high school in the City of Inglewood. Further, the property conveys a strong association with two prominent Los Angeles area master architects, Ralph C. Flewelling and Walter L. Moody Architects, and Balch Bryan Perkins Hutchason, Architects. Based upon this finding of architectural significance, a period of significance has been identified as 1950 to 1956, beginning in 1950 with the construction of the first permanent building began and ending in 1956 when the expansion and second building campaign was completed.

The following 16 buildings contribute to the eligibility of Morningside HS as a historic district under National Register Criteria A and C, and California Register Criteria 1 and 3: Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T and the associated campus landscape are considered contributors to the potential Morningside HS historic district. Therefore, the contributing buildings comprising Morningside HS and associated landscape with covered walkways and playing fields are assigned a California Historic Resources Status Codes of 3D, "Appears eligible for NR as a contributor to a NR eligible district through survey evaluation," and 3CD, "Appears eligible for CR as a contributor to a CR eligible district through a survey evaluation."

Lastly, none of the buildings, landscape elements, or recreational facilities on campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register or California Register on their own historical or architectural merits. However, further research in the future may uncover information on significant historic events that may have taken place in specific buildings or landscape areas within the campus that may require further evaluation.

As the property is considered a historical resource pursuant to CEQA, an impacts analysis for the proposed Project was conducted pursuant to the CEQA Guidelines Title 14, Article 5, Section 15064.5. Under Section 15064.5 (b) (3), a project that follows the Secretary of the Interior's Standards for the Treatment of Historic Properties (36 CFR Part 68, 1995), shall be considered as mitigated to a level of less than significant impact on the historical resource. Therefore, the proposed Project was also reviewed for conformance with the Secretary of the Interior's Standards for the Treatment of Historic Properties, specifically, the Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings (Weeks and Grimmer, 1995) (Standards). Since the project is in the concept design stage and final design and full construction plans are not

yet available, only a general level of analysis could be performed. Our analysis of the Proposed project found that the Project would have a less than significant impact on historical resources because the majority of the potential historic district (75%) would be retained. There are 16 contributing buildings and the Project would remove four of them. Furthermore, this analysis found that the proposed Project is largely in conformance with the Standards but does not fully conform because of the Project would demolish four contributing school buildings and include tenant improvements in contributing Building U, Auditorium which are part of the potential historic district that is considered a historical resource pursuant to CEQA. In addition, a new Building L would be constructed to replace the existing original Building L. Under the proposed Project, the tenant improvements to Building U, Auditorium may affect some of its character-defining features and could cause an adverse effect to its eligibility as a contributing building in the potential district. Therefore, mitigation measures are recommended to reduce potential impacts to less than significant. It is recommended that once final design and 90-100% construction plans become available for Building U, Auditorium they would be reviewed by a qualified architectural historian for conformance with the Standards. Furthermore, it is recommended that the potential historic district be documented in a recordation report in accordance with the Historic American Building Survey (HABS) guidelines. In addition, for features that would be removed or altered in Building U, Auditorium, it is recommended that they considered for salvage, reuse and/or interpretation, and that an interpretation program such as a permanent on-campus exhibit be developed to preserve the significant history of the school for educational purposes. With these mitigation recommendations incorporated, the proposed Project would have a less than significant impact on historical resources after project completion.

Introduction

Location

Morningside HS is located just south of the community of Morningside Park, in the southeastern portion of the City of Inglewood within Los Angeles County, California. As shown in **Figure 1,** *Regional Location*, the Project Site is located approximately 0.9 mile north of Interstate (I-)105, approximately 1.8 miles east of I-405, and approximately 2.7 miles west of I-110. The entire 16.86-acre campus is considered to constitute the Project Site. The Project Site is located entirely within Assessor's Parcel Number (APN) 4030-033-901.

The Project Site is bounded to the north by West 104th Street, residential homes, and commercial uses. Yukon Avenue South and residential homes are located to the west of the Project Site, with residential homes and West 108th Street to the south. Additionally, Monroe Middle School, Woodworth Imagine Learning Magnet Elementary School, and South 10th Avenue are located to the east of the Project Site, as shown in **Figure 2,** *Project Location*.

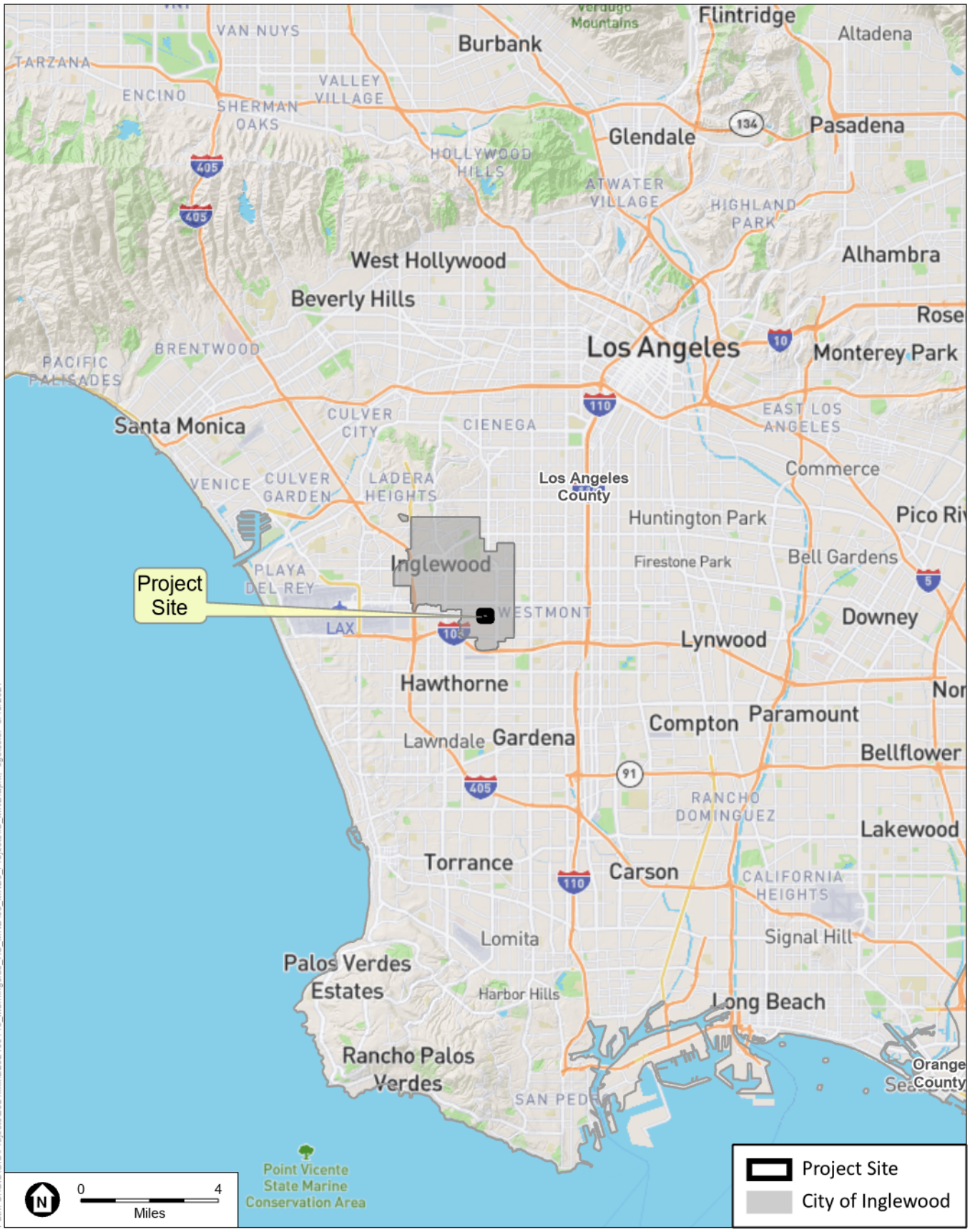
Research and Field Methodology

Professionals involved in the preparation of this report are as follows: Margarita Jerabek-Bray, Ph.D. provided senior technical and compliance oversight; and report authors were Alison Garcia Kellar, M.S., senior architectural historian, and Anokhi Varma, M.S., architectural historian. Each of these contributing authors meet the *Secretary of the Interior's Professional Qualification*

Standards in history and architectural history. Ms. Garcia Kellar authored the report under the direction of Dr. Jerabek-Bray. Professional qualifications are provided in **Appendix A**.

The following tasks were performed:

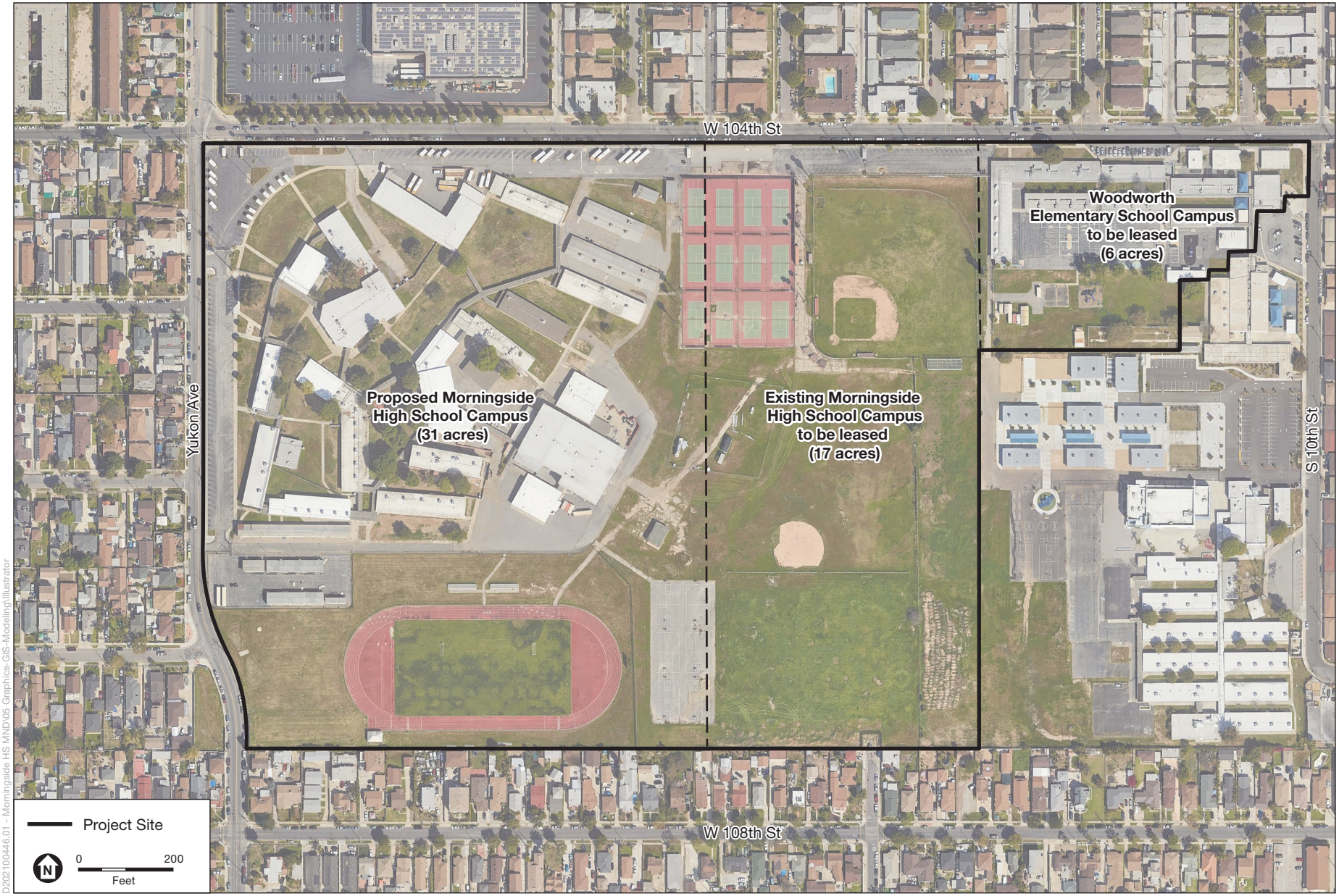
- A pedestrian survey and digital photography was undertaken on August 8, 2021, to document the existing conditions of the campus and the surrounding vicinity.
- Site-specific research on the campus was conducted utilizing building plans, *Los Angeles Times*, Newspapers.com, select Morningside HS yearbooks, the Collection of Inglewood Local History Photographs, the Los Angeles Public Library Photo Collection, and other published sources.
- Review and analysis of ordinances, statutes, regulations, bulletins, and technical materials relating to federal and state, designation assessment processes, and related programs.
- Completion of a historic resource assessment of the potential historic resource based upon criteria used by the National Register and the California Register.
- Review and analysis of the proposed project for compliance with CEQA impacts thresholds pursuant to CEQA Guidelines Title 14, Article 5, Section 15054.5.



SOURCE: ESA, 2021

Morningside High School Historic Resource Assessment

Figure 1
Regional Location



SOURCE: ESA, 2022; Google Earth, 2022

Morningside High School Historic Resource Assessment

Figure 2
Project Location

ESA

Regulatory Framework

Historical resources fall within the jurisdiction of the federal, state, and local designation programs. Federal laws provide the framework for the identification, and in certain instances, protection of historical resources. Additionally, state and local jurisdictions play active roles in the identification, documentation, and protection of such resources within their communities. The National Historic Preservation Act (NHPA) of 1966, as amended and the California Public Resources Code (PRC), Section 5024.1, are the primary federal and state laws and regulations governing the evaluation and significance of historical resources of national, state, regional, and local importance. Descriptions of these relevant laws and regulations are presented below. The City of Inglewood does not have a historic preservation ordinance and does not maintain a local designation program, and therefore the Morningside HS campus was evaluated under federal and state criterion.

Federal

National Historic Preservation Act of 1966

The principal federal law addressing historic properties is the National Historic Preservation Act (NHPA), as amended (54 USC 300101 et seq.), and its implementing regulations (36 CFR Part 800). Section 106 requires a federal agency with jurisdiction over a proposed federal action (referred to as an "undertaking" under the NHPA) to take into account the effects of the undertaking on historic properties, and to provide the Advisory Council on Historic Preservation (ACHP) an opportunity to comment on the undertaking.

The term "historic properties" refers to "any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register" (36 CFR Part 800.16[*l*][1]). The implementing regulations (36 CFR Part 800) describe the process for identifying and evaluating historic properties, assessing the potential adverse effects of federal undertakings on historic properties, and seeking to develop measures to avoid, minimize, or mitigate adverse effects. The Section 106 process does not require the preservation of historic properties; instead, it is a procedural requirement mandating that federal agencies take into account effects to historic properties from an undertaking prior to approval.

The steps of the Section 106 process are accomplished through consultation with the State Historic Preservation Officer (SHPO), federally-recognized Indian tribes, local governments, and other interested parties. The goal of consultation is to identify potentially affected historic properties, assess effects to such properties, and seek ways to avoid, minimize, or mitigate any adverse effects on such properties. The agency also must provide an opportunity for public involvement (36 CFR 800.1[a]). Consultation with Indian tribes regarding issues related to Section 106 and other authorities (such as NEPA and Executive Order No. 13007) must recognize the government-to-government relationship between the Federal government and Indian tribes, as set forth in Executive Order 13175, 65 FR 87249 (Nov. 9, 2000), and Presidential Memorandum of Nov. 5, 2009.

National Register of Historic Places

The National Register was established by the NHPA of 1966, as "an authoritative guide to be used by federal, State, and local governments, private groups and citizens to identify the Nation's historic resources and to indicate what properties should be considered for protection from destruction or impairment" (36 CFR 60.2) (U.S. Department of the Interior 2002). The National Register recognizes a broad range of cultural resources that are significant at the national, state, and local levels and can include districts, buildings, structures, objects, prehistoric archaeological sites, historic-period archaeological sites, traditional cultural properties, and cultural landscapes. As noted above, a resource that is listed in or eligible for listing in the National Register is considered "historic property" under Section 106 of the NHPA.

To be eligible for listing in the National Register, a property must be significant in American history, architecture, archaeology, engineering, or culture. Properties of potential significance must meet one or more of the following four established criteria:

A. Are associated with events that have made a significant contribution to the broad patterns of our history;

B. Are associated with the lives of persons significant in our past;

C. Embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

D. Have yielded, or may be likely to yield, information important in prehistory or history.

In addition to meeting one or more of the criteria of significance, a property must have integrity. Integrity is defined as "the ability of a property to convey its significance" (U.S. Department of the Interior, 2002). The National Register recognizes seven qualities that, in various combinations, define integrity. The seven factors that define integrity are location, design, setting, materials, workmanship, feeling, and association. To retain historic integrity a property must possess several, and usually most, of these seven aspects. Thus, the retention of the specific aspects of integrity is paramount for a property to convey its significance.

Ordinarily religious properties, moved properties, birthplaces or graves, cemeteries, reconstructed properties, commemorative properties, and properties that have achieved significance within the past 50 years are not considered eligible for the National Register unless they meet at least one of the four significance criteria listed above, one of the Criteria Considerations (A-G), in addition to meeting at least one of the and possessing integrity (U.S. Department of the Interior, 2002).

State

California Environmental Quality Act

CEQA is the principal statute governing environmental review of projects occurring in the state and is codified at Public Resources Code (PRC) Section 21000 et seq. CEQA requires lead agencies to determine if a proposed project would have a significant effect on the environment, including significant effects on historical or unique archaeological resources. Under CEQA

(Section 21084.1), a project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment.

The *CEQA Guidelines* (Title 14 California Code of Regulations [CCR] Section 15064.5) recognize that historical resources include: (1) a resource listed in, or determined to be eligible by the State Historical Resources Commission, for listing in the California Register of Historical Resources (California Register); (2) a resource included in a local register of historical resources, as defined in PRC Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1(g); and (3) any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California by the lead agency, provided the lead agency's determination is supported by substantial evidence in light of the whole record. The fact that a resource does not meet the three criteria outlined above does not preclude the lead agency from determining that the resource may be an historical resource as defined in PRC Sections 5020.1(j) or 5024.1.

If a lead agency determines that an archaeological site is a historical resource, the provisions of Section 21084.1 of CEQA and Section 15064.5 of the *CEQA Guidelines* apply. If an archaeological site does not meet the criteria for a historical resource contained in the *CEQA Guidelines*, then the site may be treated in accordance with the provisions of Section 21083, which is as a unique archaeological resource. As defined in Section 21083.2 of CEQA a "unique" archaeological resource is an archaeological artifact, object, or site, about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

- Contains information needed to answer important scientific research questions and there is a demonstrable public interest in that information;
- Has a special and particular quality such as being the oldest of its type or the best available example of its type; or,
- Is directly associated with a scientifically recognized important prehistoric or historic event or person.

If an archaeological site meets the criteria for a unique archaeological resource as defined in Section 21083.2, then the site is to be treated in accordance with the provisions of Section 21083.2, which state that if the lead agency determines that a project would have a significant effect on unique archaeological resources, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place (Section 21083.1[a]). If preservation in place is not feasible, mitigation measures shall be required. The *CEQA Guidelines* note that if an archaeological resource is neither a unique archaeological nor a historical resource, the effects of the project on those resources shall not be considered a significant effect on the environment (*CEQA Guidelines* Section 15064.5[c][4]).

A significant effect under CEQA would occur if a project results in a substantial adverse change in the significance of a historical resource as defined in *CEQA Guidelines* Section 15064.5(a).

Substantial adverse change is defined as "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired" (*CEQA Guidelines* Section 15064.5[b][1]). According to *CEQA Guidelines* Section 15064.5(b)(2), the significance of a historical resource is materially impaired when a project demolishes or materially alters in an adverse manner those physical characteristics that:

A. Convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register; or

B. Account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in a historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

C. Convey its historical significance and that justify its eligibility for inclusion in the California Register as determined by a Lead Agency for purposes of CEQA.

In general, a project that complies with the Secretary of the Interior's Standards (Weeks and Grimer, 1995) is considered to have mitigated its impacts to historical resources to a less-than-significant level (*CEQA Guidelines* Section 15064.5[b][3]).

California Register of Historical Resources

The California Register is "an authoritative listing and guide to be used by State and local agencies, private groups, and citizens in identifying the existing historical resources of the State and to indicate which resources deserve to be protected, to the extent prudent and feasible, from substantial adverse change" (PRC Section 5024.1[a]). The criteria for eligibility for the California Register are based upon National Register criteria (PRC Section 5024.1[b]). Certain resources are determined by the statute to be automatically included in the California Register, including California properties formally determined eligible for, or listed in, the National Register.

To be eligible for the California Register, a prehistoric or historic-period property must be significant at the local, state, and/or federal level under one or more of the following four criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. Is associated with the lives of persons important in our past;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
4. Has yielded, or may be likely to yield, information important in prehistory or history.

A resource eligible for the California Register must meet one of the criteria of significance described above, and retain enough of its historic character or appearance (integrity) to be recognizable as a historical resource and to convey the reason for its significance. It is possible that a historic resource may not retain sufficient integrity to meet the criteria for listing in the National Register, but it may still be eligible for listing in the California Register.

Additionally, the California Register consists of resources that are listed automatically and those that must be nominated through an application and public hearing process. The California Register automatically includes the following:

- California properties listed on the National Register and those formally determined eligible for the National Register;
- California Registered Historical Landmarks from No. 770 onward; and,
- Those California Points of Historical Interest that have been evaluated by the OHP and have been recommended to the State Historical Commission for inclusion on the California Register.

Other resources that may be nominated to the California Register include:

- Historical resources with a significance rating of Category 3 through 5 (those properties identified as eligible for listing in the National Register, the California Register, and/or a local jurisdiction register);
- Individual historical resources;
- Historical resources contributing to historic districts; and,
- Historical resources designated or listed as local landmarks, or designated under any local ordinance, such as an historic preservation overlay zone.

The City of Inglewood

The City of Inglewood does not have a preservation ordinance; however, the General Plan includes goals for the preservation and reuse of historic resources. The General Plan includes goals for the City's unique districts within the Downtown Transit Oriented District (TOD) area, each with their own unifying character or identity that should be preserved and enhanced: Historic Downtown, Civic Center, TechTown, Beach Avenue, Fairview West, Hillcrest and Queen Street. The General Plan recognizes the Fairview Heights neighborhood as historic and includes goals to preserve its historic character. The General Plan requires the preservation of buildings that have been designated as historic and encourages the reuse of other historic buildings.[1] Further, the Los Angeles Conservancy states:

"The City prepared a historic resource survey in 1998 that focused on Inglewood's downtown area. The "Main Street Inglewood Survey, 1998" surveyed a total of 112 potentially eligible properties that are located within the area bounded by La Brea Avenue to the west, Locust Street to the east, Florence Avenue to the north, and Hillcrest Boulevard to the south. While the City has not commissioned a survey update by professional preservation consultants, the Centinela Valley

[1] City of Inglewood, "Amendment: City of Inglewood Land Use Element, Inglewood General Plan, Resolution: 1761," 1980, amendment adopted 2016 20 accessed May 17, 2022, https://www.cityofinglewood.org/DocumentCenter/View/132/Land-Use-Element-1980-Amended-1986-2009-2016.

Historical Society is currently preparing a windshield survey of the northwest residential area of the city."[2]

Historic Context

This thematic historic context presents the history of the region and Morningside HS, and was developed to document and support the identification and evaluation of historic architectural resources. Research indicates Morningside HS is associated with the following historical and architectural themes: (1) History of Inglewood: Settlement, Development and Growth (1822-present), (2) Inglewood Unified School District: Early History, Establishment and Expansion (1905-prsesent), (3) Mid-Century Modernism/Regional Modernism (1945-1960): Postwar Modern Functionalist School Plants, and (4) African American Migration Patterns/Communities of South Los Angeles and Inglewood, and Integration at Morningside High School (1962-1969). The Campus buildings configuration and construction dates are shown in **Figure 3**, *Morningside High School Building Site Map.*

The History of Inglewood: Settlement, Development and Growth (1822–Present)

During the rancho period, the area that is now the City of Inglewood was part of the *Rancho Aguaje de la Centinela* and the *Rancho Sausal Redondo*. A year after Mexico gained independence from Spain and control of California in 1822, Los Angeles resident Antonio Avila received a land grant for *Rancho Sausal Redondo* and grazed cattle there as well. The rancho encompassed the areas that are now the Cities of Redondo Beach, Inglewood, Hawthorne, El Segundo, Lawndale, Manhattan Beach and Hermosa Beach. In 1834 Ygnacio Machado, one of the original leather jacket soldiers that escorted settlers to Los Angeles, built the Centinela Adobe. The Centinela Adobe was in the center of what became a 2,200-acre ranch on a portion of the *Rancho Sausal Redondo*. Machado had moved onto what he claimed was still public land, which was granted to him as the *Rancho Aguaje de la Centinela*.

Soon after, Machado traded the *Rancho Aguaje de la Centinela* for a keg of whiskey and a home in the Pueblo of Los Angeles. The property traded hands many times and was eventually acquired by a Scottish nobleman named Robert Burnett, who eventually added the much larger *Rancho Sausal Redondo* to his holdings and once again combined the ranchos. Burnette eventually returned to Scotland and leased the ranch to a Canadian immigrant who was considered by many to be the founding father of Inglewood: Daniel Freemen. In spite of drought and other hardship Freeman successfully farmed barley on the ranch, and purchased it from Burnette with gold in 1885. Freeman went on to become a major land developer in Inglewood.[3]

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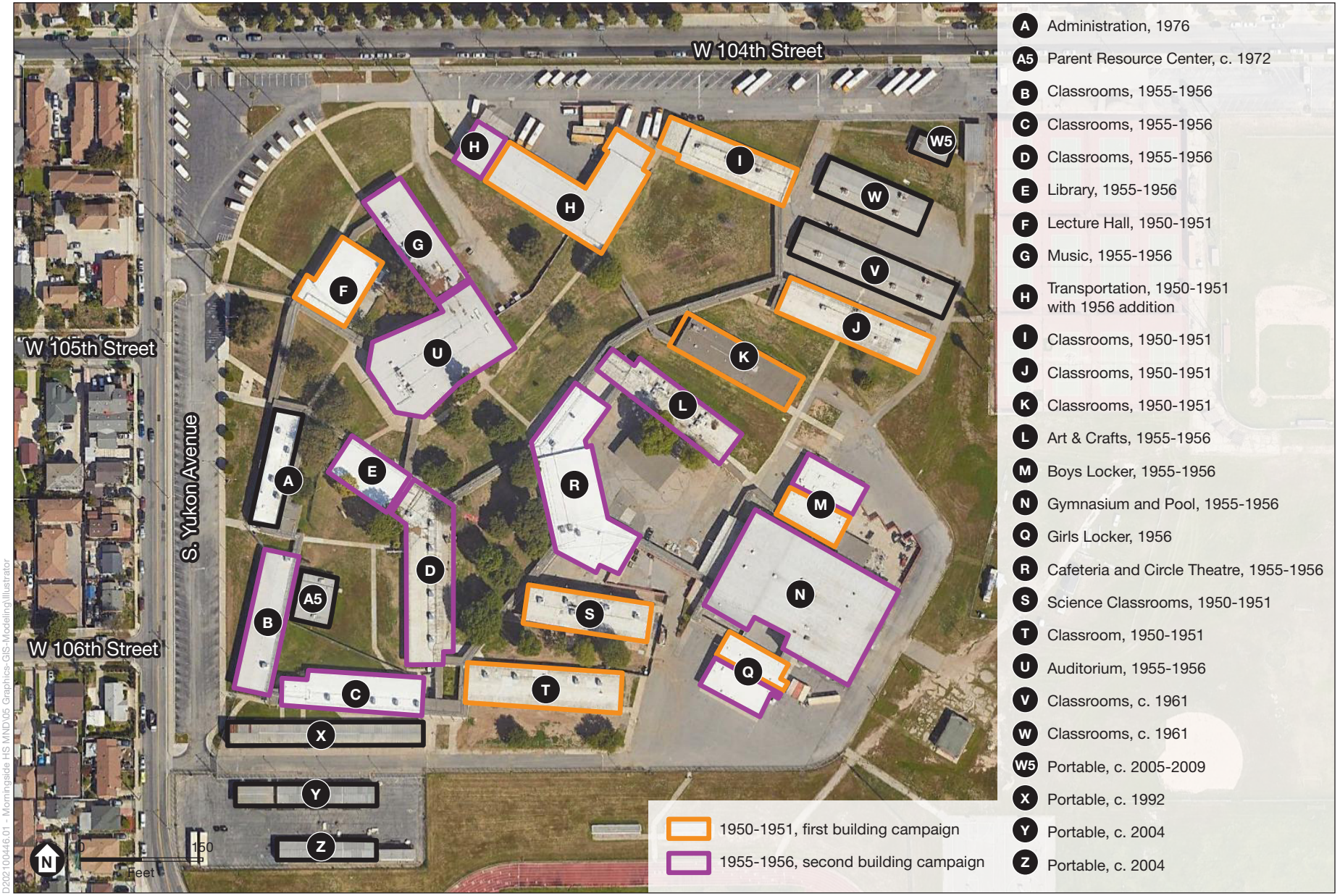
2 "Inglewood," The Los Angeles Conservancy, L. A. Conservancy website, accessed May 17, 2022, https://www.laconservancy.org/communities/inglewood#:~:text=Inglewood%20does%20not%20currently%20have,focused%20on%20Inglewood's%20downtown%20area. Further, the following two documents were reviewed for their relevance to the project site: *Main Street Inglewood Historic Resources Survey,* 2000; and *Historic Design Guidelines, Inglewood Downtown District Main Street Project Area*, 2000.

3 John Kielbasa, *Historic Adobes of Los Angeles County* (Pittsburgh: Dorrance Publishing Co., 1998).



SOURCE: Google Earth Pro, 2022; ESA, 2022

Morningside High School Site Update Project Historic Resources Assessment

Figure 3
Morningside High School Building Site Map

ESA

Centinella Springs (California Historical Landmark 363), or Aguaje de Centinela, was a valued source of spring water for the *Rancho Aguaje de la Centinela* and was described as continuously existing since the Pleistocene Era. The site is still located at the corner of Centinela Avenue and Florence Boulevard.[4]

Excursion trains from Los Angeles brought many prospective land buyers to Inglewood and it was able to grow to 300 residents by 1888. On May 21, 1888, a school opened with 33 students. Around this time, businesses, including Mrs. Belden's Boarding House, two grocery stores, a drug store, a planning mill, a wagon repair shop, a plumbing shop, a livery stable, and five real estate offices, were built on Commercial Street (now La Brea).[5] With a population of about 1,200, Inglewood was incorporated on February 10, 1908.

On the evening of June 21, 1920, a large earthquake struck Inglewood. While there was a lot of damage to buildings, there was no loss of life. The next few days saw a large number of tourists coming to Inglewood to view the damage. The climate impressed the visitors who had previously never been to Inglewood, and many settled there. The population grew to 3,286 in 1920, and in the next two years the population doubled, making Inglewood the fastest growing city in the nation at that time.[6]

The Andrew Bennett Ranch was leased by the City of Los Angeles and converted into Mines Field in 1927, the airport of Los Angeles. National Air Races were held on Mines Field in 1927, and the first passenger flight landed in 1928. In 1929, the Graf Zeppelin (a German hydrogen filed ridged airship) landed on the Mines Field.[7]

The 1932 Olympic Games were held in Los Angeles, and three Inglewood High School alumni won medals. Many buildings in Inglewood were used as training facilities, and the marathon route went through the town.[8] Until World War II, Inglewood had largely been supported by agricultural industry. The defense industries, in response to WWII, transformed Inglewood into an urban community when industrial activities brought more people to live in the city. In 1946, major airlines moved operations to the Los Angeles International Airport (LAX) airport and two new hangers needed to be constructed.[9] In 1949, the airport was designated as an intercontinental air terminal by the federal government.[10]

In 1967, The Forum was opened as the home of the Los Angeles Lakers of the National Basketball Association and the Los Angeles Kings of the National Hockey League. It also hosted a number of events such as concerts, rodeos, boxing, the circus, and ice shows.[11] The Forum underwent a rehabilitation, was listed on the National Register and the California Register, and

4 Office of Historic Preservation, "Historical Landmark: Centinela Springs," California Office of Historic Preservation, 2022. http://ohp.parks.ca.gov/ListedResources/Detail/363.

5 Gladys Waddingham, *The History of Inglewood* (Los Angeles: Historical Society of Centinela, 1994).

6 Ibid.

7 Ibid.

8 Ibid.

9 Ibid.

10 Ibid.

11 Ibid.

reopened in 2014. Additionally, at that time, The Form underwent an adaptation from an arena primarily designed for sporting events to an arena primarily used for music and entertainment events.

In the 1970s, a new health center was built on Manchester, and high-rise office buildings were constructed on La Brea. A new civic center was dedicated in 1973. Airport Park View Motel opened between Hollywood Park Race Track and The Forum.[12] Many senior housing developments were also built in Inglewood during the 1970s.

More recent developments include the closure of the Hollywood Park Race Track, in 2013, and demolition of the track in 2016. A new NFL stadium, the SoFi Stadium, is part of a new 298-mixed-use development in Inglewood that includes commercial office space, retail, a hotel, residential units and outdoor parks was recently constructed and is now in operation.[13] The stadium is home to the Los Angeles Chargers and the Los Angeles Rams, and recently hosted Super Bowl LVI and will host the Opening and Closing Ceremonies of the Olympic Games in 2028.

Inglewood Unified School District: Early History, Establishment and Expansion (1905–Present)

Originally, the Inglewood Union High School District was separate from the Inglewood School District.[14] The Inglewood Union High School District began in 1905 and its territory included all of Inglewood, Jefferson (later Lennox), Hawthorne, Lawndale, Hyde Park, El Segundo, and the Wiseburn School District.[15] El Segundo withdrew from the Inglewood Union High School District on November 22, 1925, and formed the El Segundo High School District.

The Inglewood Union High School District's name was changed to the Centinela Valley Union High School District in November of 1944. Roughly ten years later, in July of 1954, Inglewood's two high schools - Inglewood High School and Morningside High School - withdrew from the Centinela Valley Union High School District and formed the Inglewood Unified School District.[16] This establishment may have been the result of the post-World War II population boom, as a similar pattern of expansion was evident within the Los Angeles City school districts with the formation of the nearby Los Angeles Unified School District by 1960, during the same period.[17]

The Centinela Valley Union High School District still exists today, and is presently a component of the El Camino Community College District.[18] Today, the Inglewood Unified School District is

12 Ibid.

13 "About SoFi Stadium," SoFi Stadium website, accessed May 19, 2022, https://www.sofistadium.com/.

14 Morningside High School, Sceptre Yearbook (Inglewood, California:1988), 9.

15 Ibid.

16 Ibid.

17 Sapphos Environmental, Inc. "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," Prepared for the Los Angeles Unified School District Office of Environmental Health and Safety, 2014, 105.

18 Centinela Valley Union High School District, "History: Centinela Valley Union High School District," Centinela Valley Union High School District website, https://www.centinela.k12.ca.us/about/history.jsp, accessed October 10, 2021.

comprised of five elementary schools, seven transitional kindergarten to 8th grade schools (TK-8), one middle school, four high schools, and an adult school.[19]

Mid-Century Modernism/Regional Modernism (1945–1960): Postwar Modern Functionalist Schools

The Morningside HS campus was designed and constructed in two building campaigns, the first designed by Ralph C. Flewelling and Walter L. Moody Architects between 1950 and 1951; and the second designed by Balch, Bryan, Perkins and Hutchason, Architects between 1955 and 1956. As identified in the Los Angeles Unified School District context, the Mid-Century Modernism, or Regional Modernism style was discussed as follows:

> Mid-Century Modernism, or Regional Modernism, represents a middle ground between the formal, machine-age aesthetic of the International Style and a regional idiom reflecting local precedent and identity. In the postwar period through the 1960s, as practiced in Southern California, Mid-Century Modernism took its cues from the region's first-generation modernist architects such as Richard Neutra, Rudolph Schindler, Gregory Ain, Frank Lloyd Wright, and Harwell Hamilton Harris. In the postwar period, second-generation practitioners such as Raphael Soriano, Whitney Smith, and A. Quincy Jones, among many others, established Los Angeles as a center for innovative architectural design and culture.
>
> Mid-Century Modernism is characterized by an honest expression of structure and function, with little applied ornament. Aesthetic effect is achieved through an asymmetrical but balanced, rhythmic design composition, often expressed in modular post-and-beam construction. Whether wood or steel, post-and-beam construction allowed for open floor plans, ease of expansion, and generous expanses of glazing to heighten indoor-outdoor integration. Infill panels of wood or glass are common, with glazing often extending to the gable. Buildings are generally one to two-stories, with an emphasis on simple, geometric forms. Capped with low-pitched gabled or flat roofs, a Mid-Century Modern building often displays wide eaves and cantilevered canopies, supported on spider-leg or post supports. Sheathing materials vary, with wood, stucco, brick and stone, or steel-framing and glass. Windows are generally flush-mounted, with metal frames.
>
> This style was seen in postwar institutional and commercial buildings, as well as residences, from 1945 until circa 1975, when Title 24 restrictions on the use of glass curtailed the expansive glazing that characterizes the style. Typical Character-Defining Features:
>
> - Horizontal design composition and massing; generally one to two stories
> - Simple, geometric volumes
> - Flat or shed roof, often with wide, cantilevered overhangs
> - Exterior materials include stucco, brick, or concrete

[19] Inglewood Unified School District, "About Us: Our Schools," Inglewood Unified School District website, inglewoodusd.com/apps/pages/index, accessed April 4, 2022.

- Modular design and planning
- Aesthetic qualities derive from use of simply treated materials and excellent craftsmanship
- Direct expression of structural systems, often in wood or steel post-and-beam
- Lack of historicizing ornament
- Generous expanses of fenestration, including bands of grouped multi-light windows
- Extensive use of sheltered exterior corridors, with flat or slightly sloped roofs supported by posts, piers, or pipe columns[20]

The Postwar Modern Functionalist School Plant, 1945–1969

With the construction of the second building campaign (1955-1956) designed by Balch Bryan Perkins and Hutchason, Architects the campus was considered to be a "complete school plant" with the addition of several classrooms in addition to key buildings, such as Building E, Library; Building N, Gymnasium and Pool; Building R, Cafeteria and Circle Theatre; and Building U, Auditorium.[21] As identified in the Los Angeles Unified School District context, Postwar Modern Functionalist School Plant, 1945–1969 theme was discussed as follows:

> By the 1950s, many of the design ideas considered experimental in the 1930s had matured and become the national standard for schools. Stylistically, schools might include some historicist detailing reflecting popular styles (such as Colonial Revival). But, overall, a unified campus design, building types and plans that accommodated a high degree of indoor-outdoor integration, ample outdoor spaces, and sheltered corridors marked the typology as the mature version of the functionalist school plant. The priority remained the creation of a domestic scale for schools. Campuses displayed a one-story massing for elementary schools, and up to two stories for middle and high schools. Site plans, which often featured a decentralized, pavilion-like layout, lacked the formality and monumentality that characterized earlier eras of school design.
>
> School types expressive of these ideals include the finger-plan (1940s–1950s) and clusterplan (1950s), and variations on their basic themes. Combinations of these basic forms, which flexed according to available lot size and school enrollment, are also evident.
>
> For LAUSD, the postwar years brought another round of reform as well as unprecedented expansion. Given the postwar classroom shortage, many campuses were constructed quickly, from standardized plans used districtwide, in designs that convey some of these ideas. The most intact and well-designed campuses among these, though, uniquely represent this era of reform and the midcentury modern school.[22]

20 "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 126–127.

21 "Contract Awarded for High School," 1950.

22 "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 13.

African American Migration Patterns/Communities of South Los Angeles and Inglewood, and Integration at Morningside High School (1962–1969)

Noting the change in racial demographics at Morningside HS is an important part of the school's history. The African American migration patterns in Los Angeles and moreover Inglewood, coupled with District-wide efforts to desegregate the City's schools transformed the high school's student body within a period of about 10 years.

Discriminatory housing covenants, which are contractual agreements that prohibit the lease, purchase, or occupation of a piece of property based on race, prevented Black residents from inhabiting many Los Angeles neighborhoods as early as 1902. An 1892 California Supreme Court case ruled that although state and municipal governments could not prohibit someone from buying property based on their race, individual property owners were free to racially discriminate when entering into residential contracts with a potential buyer. This court decision provided the foundation for the first racially motivated covenant filed in Los Angeles in 1902. Concurrently, the Los Angeles Realty Board campaigned to include racially restrictive land covenants on as many new developments in the city as possible. These covenants could be so severe that the deed title could revert to the original owner if the covenant was broken even if the property had already been sold multiple times.[23]

Where Black Angelenos settled was also influenced by federal policy. In 1934, the National Housing Act was passed, which allowed the Federal Housing Authority (FHA) to commission the Home Owners Loan Corporation to survey neighborhoods across America and rank them from "A" to "D" on a scale of "desirable" to "least desirable." Those neighborhoods that were given a rating of "A" were colored green while those given a ranking of "D" were colored red, indicating that those neighborhoods were considered a higher loan risk. The "D" rated neighborhoods were overwhelmingly those whose residents were predominately non-white. This practice was called redlining and it made it impossible for a person of color to live in a green zone or get an FHA backed loan in a red area, enshrining housing inequality into federal and economic policy.[24] As a result of redlining, those contractors who wanted to build new homes in redlined neighborhoods could not get FHA insured loans, which only funded new construction. The result of this policy was to "doom urban neighborhoods with escalating African American populations to decline in promoting all-white suburban neighborhoods."[25]

During the 1930s period, the population of Los Angeles, especially the number of Black residents in the city, boomed. African Americans were able to settle in Jefferson Park and West Adams, and even further west to the Crenshaw, Leimert Park, and Baldwin Hills neighborhoods.[26] In the 1930s, the Black population of the Central Avenue corridor grew 39.2%, due in part to the

23 Steven Kilgore, "Los Angeles Land Covenants, Redlining; Creation and Effects," Los Angeles Public Library website, https://lapl.org/collections-resources/blogs/lapl/los-angeles-land-covenants-redlining-creation-and-effects, accessed June 22nd, 2020.

24 Kilgore, "Los Angeles Land Covenants."

25 GPA Consulting and Alison Rose Jefferson, "SurveyLA Citywide Historic Context Statement: African American History of Los Angeles," prepared for the City of Los Angeles Department of City Planning, February 2018, 31.

26 Ibid., 32.

expansive nature of discriminatory housing covenants.[27] Despite overt threats of violence and systemic discrimination, Black Angelenos still led the nation in initiating lawsuits to eliminate racially restrictive covenants into the 1930s.[28]

The post-World War II period saw another substantial increase in Los Angeles' Black population due to an increased demand for labor in the war industry. At this time, Black Angelenos were largely moving into neighborhoods adjoining the Central Avenue corridor, yet due to limitations on where they could reside, conditions of the corridor deteriorated rapidly due to overcrowding and disinvestment.[29] Simultaneously, the influx of new Black migrants moving to Los Angeles settled in the same area which was already "overcrowded… [and] poorly serviced by the City."[30]

This period also saw substantial legal victories for Black Angelenos that began to pave the way for more equitable residential settlement. While the effects of redlining and racial covenants continue to impact urban development to this day, the Supreme Court declared housing covenants unconstitutional through two court cases in 1948 and in 1953, finally allowing for more fluid residential mobility for African Americans in Los Angeles.[31] As a result, gradually through the 1950s, the southern portion of Los Angeles, from Watts and westward to Inglewood and the Crenshaw District, became increasingly African American.[32] The school's racial demographics also changed quickly in the subsequent years, as White neighbors in Morningside Park Neighborhood began to leave in large numbers while the Watts riots of 1965 motivated middle-class Blacks to move further west. Professor Josh Sides wrote that "As the 1950s gave way to the early 1960s, neighborhoods were desegregated, and several of the leading Black churches were beginning to wield political influence in civic affairs." Notably, African Americans had transformed their status in Los Angeles by the early 1960s, as "Their protests were widespread, their demands were well known, and their political influence — if still uneven — was undeniable. Most important, African Americans participated in daily urban life in ways that would have been impossible two decades earlier."[33]

In the fifty years that followed the lifting of housing restrictions, middle-class African Americans continued to move out of previously inhabited neighborhoods and into other areas, including Compton. More affluent Black residents, now unrestricted by covenants, left the Central Avenue corridor and South Central Los Angeles. Neighborhood demographic information indicates that the Corridor remained home to residents with less economic security and more barriers to higher education than those who left.[34] It is during the 1960s that the last large exodus of African Americans from the American South was occurring, which was part of a nation-wide

27 Ibid., 25 and 29.

28 Ibid., 29.

29 Other & Belonging Institute, "City Snapshot: Inglewood," Other & Belonging Institute, University of California, Berkeley website, https://belonging.berkeley.edu/city-snapshot-inglewood.

30 "SurveyLA Citywide Historic Context Statement: African American History of Los Angeles," 33.

31 *Shelley v. Kraemer*, 334 U.S. 1 (1948); *Barrows v. Jackson*, 346 U.S. 249 (1953).

32 Mike Sonsken, "The History of South Central Los Angeles and Its Struggle with Gentrification, KCET, September 13, 2017, accessed April 7, 2022, https://www.kcet.org/shows/city-rising/the-history-of-south-central-los-angeles-and-its-struggle-with-gentrification.

33 Ibid.

34 "SurveyLA Citywide Historic Context Statement: African American History of Los Angeles," 33.

phenomenon called the "Great Migration" (1910-1970) during which Black Americans moved from southern states to the north, Midwest, and west in great numbers to escape Jim Crow and find economic opportunities. The African American migrant population in Los Angeles grew by more than 50% during the 1960s, which occurred while there was increasing competition for remaining manufacturing work by new immigrants from Latin America and Asia.[35] Civil unrest in 1965 due to economic structural changes to the community encouraged remaining white families, and Black residents who could afford it, to move out of the older South Los Angeles neighborhoods.[36] Inglewood's reputation as a primarily African American community occurred after the Watts Riots in 1965, at a time when Black residents from south Los Angeles sought new beginnings in what had been a predominantly white suburb which sat just outside the formerly middle class beach communities along the Santa Monica Bay.[37]

In the 1960s and 70s, cities like Inglewood, Carson, and Gardena, and in the San Fernando Valley, and even more distant areas and counties became destinations where middle class Black residents could gain further occupational opportunities and income.[38] Inglewood experienced a period of growth during this period, and took on a more metropolitan look, with new commercial high-rise buildings and a modern civic center.[39] By the 1990s the hindrances to pursue the California Dream of suburban residency and employment for African Americans had substantially dissipated due to the successions of events from the 1940s to 1960s - beginning with legal victories related to housing covenants and employment discrimination coupled with the growth of fair housing organizations across the country.[40] While the 1960 census recorded only 29 Black residents among Inglewood's 63,390 total residents, the Black population climbed to 11.2% by 1970 and then skyrocketed to 56% by 1980 before it fell back to about 51.8% in 1990.[41] By the 2010 census, Inglewood was and remains around 50.6% Latino, while the Black population shrank to 46%, and further to under 41% by 2021.[42]

Integration at Morningside High School, 1962–1969

Racial discrimination and segregation in housing were reflected in the demographics of schools in southern California throughout the early 20th century.[43]As the City of Inglewood and the Inglewood Unified School District do not have developed historic context statements, the following information regarding the Civil Rights Movement and how it affected the Los Angeles Unified School District (LAUSD) is included for its relevance due to the LAUSD's physical proximity to the Inglewood Unified School District and are therefore parallel movements. Further, the two districts experienced the challenges of integration at the same time, as

35 Ibid., 37.

36 Ibid.

37 Alicia Victoria Lozano and David K. Li, "Superbowl host Inglewood, California, is transforming on multiple fronts," NBC News website, February 13, 2002, https://www.nbcnews.com/business/inglewood-demographic-changes-facts-diversity-rcna8227, accessed March 3, 2022.

38 "SurveyLA Citywide Historic Context Statement: African American History of Los Angeles," 37.

39 Lozano and Li.

40 "SurveyLA Citywide Historic Context Statement: African American History of Los Angeles," 37.

41 Lozano and Li.

42 Ibid.

43 "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 108.

restrictions regarding discriminatory housing policies were deemed illegal nationally in the 1960s. Regarding the LAUSD and the Civil Rights Movement theme as discussed in the LAUSD's historic context statement:

> This theme of significance begins with the filing of the landmark U.S. Supreme Court case Brown v. The Board of Education, Topeka, Kansas. Although Brown v. Board of Education addressed state laws that did not exist in California—namely, laws allowing for racially segregated public schools—this case and the Civil Rights Movement helped generate and focus attention on related issues in Los Angeles. Issues touched on racial division and cultural identity, equal access, and how to create more balance and diversity in public schools. Signaling the end of this period of significance is the U.S. Supreme Court decision effectively ending mandatory school busing as a solution to racial imbalance in California's public schools. Although this issue continued to form part of the social context for LAUSD, this period captures an era of intense debate and activism on the part of community members, parents, politicians and jurists, as well as teachers and administrators.[44]

By the 1960 U.S. Federal Census, Inglewood did not have any Black residents.[45] Inglewood was then still largely divided along racial lines along Prairie Avenue.[46] While a series of state and federal laws made housing discrimination illegal, the City of Inglewood became truly integrated after the 1965 Watts riots after which middle-class Blacks moved farther west in search of a place to collectively lay down community roots.[47] By 1967, Black Inglewood residents were primarily living in the Morningside Park neighborhood, adjacent to campus, and almost all Blacks in the City were living east of Prairie Avenue. [48]

In 1962, the first three Black students enrolled at Morningside HS, which had been previously all white.[49] Integration at Morningside HS proved to be exceptionally challenging for students, teachers, and the District - and each of these groups were involved in dedicated attempts to ease racial tensions during this difficult transitional period. By 1966, a summary of a recent parent teachers association meeting was published in a local newspaper - in which Inglewood Unified School District teachers attended in order to discuss human relation and ethnic assimilation at the local schools.[50] Later that year, a panel was held at Morningside HS where between 200 and 250 Black students and an undisclosed number of white students were in attendance to discuss challenges with integration. According to all of the panelists, "The main problem…is a lack of communication between student leaders and troublemakers." [51] By 1967, Morningside HS had a 17% Black student population, and an overall 25.9% combined minority student population.[52] In 1968, an advisory report was created for the Inglewood Unified School District's Board of

44 Ibid., 14.

45 California Bureau of Intergroup Relations, "Improving Racial Balance and Intergroup Relations," Prepared for the Board of Education, Inglewood Unified School District, 1968, 4.

46 Ibid., 8

47 Angel Jennings, "Must Reads: One of California's last black enclaves threatened by Inglewood's stadium deal," *The Los Angeles Times,* April 10, 2019.

48 "Improving Racial Balance and Intergroup Relations," 4–5.

49 "Forum: Integration problem prevails," *The Redondo Reflex*, May 13, 1966.

50 "Morningside P-TA will sponsor panel discussion," *Southwest Topics-Wave*, November 3, 1966.

51 Chuck Cole, "Forum: Integration problem prevails," The Redondo Reflex, May 13, 1966.

52 "Improving Racial Balance and Intergroup Relations," 7.

Education, in order to discuss "pupil distribution,…educational opportunity and intergroup relations as indicators of inequality, the 'color blind' vs 'color conscious' issue, a survey of staff attitudes and staff training and sensitivity."[53] Other sections were devoted to community relations and way of improving racial balance, with recommendations were included. After several months of debate, in 1969, a Black Student Union had been formed at the school, where all students were given a forum to discuss racial tensions and mediation. Students had a platform to discuss racial issues and concerns among themselves, by getting to know one another.[54]

Beginning in 1970, students were bused within the Inglewood Unified School District in order to achieve racial balance in the schools.[55] Director of urban affairs for the District, Deweylene Fields, was responsible for developing programs that would promote District integration, which she defined "as bringing children together and easing racial tension."[56] Fields noted that "Our job is to provide programs that enhance busing by working more with kids and not being concerned with the views of the citizens," with the goal of bringing about integration, rather than desegregation which mandated that children of differing races should attend school together.[57] Morningside HS was mostly Black by this time, and by the end of the 1973 school year, several student-led organizations, including pep squads, the student council and cheerleading squads, had become integrated with Fields noting, "the kids worked it out."[58] Bussing ended in the District in 1977.[59]

There were many court cases in the 1960s and 1980s period related to integration plans and mandatory bussing, among other topics related school desegregation across the country, and throughout southern California. According to the LAUSD historic context statement, the issues of "racial imbalance, cultural sensitivity in hiring practices and curricula, and encouraging diversity continued to shape the local - and state- level conversations about public schools through the 1960s, into the 1980s, and beyond…In this way, civil rights, ethnic identity, culture, and equal access shaped the sociopolitical context for school districts such as LAUSD in this period."[60]

Student ethnic demographics slowly started to shift and by 1991, Morningside HS was about half African American and half Latino. This transition in racial demographics prompted new concerns and discussions at the school and throughout the District, as student stereotypes and cultural norms between among differing ethnic groups were at times at odds both at school and within the larger Los Angeles County community. In 1993, student-led discussions were promoted by the County Department of Mental Health's $8.3 million efforts to help students process what happened after the 1992 Los Angeles riots, where large-scale burning and looting occurred in

53 Ibid., 1.

54 William J. McCance, "Student 'Rap Sessions' Considered at School," *The Los Angeles Times*, July 6, 1969.

55 "School Aide Attends Opportunity Session," *The Los Angeles Times*, August 12, 1973; and Sam Greene, "Inglewood High School has had a long and sometimes turbulent history," *Daily Breeze*, September 24, 2016, accessed May 17, 2022, http://blogs.dailybreeze.com/history/2016/09/24/inglewood-high-school-has-had-a-long-and-sometimes-turbulent-history//

56 "School Aide Attends Opportunity Session," 1973.

57 Ibid.

58 Ibid.

59 Greene, 2016.

60 "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 113.

response to the racially motivated profiling and beating of a young black man, Rodney King, by Los Angeles police.[61] In an effort to prevent something similar from happening again, the County sent counselors to local schools, including Morningside HS, to "coax discussions about racism's subtle effects and resentments simmering."[62] A "student forum" was held where Morningside HS administrators encouraged teacher and students to come up with their own solutions. During this period, roughly 60 students met regularly to discuss racial relations openly; while Morningside HS teachers met to discuss organizing events to familiarize students with traditions from a variety of cultures that might otherwise be ignored, in an effort to garner mutual understanding and compassion.[63]

Archival Research

South Central Coastal Information Center Records Search

A cultural resources records search was conducted at the South Central Coastal Information Center (SCCIC) at California State University, Fullerton on August 13, 2021. The records search included the Morningside HS campus and a 0.5-mile radius. The SCCIC houses the pertinent archaeological and historic site and survey information necessary to determine whether cultural resources are known to exist within the project area. The records search included a review of all recorded historic built environment sites and the California Historical Resources Information System (CHRIS), which includes the National Register, the California Register, California Historical Landmarks and California Points of Historical Interest. The City of Inglewood does not have a historic preservation ordinance and does not maintain a local designation program.

The results of the records search indicate one (1) structure appears to be within a half-mile radius of Morningside HS, which are presented in **Table 1**. Due to the sensitive nature of archaeological resources, locational information is not disclosed within the body of this document. The records search results information is included in **Confidential Appendix C.**

TABLE 1
HISTORICAL RESOURCES LOCATED WITHIN A QUARTER-MILE RADIUS OF MORNINGSIDE HS

Name	Address	Description	CHR Status Code	Date	Distance from Project Site	View of Project Site
T-Mobile West LLC LA 13097C/ Crenshaw Blvd JPA ROW (P-19-190076)	9817 Crenshaw Boulevard, Inglewood	Class 5 Douglas Fir wood utility pole, 30' in height, located in a residential neighborhood in the community of Inglewood	Ineligible	10/2012	0.09 miles	No View

61 Jane Rosenberg, "Talking Tension: Morningside High speaks out on hostilities," *Daily Breeze*, March 7, 1993.
62 Ibid.
63 Ibid.

Previous Evaluations of Morningside High School

Morningside HS has not been previously evaluated for historical significance. The property it is not listed in the State of California Built Environment Resource Directory (BERD) for the County of Los Angeles. Morningside HS is not listed in the National or California Registers, or locally designated as a County of Los Angeles Historical Landmark. The campus does not appear to be situated in a designated historic district.

Previously Recorded Cultural Resources

A records search for the proposed project was conducted by ESA staff on December 14, 2022, through the California Built Environment Resources Database (BERD). The BERD replaces the former Historic Properties Directory (HPD) that previously provided evaluation status information for resources processed through the OHP. The records search included a review of all previously documented historic architectural resources and studies within a 0.5-mile radius of the Project.

The BERD record search showed eleven historical architectural resources that have been previously recorded within a 0.5-mile radius of the Project Site (**Table 2**). However, nine of the properties identified in the BERD have an assigned California Historical Resource Status Code of 6Y, which indicates that the properties were "Determined ineligible for NR by consensus through Section 106 process – Not evaluated for CR or local listing," while two properties has a status code of 7R indicating that it was "Identified in Reconnaissance Level Survey or in an Area of Potential Effect (APE): Not evaluated" (Resource Status Code). None of these properties have not been formally evaluated for the California Register. The Proposed Project would not be visible from the eleven historical architectural resources because of intervening development and would not cause any physical visual impacts to them.

TABLE 2
BERD PREVIOUSLY RECORDED HISTORICAL RESOURCES
RECORDED WITHIN 0.5 MILE OF THE PROJECT SITE

Primary Number	OTIS ID	Property Number	Address	Evaluation Information	Construction Year(s)	Distance From Subject Property / View
19-177676	430913	28354	3653 W 107th St	7R, 0301-0002-0000	1923	0.11-miles SW No view
	469435	67306	3552 W. 108th Street	6Y, 04/23/1990, HUD900406A	1923	0.12-miles S No view
	689115		3704 W 107th St	6Y, 11/25/2019, HUD_2019_1125_005	1922	0.15-mies SW No view
19-177677	430914	28355	3215 W. 108th Street	7R, 0301-0003-0000	1909	0.37-miles SE No view
	664580		3141 W. Century Boulevard	6Y, 01/22/2016, FCC_2015_1221_002	1927-1953	0.4-miles NE No view
	481741	83336	3405 W 111th Place	6Y, 08/04/1993, HUD930701V	1926	0.41-miles SE No view

Primary Number	OTIS ID	Property Number	Address	Evaluation Information	Construction Year(s)	Distance From Subject Property / View
	470267	68164	3857 W 110th Street	6Y, 08/20/1990, HUD900720C	1924	0.43-miles SW No view
	473677	72776	3923 W 105th St	6Y, 08/01/1991, HUD910708D	1940	0.44-miles W No view
	468784	66646	3550 W. 112th Street	6Y, 05/26/1988, HUD880425E	1922	0.45-miles S No view
	470617	68528	3941 W 109th St	6Y, 09/25/1990, HUD900820E	1932	0.5-mies SW No view

Potentially Eligible Historic Resources

The following three potentially eligible properties were identified in ESA's windshield survey of the surrounding area, and are located within 0.5 miles of the Project Site. They have not been previously identified in a historic survey and are not included in the BERD.

10701 S. 10th Avenue, Los Angeles County Fire Department City of Inglewood Fire Station 170

The Los Angeles County Fire Department City of Inglewood Fire Station #170, located at 10701 S. 10th Avenue, is a one-story fire station constructed in 1956.[64] Located approximately 0.43 miles southeast of the Project Site, the property has not been identified in a previous survey and is not included in the BERD. Designed by Pasadena architect Marion J. Varner, the new 4,000 square-foot fire station was constructed "because of expanded residential, business and industrial construction in the city."[65] Mid-Century Modern in style, the precast concrete paneled structure included electric aluminum doors, an equipment room, dormitory, shop, office, lobby, chief's room, locker and shower rooms, kitchen combination dining-recreation-classroom and a hose-drying tower.[66] The building may be potentially significant as a civic structure that contributes to the City of Inglewood's rapid growth in the post-World War II era, and for its Mid-Century Modern architectural style. The fire station building at 10701 S. 10th Avenue would have no view of the Project Site to the northwest.

3620 W. 102nd Street, Aku Aku Polynesian

According to the Los Angeles County Assessor's Office website, the Hollywood Point Apartment building, located at 3620 W. 102nd Street, is a two-story multi-family apartment building constructed in 1965. Located approximately 0.14 miles northwest of the project site, the property has not been identified in a previous survey and is not included in the BERD. Originally known as the Aku Aku Polynesian, the themed apartment building was marketed in *The Los Angeles Times* as "A Polynesian Paradise," and was touted for having a tropical garden with a Tiki rope bridge, and as "one of the most exciting innovations of plush living ever designed."[67] The

64 "Start of New Fire Station in Inglewood Set," *The Los Angeles Times*, May 6, 1956.

65 Ibid.

66 Ibid.

67 "Advertisement: Inglewood, A Polynesian Paradise Aku Aku," *The Los Angeles Times*, October 23, 1965.

building was soundproofed and completely furnished with built-ins and drapes.[68] Residential amenities included a large pool, men's and women's sauna and bath, an underground recreation room and a pool table. The building may be potentially significant as an example of mid-century themed roadside architecture as applied to a multi-family apartment building in the City of Inglewood. The apartment building at 3620 W. 102nd Street would have no view of the Project Site to the southeast.

3921 and 3947 W. 104th Street, Lockhaven Christian School

The Inglewood Southside Christian Church complex, located at 3921 and 3947 W. 10th Street, is a multi-building property including a church, community center building and a parking lot with landscaped areas. According to the Los Angeles County Assessor's Office website, the complex was originally constructed in 1951 with additions constructed in 1956 and 1966. Located approximately 0.48 miles west of the project site, the property has not been identified in a previous survey and is not included in the BERD. Originally known as the Lockhaven Christian School, the school was founded in 1949 and was one of the first full-time schools of the Christian Church in California.[69] Today, the complex is operated by the Inglewood Southside Christian Church. The complex may be potentially significant for its association with mid-century patterns of development and as a community center in the City of Inglewood. The Inglewood Southside Christian Church complex would have no view of the Project Site to the southeast.

Woodworth Elementary School

ESA documented and evaluated the Woodworth Elementary School campus for historic significance and determined that the property does not appear eligible as a historic resource pursuant to CEQA (**Appendix G**).

Additional Research

Additional site-specific research was conducted on Morningside HS utilizing the following sources: City directories, plans and aerial photographs, historical photographs and articles from historical *The Los Angeles Times, Star Tribune, Evening Vanguard* newspapers, the Los Angeles County Assessor website, and other published sources. Research was conducted at the Morningside HS campus library, inside Building E, Library and with the Inglewood Public Library.

Historic maps and aerial photographs were examined to provide historical information about Morningside HS and the land uses surrounding the campus. Historic aerial photographs taken in 1928, 1934, 1941, 1956, and 1971 were examined. There are no Sanborn Maps that cover this portion of Inglewood.

Original architectural drawings obtained from the District provide a construction history of Morningside HS from 1950 to 2020 and were essential in preparing the construction history context for Morningside HS. A summary of the early architectural drawings on file at the District

68 "Advertisement: Just Completed- Award Winning Polynesian Paradise Aku Aku," *The Los Angeles Times*, December 11, 1965.

69 "Lockhaven Christian School Founder Dies in Oklahoma," *The Los Angeles Times*, February 28, 1982.

are compiled in **Table 3**. There were no building permits available for the campus; however, all pertinent historic building plans available for the campus are included as **Appendix D**. The earliest plan on file dated to 1950, was for a single Building H, which was part of the campus' first building campaign, which was constructed between 1950 and 1951.

TABLE 3
EARLY MORNINGSIDE HS ARCHITECTURAL DRAWINGS

Date	Project/Application #	Architect/Engineer	Description
6/7/1950	Job file no. 253	Ralph C. Flewelling and Walter L. Moody Architects	The single sheet depicts Building H, Transportation and includes floor plans and elevations. Other original plans not located.
3/9/1955	Job no. 547/ Application no. 12535	Balch Bryan Perkins Hutchason, Architects	"Additions to Morningside High School" set of plans and elevations depicts all buildings constructed as part of the second building campaign
3/7/1961	Job no. 686-2	H. L. Gogerty	"Portable Classroom Units" plans and sections for Building W, constructed as a portable
10/31/1975	Job no. 7506	Willis K. Hutchason	New Building A, Administration, constructed to replace building in same footprint that burned

Morningside High School Establishment and Construction History

Prior to the original construction of the Morningside HS, the land was largely undeveloped with farmed fields encompassing the majority of the future campus parcel, with modest homesteads lining present-day West 104th Street by 1941 (**Figure 3**). The population boom that the Inglewood area experienced following the end of World War II paralleled similar patterns of growth around the nation and in neighboring Los Angeles, which have been well documented.[70] In 1955, editors at the *Architectural Forum* magazine noted that the rapidly increasing population of school-aged children had made school construction, along with housing, the most widely discussed architectural challenge following the war. The City of Inglewood was no exception to this pattern of growth.

Originally part of the Centinela Valley High School District, planning for Morningside HS in began in 1949, with construction commencing the following year. The construction contract was awarded to the Crown Construction Company. Prior to construction of the Morningside HS campus, which was then referred to as a "complete school plant," costs were estimated to be $3,000,000.[71] As initially intended, Morningside HS was to consist of "two units on one campus to split a large student body into separate, self-sustaining units." [72] According to superintendent H. Fred Heisner, "the ideal high school contains 1,000 students, but conditions require these schools to have as many as 2,5000 [students]," which indicates that Morningside HS was initially

70 "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 71.

71 "Contract Awarded for High School," *The Los Angeles Times*, September 29, 1950; and "Centinela Plans to Split High School Campus," *The Los Angeles Times*, November 21, 1949.

72 "Centinela Plans to Split High School Campus," 1949.

planned to accommodate a much larger capacity.[73] However, Morningside HS was principally constructed in two building campaigns, roughly 5 years apart which each included 10 buildings.

The first building campaign, which spanned from 1950 to 1951, included present-day Buildings F, H, I, J, K, S, T, and portions of Buildings M and Q (**Figure 4**).[74] See **Table 4** with the Morningside HS campus original building names, architects, and construction dates. This initial portion of the Morningside HS campus was designed by the Pasadena and Lancaster-based firm of C. Flewelling and Walter L. Moody Architects. According to a newspaper article, the campus was to include an auditorium, shops, a library, an administration building, a gymnasiums, and science buildings to be constructed centrally, with classroom buildings on either side, accompanied by outdoor covered walkways, open-air lockers, and was to include "other advanced ideas in planning," yet not all of these structures were built initially.[75]

TABLE 4
ORIGINAL MORNINGSIDE HS BUILDINGS

Building	Architect	Construction Date
Building B, Classroom	Balch Bryan Perkins Hutchason, Architects	1955-1956
Building C, Classroom	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building D, Classrooms/ Building E, Library	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building F, Lecture Hall	Ralph C. Flewelling and Walter L. Moody	1950–1951
Building G, Music/ Building U, Auditorium	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building H, Transportation	Ralph C. Flewelling and Walter L. Moody	1950–1951
Building I, Classrooms	Ralph C. Flewelling and Walter L. Moody	1950–1951
Building J, Classrooms	Ralph C. Flewelling and Walter L. Moody	1950–1951
Building K, Classrooms	Ralph C. Flewelling and Walter L. Moody	1950–1951
Building L, Arts & Crafts	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building M, Boys Locker Room	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building N, Gymnasium and Pool	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building Q, Girls Locker Room	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building R, Cafeteria and Circle Theatre	Balch Bryan Perkins Hutchason, Architects	1955–1956
Building S, Science Classrooms	Ralph C. Flewelling and Walter L. Moody; addition by Balch Bryan Perkins Hutchason, Architects	1950–1951, with addition 1955–1956
Building T, Classrooms	Ralph C. Flewelling and Walter L. Moody	1950–1951

A groundbreaking ceremony took place the Morningside HS campus in October of 1950.[76] Some of the first classrooms consisted of large canvas tents with dirt floors as construction was still

73 Ibid.

74 "Start of School Building Marked," *The Los Angeles Times*, October 13, 1950; and a comparison of early aerial photographs and early site plans.

75 "Centinela Plans to Split High School Campus," 1949.

76 "Start of School Building Marked," *The Los Angeles Times*, October 13, 1950.

underway at the beginning of the school year in fall of 1951 (**Figure 5**). The school opened in 1951.[77] By 1952, a track and football field roughly in the same location as today was visible in aerial photographs, located immediately south of the school buildings. Morningside HS' first three administrators - principal John Waldman, girl's vice principal Lois Stegan, and boy's vice principal Robert Burley - all had been on the faculty of Inglewood High School.[78] Neighboring Clyde Woodworth Elementary School (Woodworth ES) located to the east of Morningside HS, along W. 104th Street, was constructed in 1953 with permanent building additions continuing through 1959.

In 1957, a building contract was awarded to the Harvey N. Nicholas Co. for Morningside HS building additions as part of the campus' second building campaign for the lowest bid of $1,538,000. The additions that comprised the second building campaign were designed by Balch Bryan Perkins Hutchison, Architects and included a library, 17 to 23 classrooms, an auto shop, a 1,500-seat gymnasium, cafeteria, 1,000-seat auditorium and health center (**Figures 6 and 7**).[79] The campus additions were to increase capacity to 1,500 students, and were to complete the building program, which was designed to fit within the existing 10 buildings from the first building campaign (**Figure 8**).[80] New landscape features included covered walkways connecting all building units to one another along a "gently sloping mall opening onto four large social courts where student groups may gather. The buildings [were] laid out on the inside, or enclosed campus principle [sic], instead of the finger-type plan," allowing for student circulation within the centralized grouping of buildings.[81] In the southern portion of the site, it appears that the track and football field became more defined and that basketball courts were constructed as part of this building campaign (**see Figure 8**). Buildings B, C, D/E, G, L, N, R, V, and W were constructed as part of the second building campaign, along with smaller additions to expand Buildings H, M, and Q.

In September of 1955, while the second building campaign was underway, the school year again began in canvas tents which accommodated about 30% of the school's 1,325 students as the permanent buildings were not yet complete (**Figure 9**).[82] Once the second building campaign was complete, embossed metal plaques distinguishing the first building campaign from the second were installed in several buildings, commemorating the Morningside HS campus expansion (**Figure 10**). Construction of the second building campaign was largely completed by 1956.

Despite the addition of 10 new buildings to the campus, by 1957, Morningside HS was experiencing "peak enrollment" which forced the school to hold classes and study sessions on the stage in Building U, Auditorium; Building N, Gymnasium and Pool; Building R, Cafeteria; and in

77 Morningside High School, "About Us," Morningside HS website, https://mhs.inglewoodusd.com/apps/pages/index.jsp?uREC_ID=1470514&type=d&pREC_ID=1624110, accessed May 5, 2022.

78 Sceptre, 1988, 9.

79 "Morningside School to Have 10 New Units," *The Los Angeles Times*, November 14, 1954; and "School Building Contract Awarded," *The Los Angeles Times*, March 30, 1955.

80 "School Bonds Vote Scheduled," *The Los Angeles Times*, March 24, 1954.

81 "Morningside School to Have 10 New Units," *The Los Angeles Times*, November 14, 1954.

82 "Morningside High May Use Tents," *The Los Angeles Times*, July 27, 1958.

corridors of Building F, Lecture Hall.[83] In preparation for the 1957–1958 school year, two wood frame portable buildings were relocated from Warren Elementary School to Morningside HS to help relieve classroom shortages.[84] The portables were placed near Building N, Gymnasium and Pool. By the late 1950s period, all schools in the District were experiencing an increase in enrollment, yet Morningside HS was "probably the hardest hit" by the influx of students.[85] Further, in 1959, an unspecified number of additional movable portable buildings were constructed at Morningside HS which were to include wood floors, ramps, fluorescent lighting, and gas heating.[86] Two classrooms were converted to science laboratories, and four new portable classroom buildings were constructed in 1961, including Building W, which remains extant today (**Figure 11**).[87] Canvas and wood tent structures were again used for several months while the new classroom facilities were finished.[88] Also in 1961, a Polio immunization clinic sponsored by the Los Angeles County Medical Association, Inglewood Council PTA, and the Inglewood Unified School District was held at an unspecified location at the Morningside HS campus.[89]

In 1963, a potential 14-acre $200,000 recreation complex with tennis courts and lighting was proposed at newly acquired land located immediately east of the campus.[90] In 1964, four small portables were to be placed on campus for use as a headquarters for the Inglewood Cadet Squadron 71, Civil Air Patrol, which appear to have been constructed in the southwest portion of the site (**Figure 12**).[91] 1960s era photographs illustrate the campus and students roughly 15 to 20 years after construction of the first building campaign (**Figures 13 and 14**). Aerial photographs indicate the construction of outdoor recreational facilities in the northeastern portion of the property with the construction of a baseball diamond by 1963, and tennis courts between 1963 and 1971 (**Figure 15**). A 1973 yearbook image illustrates students with original brick walls built as part of the second building campaign (**Figure 16**).

The history of later alterations of the school buildings is associated in part with jet aircraft noise from Los Angeles Airport. For a period of about 15 years between 1960 and 1975, the jet noise from planes arriving to and taking off from LAX and its disruption on Morningside HS classes and activities was widely written about in the local newspapers. The concern about flight paths crossing over the campus lead to the country's first congressional hearing on jet aircraft noise. A hearing was conducted by a congressional Subcommittee of the Transportation and Aeronautics Committee of the U. S. House of Representatives at Morningside HS to study the possibility of abating noise at the school buildings due to the increasing number of jet planes using the LAX airport and flying directly over campus.[92] During this study, Inglewood citizens were given the opportunity to express their complaints and to suggest possible solutions to the annoyance, in which they also proposed legal action as a means of correcting the noise. The Board of

83 Ibid.; and "Citizen Group to Aid Trustees in Inglewood," *The Los Angeles Times*, September 15, 1957.
84 "Morningside High to Get Portable Rooms," *The Los Angeles Times*, September 21, 1958.
85 "Morningside High May Use Tents," 1958.
86 "2 Inglewood Schools to Use Mobile Buildings," *The Los Angeles Times*, May 10, 1959.
87 "Override Loss Would Halt School Plans," *The Los Angeles Times*, April 30, 1961.
88 "School District to Continue Use of Tents," *The Los Angeles Times*, August 20, 1961.
89 "Polio clinic set at Morningside high school," *Southwest Topics-Wave*, April 30, 1961.
90 "Joint Meeting Slated to Air Recreation Plan," *The Los Angeles Times*, March 17, 1963.
91 "The Week in Review," *The Los Angeles Times*, June 9, 1963.
92 "Lawmakers Hear Testimony On Problems of Jet Noise," *Evening Vanguard*, April 21, 1960.

Supervisors passed resolutions asking the federal government to study the problem, and Chamber of Commerce and city officials in nearby cities also added their support to plans for noise relief. Noise suppressor plans were also studied and the district attorney's office conducted its own investigation on the noise problem.[93] By 1972, California Senator Alan Cranston announced his plan to introduce a bill to congress, the Cranston Bill, from a press conference at Morningside HS. The bill proposed to cut noise from commercial aircraft by one third by retrofitting jet engines with sound proofing materials within the years that were to follow.[94]

As this was occurring, reporters interviewed Morningside HS teachers, one who noted that she hadn't been able to give diction to her classes in the five years that she had worked at the school, as nearly 500 jets passed over campus every 24 hours.[95] Some local students experienced roaring jets as often as every other minute, which caused hearing loss and was to blame for many fights at school due to the lack of ability to communicate effectively with consistent overhead noise.[96] Later in 1972, the Airport Authority provided matching funds to schools to soundproof classrooms, yet most remained unsoundproofed.[97] Assembly Judiciary Committee hearings later in the year held at the Morningside HS campus called for a moratorium on nuisance suits against LAX, in which residents were expected efforts to fight against noise pollution and Inglewood officials were to present testimony against the legislation.[98] Newspaper articles mentioning the school and jet noise virtually ceased after this announcement, yet problems with sound abatement at the campus continued for the next nearly 50 years. The District later settled a lawsuit with LAX in which school funds were used to "seal up" most classrooms in which air conditioning and heating systems were added.[99]

In 1975, a student arsonist set Building A, Administration, which was part of the school's first building campaign, on fire. The blaze destroyed two-thirds of the building causing between $200,000 and $312,000 worth of damages. A 15-year-old boy admitted to setting the building on fire in an effort to destroy school records – yet permanent school records, which were kept in a vault, were not damaged.[100] A new building was constructed to replace the destroyed structure the following year to designs by architect Willis K. Hutchason, who was involved in the second building campaign in the mid-1960s (**Figures 17 and 18**). The new building had the same footprint as the original was designed to be vandal proof and windowless with heavy metal roll down shutters to protect building from break-in entry.[101] The unadorned block-wall construction included a new health service space with a room for student counseling. Elaborate sound attenuation features at new Building A noticeably reduced noise of jets flying to and from LAX.[102] However, the sound proofing was only applied to the new building, and the noise

93 "Jet Plane Problem," The Southwest Wave, December 29, 1960.
94 "Cranston Bill to Seek Reduction in Jet Noise," *The Los Angeles Times*, April 10, 1971.
95 "Disturbing Effects From LA Jet Noise," *Petaluma Argus-Courier*, September 13, 1972.
96 Ibid.
97 Ibid.
98 "Hearings Set on Airport Suit Bill," *The Los Angeles Times*, October 22, 1972.
99 Rich Connell, "Inglewood Copes With Chilly Classrooms, *The Los Angeles Times*, January 30, 1983.
100 "The Southland," *The Los Angeles Times,* March 21, 1975.
101 Osgood Caruthers, "Morningside Dedicates Administration Building," *The Los Angeles Times*, March 20, 1977.
102 Caruthers, 1977.

continued to be "a constant aggravation to the 3,000 students and teachers in the school's un-soundproofed main buildings," according to a *Los Angeles Times* article.[103]

In 1978, a public bid request for a sound attenuation project at the Morningside HS campus was announced, however there are no plans on file associated with such a project during this period.[104] A newspaper article from 1979 noted that the District wanted to earmark profit from a land sale to address the immediate need to refurbish deteriorating facilities at the Morningside HS campus.[105] This appears to be the first public mention of the deteriorating conditions at Morningside HS campus, which would lead to many additional articles to be published on the subject over the decades that followed. For example, a 1983 newspaper article profiled issues with broken heaters during a cold spell in January which prompted students to wear ski jackets into class.[106] District maintenance supervisor Gene Robinson noted that since Morningside HS was directly under the flight pattern, "There's more jet ash, spillage (of fuel), and we have to change filters more. If you don't, you start losing compressors, belts, motors, and other things," noting that the attrition of the heating systems at the campus was related to the prominence of consistent overhead jets.[107] When these systems would fail, due to lack of budget for maintenance, teachers would open up doors and windows which would negate the limited sound attenuation systems that were in place.[108]

By 1990, the school's deteriorating condition led to a series of student-led protests, the largest of which involved a 500 student-staged walkout to protest what they described as "substandard conditions" at Morningside HS, to which the District Superintendent George McKenna agreed.[109] The students marched to District headquarters and "complained of campus conditions, poor security, short supply of textbooks, inadequacy of substitute teachers, and vandalism in the bathrooms."[110] McKenna agreed to upgrade the campus installation of lights and to hire an exterminator to control the severe gopher infestation. Students followed up after the protest and joined an Inglewood school board meeting to make demands.[111]

Morningside HS was then considered by the District to be its most troubled school. In addition to the deteriorating condition of the buildings, crime was rampant with Inglewood police noting that the neighborhood had one of the highest crime rates in the city.[112] Newspaper articles from 1990 noted that when the school opened in the 1950s, it was known for "its state-of-the-art campus and quality instruction," and was "once described as having a country-club atmosphere, and to the neighborhood that surrounds it."[113] Yet this was in stark contrast with the 1990s state of

[103] Ibid.
[104] "Bids Wanted," *The Los Angeles Times*, October 24, 1978.
[105] Bob Williams, "Church Wins OK to Buy Complex, Zoned As Is," *The Los Angeles Times*, October 18, 1979.
[106] Connell, 1983.
[107] Ibid.
[108] Ibid.
[109] "Highlights: Student Protest," *The Los Angeles Times*, February 10, 1990.
[110] Ibid.
[111] Marc Lacey, "Morningside Students Take Objections to School Board," *The Los Angeles Times*, February 15, 1990.
[112] Ibid.
[113] Ibid.

Morningside HS, which as a result of budget cuts had reduced maintenance staff from more than 20 to only 4 staff members. Frustrated administrators and teachers pointed out that conditions had been steadily worsening for years, and that costly upgrades were needed to refurbish the campus.[114]

In 1990, Building U, Auditorium was renamed in honor of late Olympian and Morningside HS alumna, Flo Hyman (see **Figure 65**).[115] Plans for alterations including mechanical, plumbing, and electrical upgrades all campus buildings were created in 1991 by Davis, Duhaime Associates, Architects. In 1998, prolific basketball player and Morningside HS alumni, Lisa Leslie dedicated the "Lisa Leslie Sports Complex," at Morningside HS which included a "42,000 square foot court with 12 baskets," which may have involved renovations to existing Building N, Gymnasium and Pool, or renovations to the outdoor basketball court located in the southeastern portion of the site.[116] In 1999, exploratory oil drilling was to begin at the Morningside HS campus, located immediately southeast of the baseball diamond.[117] The City's mayor, Roosevelt Dorn, proposed a 5,000-student learning center as the Morningside HS site, then referred to as "weedy and dilapidated," which was to potentially include a new high school, science and math magnet, technical school, and performing arts theatre, in addition to a state-of-the-art oil and gas facility.[118] If the exploratory effort at the campus had produced flowing oil sources, through a lease program, the District would have potentially been able to have a revenue stream. It is not clear what the results of the proposed exploratory efforts were.

In 2002, the Mollenhauer Group created an extensive architectural survey of the campus which included an as-built site plan of all campus buildings, topography, and landscape features. The campus most recently underwent renovation and modernization efforts to numerous buildings from July 2019 to April 2021 as part of the Los Angeles World Airports (LAWA) sound insulation program. The LAWA upgrades included interior and exterior sound attenuation improvements. These improvements involved heating/ventilation/air conditioning (HVAC) upgrades, and replacement doors, windows, ceilings, flooring, lighting, and fire alarm and low-voltage upgrades to buildings A, B, C, D/E, F, G, R, S, and T. In this, teaching spaces were insulated for sound mitigation and all areas that were susceptible to sound transmission were reinforced.[119] In addition, ADA upgrades were made in Buildings A, C, D, F, R, S, and T and for associated walkways near Buildings A, B, C, D/E, F, G, R, S, and T.

[114] Ibid.

[115] "Prep star gets more than 15 minutes of fame," *Star Tribune*, March 17, 1990.

[116] David L. Porter. Latino and African American Athletes Today: A Biographical Dictionary, London: Greenwood Press, 2004, 229. There were no building plans available with modifications to Building N during this period. ESA did not note any commemorative signage at the campus related to this complex during the time of the site visit.

[117] Louis Sahagun, "Inglewood's Mayor Imagines a Super-School," The Los Angeles Times, August 5, 1999.

[118] Ibid.

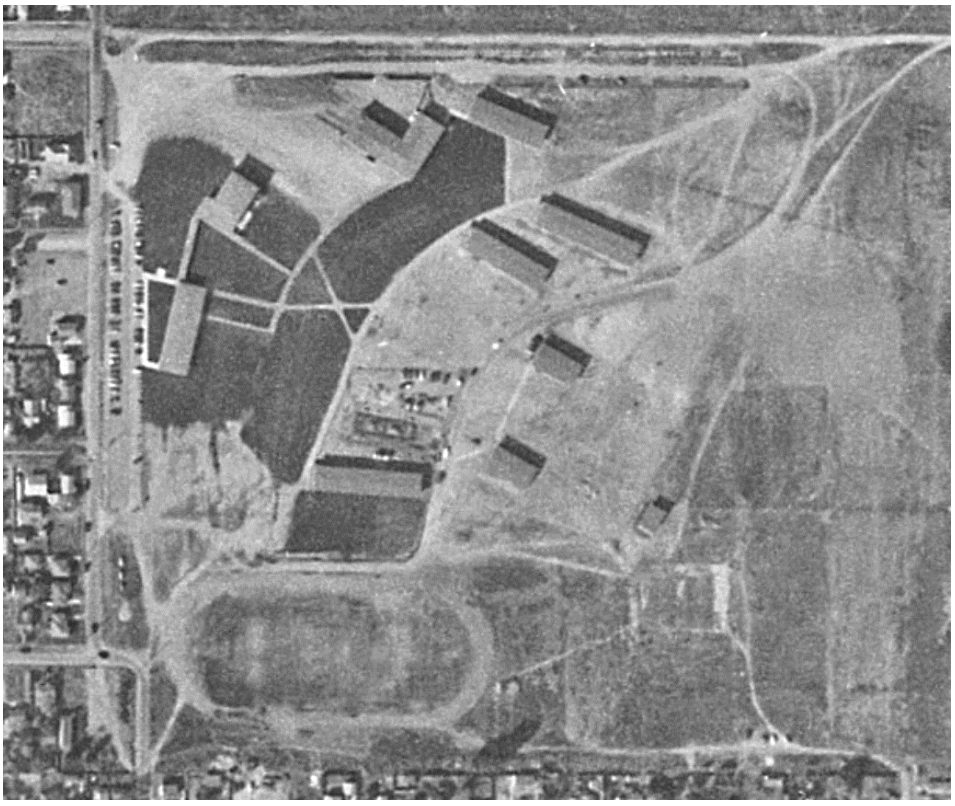
[119] Stephanie Pulcifer, Design & Construction Manager, Cordoba Corporation, email correspondence, April 18, 2022.



SOURCE: University of California, Frame Finder

Morningside High School Site Upgrade Project

Figure 4
Detail of aerial photo showing future site of Morningside HS, generally in the northwestern portion, 1941



SOURCE: University of California, Frame Finder

Morningside High School Site Upgrade Project

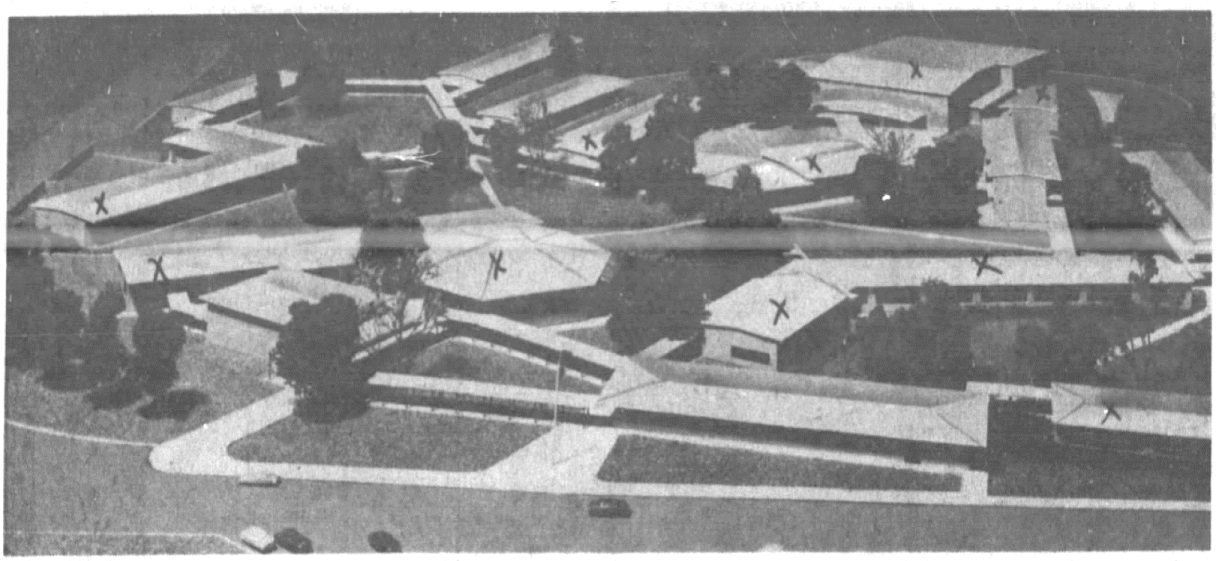
Figure 5
Morningside HS during construction of first building campaign, 1952. Extant buildings from this period include Buildings F, H, I, J, K, S, and T, and portions of Buildings M and Q



SOURCE: Morningside High School Library, *Sceptre* yearbook, 1998, page 1.

Morningside High School Site Upgrade Project

Figure 6
Morningside HS with tents as classrooms prior to construction completion of the first campus building campaign, c.1951

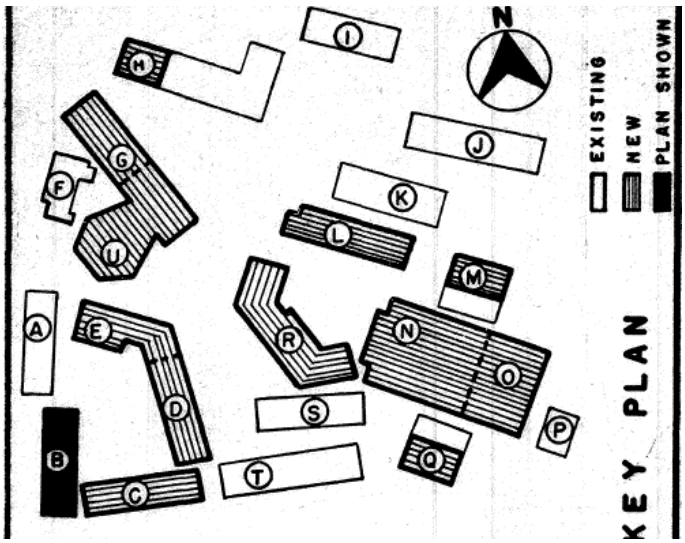


ADDED FACILITIES—Inglewood Unified School District is soon to build 10 new buildings (indicated by X's in above picture) costing $1,400,000 for the Morningside High School in Inglewood. Entire plant will have student capacity of 1500. Designed by Architects Balch-Bryan-Perkins-Hutchinson, the new buildings will include an, auditorium, a gymnasium, an indoor swimming pool and other facilities.

SOURCE: "Added Facilities," The Los Angeles Times, November 14, 1954.

Morningside High School Site Upgrade Project

Figure 7
Model of Morningside HS with 10 proposed new buildings (marked with an X) as part of the second building campaign included in *The Los Angeles Times*, 1954



SOURCE: Inglewood Unified School District

Morningside High School Site Upgrade Project

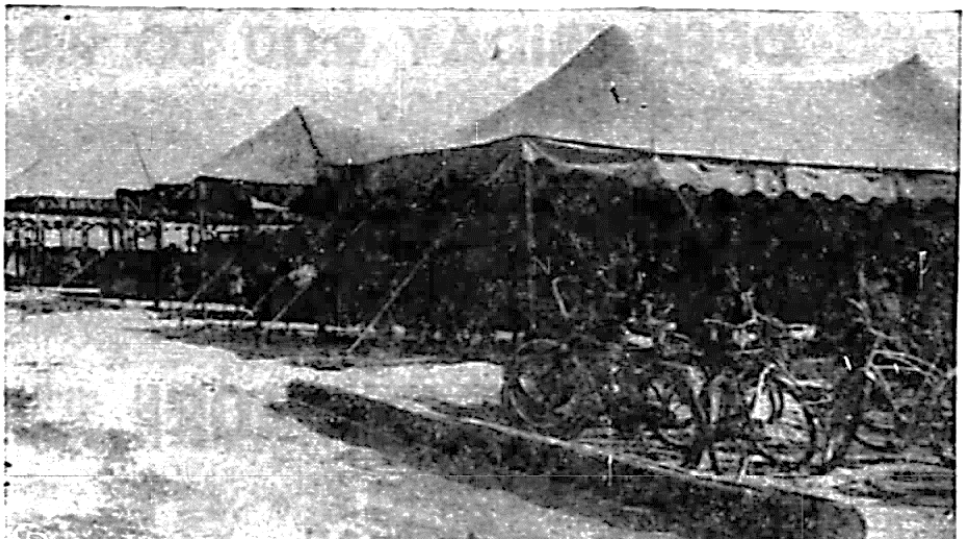
Figure 8
Morningside HS key plan, 1955, depicting campus shortly after second building campaign largely as it exists today



SOURCE: University of California, Frame Finder

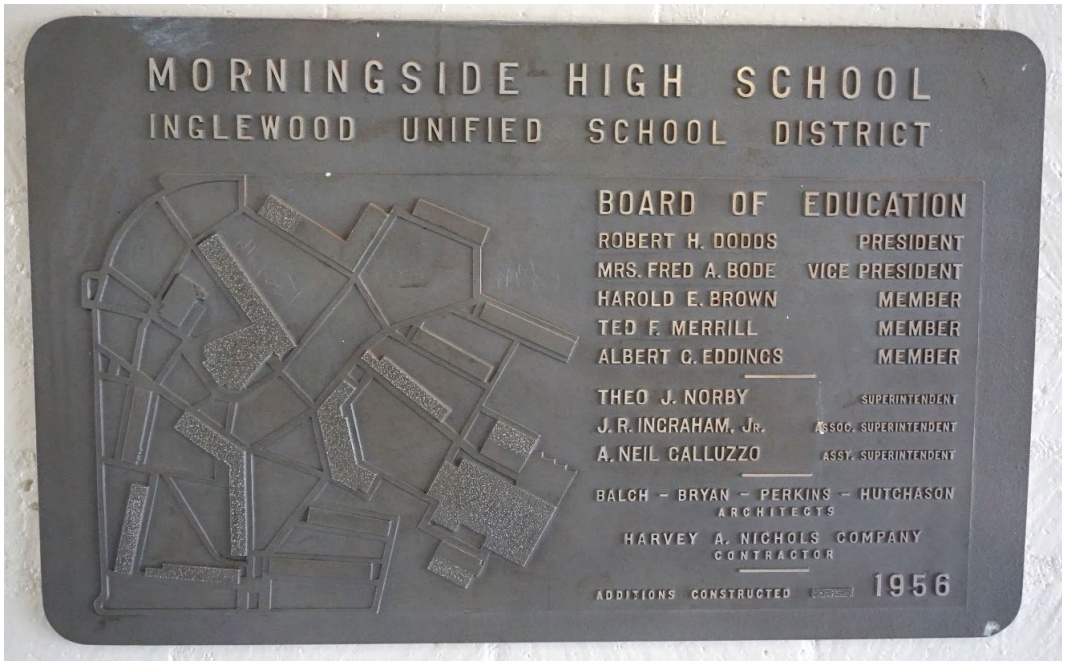
Morningside High School Site Upgrade Project

Figure 9
Aerial photograph of Morningside HS, after construction of second building campaign, 1956



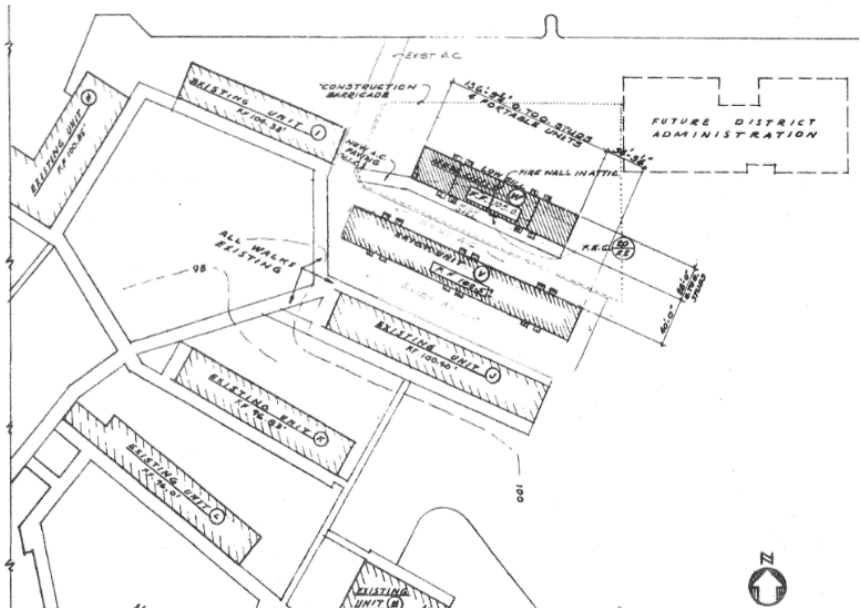
SOURCE: *Journal and Courier*, September 15, 1955 Morningside High School Site Upgrade Project

Figure 10
Morningside HS at the start of the 1955 school year included canvas tents to accommodate student overflow during the construction of second building campaign buildings



SOURCE: ESA, 2021 Morningside High School Site Upgrade Project

Figure 11
Commemorative plaque at campus indicating second building campaign additions completed in 1956 with a textured finish



SOURCE: Inglewood Unified School District

Morningside High School Site Upgrade Project

Figure 12
Detail of site plan for the construction of Building W in the northeastern portion of campus, 1961



SOURCE: Howard D. Kelly, Kelly-Holiday Mid-Century Aerial Collection/Los Angeles Public Library

Morningside High School Site Upgrade Project

Figure 13
Morningside HS campus, aerial view, 1964



SOURCE: Morningside High School. Sceptre Yearbook. Inglewood, California, 1966.

Morningside High School Site Upgrade Project

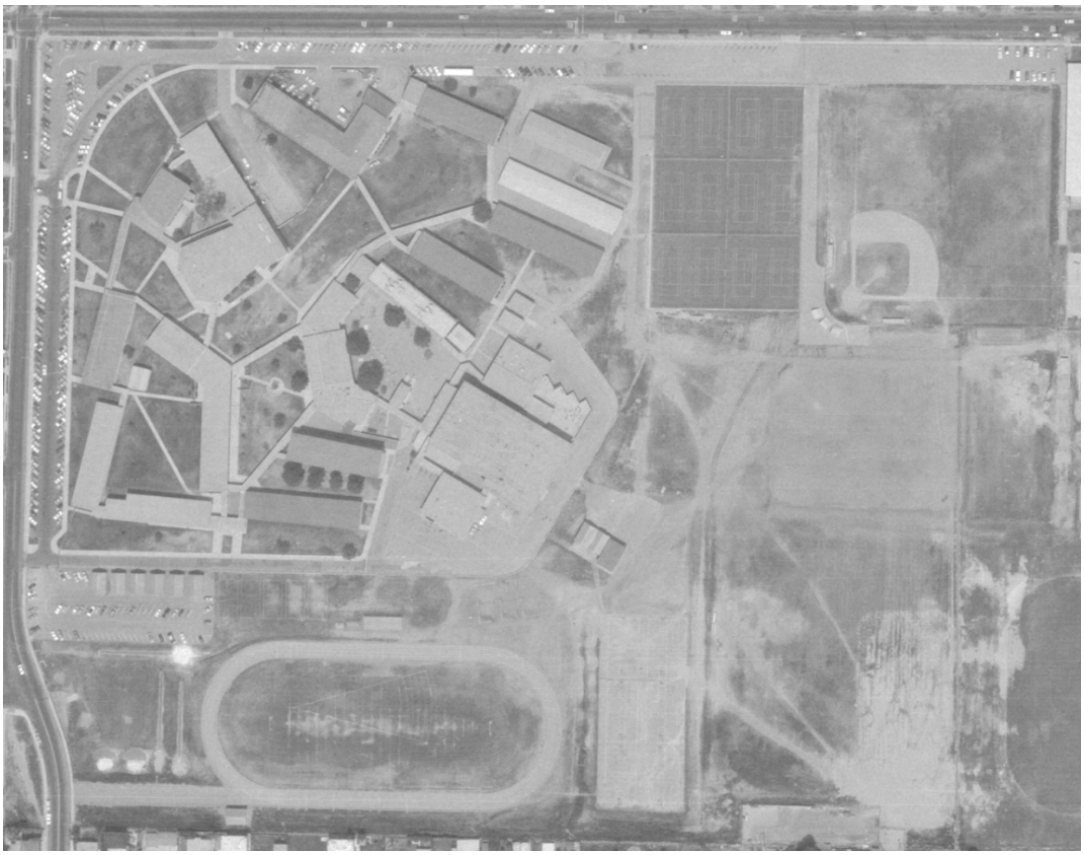
Figure 14
Building T, Classrooms in background, 1966



SOURCE: Courtesy of Inglewood Public Library, Collection of Inglewood Local History Photographs

Morningside High School Site Upgrade Project

Figure 15
Original Building A, Administration, 1969



SOURCE: University of California, Frame Finder

Morningside High School Site Upgrade Project

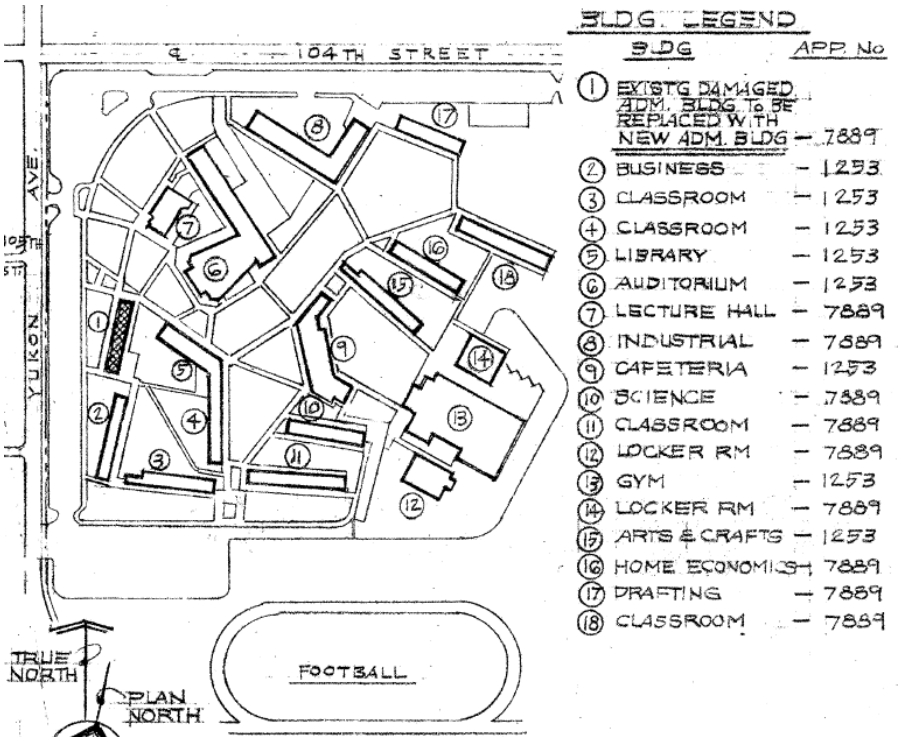
Figure 16
Aerial photograph of Morningside HS, after baseball diamond and tennis courts, 1971



SOURCE: Morningside High School. Sceptre Yearbook. Inglewood, California, 1973.

Morningside High School Site Upgrade Project

Figure 17
Buildings U and H in the background with brick wall, c. 1973



SOURCE: Inglewood Unified School District

Morningside High School Site Upgrade Project

Figure 18
Location plan with proposed new Building A, Administration, which replaced an original building in the same location, 1975



SOURCE: "Morningside Dedicates Administration Building," *The Los Angeles Times*, March 20, 1977.

Morningside High School Site Upgrade Project

Figure 19
Jesse Jones, Morningside HS principal, dedication of new administration building, 1977

Ralph C. Flewelling and Walter L. Moody Architects, 1950–1951

Ralph C. Flewelling was born in 1894 in St. Louis, Michigan. He obtained a bachelor of science degree from Wesleyan University in 1916 and pursued graduate studies at the Massachusetts Institute of Technology the following year.[120] Flewelling began his career with H. M. Patterson in Los Angeles between 1921 and 1923 and then worked with William Lee Woollett, between 1924 and 1925.[121] Flewelling later established his own firm, Ralph C. Flewelling, Architect in the mid-1920s and worked as a sole practitioner until Flewelling & Moody, Architects was established roughly 20 years later in 1945.[122] He became a member of the American Institute of Architects (AIA) in 1927. Notable works from Flewelling's early career included the United States Post Office in Beverly Hills in 1933, and the Fisher Gallery of Fine Arts and the School of Architecture at the University of Southern California in 1939. He became an AIA fellow in 1941.

Walter Leland Moody was born in 1897 in Santa Monica, California. He received his Bachelor of Arts degree from the University of California, Berkeley in 1920. He began his career as a draftsman at Pierpont & Walter Davis between 1921 and 1924, and then worked for Allied Architectural Association of Los Angeles between 1924 and 1925. He formed his own practice focused on residential work which operated between 1928 and 1940.

Flewelling and Moody partnered together to form Ralph C. Flewelling and Walter L. Moody Architects, which was active between 1945 and 1960, and incorporated in 1957.[123] With offices in Pasadena and Lancaster during this period, the firm designed the original building campaign for the Morningside HS campus which was constructed between 1950 and 1951.[124] In 1961, the firm became Flewelling, Moody, and Horn, Architects briefly when the two joined with architect Aubrey Horn. By 1964, magazine articles highlighting the firm's work credited the firm as "Flewelling and Moody," the firm's earlier name.[125] Flewelling ran the firm from 1959 to 1990. In the early 2000s, other firm principals included Michael P. Stahlheber and Ara Zenobians.[126] The firm is known for their educational projects and master plans in Southern California. Notable projects designed by the firm included: Santa Ana Junior College (1948) (presently); Paradise Canyon School, La Cañada (1949); Morningside High School, Inglewood (1950–1951, the first building campaign); Hawthorne High School (1954); School of Medicine at USC and Master Plan (1960); Jet Propulsion Laboratory California Institute of Technology (Caltech) and Master Plan (c. 1960s); and the Millikan Memorial Library at Caltech (1968).

120 "American Institute of Architects Application: Ralph C. Flewelling," AIA Membership website, https://content.aia.org/sites/default/files/2018-09/FlewellingRalphC.pdf, accessed November 5, 2021,
121 Ibid.
122 "History: 1928–Present," Flewelling & Moody website, https://www.flewelling-moody.com/?page_id=3375, accessed March 11, 2022.
123 1956 American Institute of Architects Historical Directory.
124 "Flewelling and Moody, Architects," Pacific Coast Architecture Database, N. D., https://pcad.lib.washington.edu/firm/393/, accessed March 11, 2022.
125 Ibid.
126 Ibid.

Balch Bryan Perkins Hutchason

William Glenn Balch, AIA and Louis L. Bryan

William Glenn Balch was a founding partner of Balch Bryan Perkins Hutchason (BBPH). He was born in Pasadena, California to his father William C. Balch, a carpenter, and his mother, Anna S. Houck Balch, a homemaker.[127] In 1921, Balch married Lena Balch; the couple eventually had three children.[128] Shortly after his marriage, Balch worked as a draftsman for his brother, Clifford A. Balch, from 1922 until 1928 while attending the University to Southern California where he earned his B. Arch degree in 1928. After graduating, Balch worked as a draftsman for Walker and Eisen in Los Angeles from 1929 to 1934.

Balch began working as a designer for H. L. Gogerty from 1934 until 1946, where he met Louis L. Bryan, an architect who designed the Santa Ana Country Club Clubhouse along with Samuel Wyvill in 1924.[129] John Loring Perkins and Willis Hutchason, who later became partners in the firm BBPH (discussed further below), also worked at H. L. Gogerty during this time and it appears that the experience at H. L. Gogerty was formative in the future partners' practice. The firm of H. L. Gogerty designed more than 350 schools in Southern California through its years of operation (1923 – 1968), as well as jails, office buildings, shopping centers. The founder, Gogerty, was the recipient a national achievement award from the American Institute of Architects for his design and development of gliding acoustical walls that allowed for flexible classroom construction.[130] While not currently extant on the Elementary Buildings, original drawings on the north elevation indicate the presence of acoustic tiles.

Balch and Bryan

William Balch and Louis Bryan left the firm of H. L. Gogerty to start the firm Balch and Bryan, the precursor to BBPH, in 1946. The firm operated under this name until 1953.[131] John Loring Perkins, also left H. L. Gogerty in 1946 to work at Balch and Bryan, although he was not yet a partner.[132]

John Loring Perkins was born in South Dakota and his father. Robert A. Perkins, was also an architect. John Perkins earned his B. Arch from the University of Minnesota in 1941. Prior to moving to Los Angeles, he worked as a designer for Giffels and Valet Architects and Engineers in Detroit (1942–1943), which focused on military buildings at the time of John's employment. He also worked as a draftsman for the Metcalf -Hamilton, Kansas City Bridge Companies from 1943 to 1944. By 1944, John Perkins was living in Los Angeles and working for H. L. Gogerty.

[127] "Balch, William Glenn," *Los Angeles Times*, March 16, 1989.; and PCAD, "William Glenn Balch (Architect)," Pacific Coast Architecture Database, N.D., https://pcad.lib.washington.edu/person/743/, accessed May 4, 2022.

[128] "Quiet Wedding at the Home of the Bride," *The Pasadena Post*, July 22, 1921.; and "William Glenn Balch (Architect)."

[129] "Santa Ana Country Club," *Santa Ana Register*, October 2, 1924.

[130] "Henry L. Gogerty; Architect Who Designed Gliding Classroom Walls," *Los Angeles Times*, April 6, 1990.

[131] "Architects Named for Trona Unified School District," *San Bernadino County Sun*, July 23, 1950.

[132] PCAD, "John Loring Perkins (Architect)," Pacific Coast Architecture Database, N.D., https://pcad.lib.washington.edu/person/1672/, accessed May 6, 2022.

He became a designer at Balch and Bryan beginning in 1945, until he became a partner in the firm in 1953.[133]

While the firm designed numerous public and institutional buildings, they remained focused on school design. In 1950, for example, Balch and Bryan were named architects for the Trona Unified School District. They were appointed following a meeting by the board of trustees. They are also architects for the Lone Pine school District, the Owens Valley Unified School District, and the Inyo County superintendent of schools. Both Balch and Bryan were former associates of H. L. Gogerty, who had been the Trona District's architect prior to the partners taking over. [134]

While the firm designed many schools, they also appear to have been prolific designers of movie theater and drive-in theaters. Examples include the 1949 Rancho Theater of Arvin, an 874-seat movie theater in Arvin, California[135]; the Terrace Drive-in Theater in Bakersfield, California (demolished);[136] the drive-in theater in San Pedro in 1949 (demolished);[137] and the Gilmore Theater formerly located on West 3rd Street at Fairfax Avenue in Los Angeles in 1948 (demolished).[138]

Balch, Bryan, Perkins and Hutchason, Architects, 1955–1956

In 1953, John Perkins was promoted to partner and Willis Hutchason also joined the firm as a partner to form Balch Bryan Perkins and Hutchason, Architects (BBPH). Willis K. Hutchason, AIA, studied at the University of California, Berkeley and the University of Southern California. Like his professional partners, Hutchason was employed by H. L. Gogerty, working at the firm from 1945 until he joined BBPH in 1953.[139]

Like its predecessor firm, BBPH specialized in large-school school design for elementary, middle, and high schools throughout California. The firm designed myriad academic buildings and campuses, notably building improvements at the Mayfield Senior High School in 1954, two years before the construction of the Elementary Building at Mayfield Junior School.[140] Additional projects completed by BBPH include: Colfax Avenue School in North Hollywood (1951); Oak Grove School in La Canada (1952); Wilson Elementary School in Tulare (1954); Pacoima Junior High School (1955), Ventura College in Ventura (1956), Fontana High School (1959), Alder Junior High School in Fontana (1960), and William Howard Taft High School in Canoga Park (1960).[141] BBPH designed 10 additions to the Morningside HS campus, which is considered to be the school's second building camping. These additions completed the campus,

133 Ibid.

134 "Architects Named for Trona Unified School District," 1950.

135 "New Theater to Open Doors for First Time," *The Bakersfield Californian*, November 2, 1949.

136 Cinema Treasures, "Terrace Drive-In," N.D., http://cinematreasures.org/theaters/31487/photos/56818, accessed May 6, 2022.

137 "Drive-In Theatre to Open in April," *News-Pilot*, March 9, 1949.

138 Elisa Leonelli, "Gilmore Drive-In Theater," 1978, Claremont Colleges Digital Library, https://ccdl.claremont.edu/digital/collection/p15831coll13/id/2097, accessed May 6, 2022.

139 Dudek, "Alexan Mixed-Use Development Project Draft EIR," prepared for the City of Arcadia, February 2022, https://cms9files.revize.com/arcadia/Shape%20Arcadia/Development%20Services/planning/Projects/Alexan%20Mixed-Use%20Development%20Project%20Draft%20EIR.pdf, accessed May 6, 2022, 4.3-12.

140 "Two Structures Started at School," *Los Angeles Times*, July 18, 1954.

141 1956 and 1962 American Institute of Architects Historical Directory.

and included Buildings B, C, D/E, G, L, N, R, V, and W, along with smaller additions to expand Buildings H, M, and Q. The buildings designed for this campus were stylized examples of Mid-Century Modernism/Regional Modernism, and the resulting campus is an example of a Postwar Modern Functionalist School Plant.

From 1955 to 1956, while he was a partner in BBPH, William Balch also served as President of the AIA's Southern California chapter.[142] He was elected vice president for 1956 of the California Council of Architects.[143] In 1962, Balch was named a Fellow of the AIA.[144]

Balch Hutchason Perkins, 1975

By 1958, the firm became Balch Hutchason Perkins.[145] The firm remained actively involved with school construction, including an addition to the Horace Mann Elementary School located in Beverly Hills in 1968.[146] Additional projects by the firm include Fontana High School in Fontana (1958), William H. Taft High School in Los Angeles (1960), Alder Junior High School in Fontana (1959), Tumbleweed High School in Palmdale (1959), William H. Taft High School in Los Angeles (1960), and Claremont High School in Claremont (1961).[147] Later works included Lawry's Prime Rib Restaurant, La Cienega (1970), Griswold's Restaurant and the Smorgasbord, Claremont (1973); Lawry's Prime Rib Restaurant in Beverly Hills (1977), and Frank Hall, Pomona College in Claremont (1982).[148] Willis K. Hutchason and Associates, an offshoot of Balch Hutchason Perkins, designed Building A at Morrningside HS, the administrative building which replaced the original building that burned by a student arsonist in 1975. Hutchason retired in 1996 died in 2007.[149]

Ralph Johnson, Morningside HS alumnus

Ralph Johnson, born in 1951, is an American musician who is best known as an original member of the band Earth, Wind & Fire. Johnson attended and graduated from Morningside HS in the mid-to late-1960s.[150] Growing up with musically included parents, he was involved in musical bands throughout in elementary, middle, and high school.[151] At Morningside HS, he was involved in the Morningside HS Marching Band Drum Corps, likely in addition to other on-

142 "Architects' Leaders See Banner Year," *Los Angeles Times*, January 12, 1955; and "Installation of AIA Officers Scheduled for this Week," *Los Angeles Times*, January 8, 1956.

143 "State Council of Architects Holds Elections," *Los Angeles Times*, February 26, 1956.

144 "Balch and Woodard Named Fellows by AIA," *Los Angeles Times*, March 25, 1962.

145 Ibid.

146 Beverly Hills Unified School District, "History of Our School Facilities," N.D., https://www.bhusd.org/apps/pages/index.jsp?uREC_ID=41863&type=d&pREC_ID=50487, accessed May 9, 2022.

147 1962 American Institute of Architects Historical Directory.

148 Dudek, 2022, 4.3-13.

149 "Obituary: Willis K. Hutchason," *The Desert Sun*, March 3, 2007.

150 Grace Wong, "Torrance woman builds strong alumni group to help Morningside High School," *Daily Breeze*, December 25, 2013, accessed May 15, 2022, https://www.dailybreeze.com/2013/12/25/torrance-woman-builds-strong-alumni-group-to-help-morningside-high-school/; and Morningside HS Mane Line website, http://www.mhsmaneline.org/.

151 Ralph Johnson, "NAAM Oral History Program, Interview with Ralph Johnson," National Association of Music Merchants, September 2, 2014.

campus organizations.[152] Johnson became involved with a local veteran showcase in 1968 and continued to hone his skills, and by 1971 he auditioned for and joined the revamped band Earth, Wind & Fire as an original member, vocalist and percussionist.[153] The band signed with Columbia Records the following year and experienced tremendous success over the following decades. The band's pop breakthrough in 1975 was the song "That's the Way of the World," which topped the Billboard 200 albums for three weeks.[154] Top Billboard and award-winning songs that Johnson was involved as a member of Earth, Wind & Fire included, "Shining Star," "Sing a Song," "Boogie Wonderland," "After the Love Has Gone," and "Let's Groove."[155] The band took a hiatus in 1984, during which time Johnson participated in the production of Motown's Temptations hit single, "Treat Her Like a Lady."[156] Johnson's solo projects have included a conceptual jazz ensemble, in addition to musical collaborations with numerous artists and producers as a singer, songwriter, producer, percussionist, composer, and vocalist. Johnson has six GRAMMY awards, and the band was inducted into the National Association for the Advancement of Colored People (NAACP) Image Hall of Fame in 1993, and given a star on the Hollywood Walk of Fame in 1995.[157]

Lisa Leslie, Morningside HS alumna

Lisa Leslie, born in 1972 in Compton, California is an American former professional basketball player. Leslie attended Morningside HS from 1986 to 1990. During this time, she led the Morningside women's basketball team state championship victory twice, securing the 1989 and 1990 state titles.[158] In the summer of 1989, she played for the USA Junior World Championship team. During her senior year of high school at Morningside HS in 1990, Leslie scored 101 points in the first half of a game against South Torrance High School.[159] This game, played at Building N, Gymnasium and Pool, made national press, as the final score was 102 to 24, and the coach of the opposing team did not allow his team to play for the second half, in which Leslie would have broken a national record had the game not ended at half time.[160] She went on to study at the University of Southern California, where she aided the team to get into four National Collegiate Athletic Association (NCAA) tournaments, and was named National Player of the Year in 1994.[161] She signed to the Los Angeles Sparks WNBA basketball team in 1997, where she remained for her entire career. In 1998, Leslie dedicated the "Lisa Leslie Sports Complex," at

[152] "Richard R. Marracino Memorial Music Fund," Orange Coast College, 2022, Orange Coast College website accessed May 17, 2022, https://orangecoastcollege.academicworks.com/opportunities/8077/. ESA did not note any commemorative signage at the campus related to Ralph Johnson at the time of the site visit.

[153] "NAAM Oral History Program, Interview with Ralph Johnson," 2014; and "Ralph Johnson," Hollywood Music in Media Awards, HMMA website accessed May 17, 2022, https://www.hmmawards.com/advisory-board/ralph-johnson/.

[154] Frank Tortorici, "Earth, Wind and Fire's Ralph Johnson," MTV News, July 1, 1998, MTV website, http://www.mtv.com/news/400200/earth-wind-and-fires-ralph-johnson/.

[155] Ibid.

[156] Ibid.

[157] Ibid.; and "Artist: Ralph Johnson," Recording Academy Grammy Awards, GRAMMY website, accessed May 17, 2022, https://www.grammy.com/artists/ralph-johnson/13664.

[158] USA Today High School Sports, "Lisa Leslie left her mark at Morningside," USA Today website, May 8, 2013, accessed May 17, 2022, https://usatodayhss.com/2013/lisa-leslie-left-her-mark-at-morningside.

[159] Stuart Matthews, "Morningside Rolling Again," *The Los Angeles Times,* February 16, 1990.

[160] "101 points in a half, but no record," *L.A. Times Washington Post News Service*, February 9, 1990.

[161] USA Today High School Sports, 2013.

Morningside HS.[162] The complex was noted to have included a "42,000 square foot court with 12 baskets." The location of this complex was unclear, and either refers to renovations to existing Building N, Gymnasium and Pool, or renovations to the existing basketball court located in the southeastern portion of campus.[163] Leslie became the WNBA's second all-time leading scorer, and won four consecutive gold medals as the U.S. Olympic Women's Basketball Team in 1996, 2000, 2004, and 2008.[164] She won the WNBA title in 2001 and 2002, and earned three MVP awards in 2001, 2004, and 2006. She retired from the WNBA in 2009, and was inducted into the Naismith Memorial Basketball Hall of Fame in 2015 and into the U. S. Olympic & Paralympic Hall of Fame in 2019.[165] She has made appearances on popular TV shows, commentated for on-air basketball broadcasts, coaches, and is a part-owner of the Los Angeles Sparks. Leslie is considered to be one of the greatest basketball players of all time.[166]

Architectural Resources Survey

A historic architectural resources survey of the Morningside HS was conducted by ESA architectural historian Alison Garcia Kellar, M.S., on August 19, 2021. Detailed notes and digital photographs were taken and the survey work utilized the survey methodology of the State Office of Historic Preservation (OHP). Morningside HS was documented on California Department of Parks and Recreation (DPR) 523 form series (**Appendix B**).

Site

The campus currently includes the following classroom buildings: Buildings B, C, E, G, I, J, K, L, S, T, V, and W. In addition to classroom buildings, the campus includes Building A, Administration; Building H, Transportation; Building M, Girls Locker Room; Building N, Gymnasium and Pool; Building Q, Boys Locker Room; Building R, Cafeteria; Building U, Auditorium. The existing campus buildings are labeled as Buildings A through W as shown on **Figure 3,** *Morningside High School Building Site Plan,* and are generally located in the northwestern portion of the overall site.

Extensive original features include tennis courts and a baseball field with fencing and a brick dugout structure which are located east of the classroom buildings, adjacent to West 104th Street (**Figures 19 and 20**). A football field and basketball courts are located to the south of classroom buildings (**Figure 21**), adjacent to Yukon Avenue South and residential homes. Landscaping includes shade trees, flowers, and shrubbery located toward the center of campus, sloping areas toward the northern portion of the site, and grassy areas in between walkways and at the aforementioned recreational fields **(Figures 22 and 23**). Hardscaped elements include brick

[162] United States Olympic & Paralympic Committee, "Lisa Leslie," Team USA website, accessed May 15, 2022, https://www.teamusa.org/usa-basketball/athletes/lisa-leslie; and Porter, 2004, 229.

[163] USA Basketball, "Lisa Leslie," USA Basketball website, accessed May 15, 2022, https://www.usab.com/basketball/players/womens/l/leslie-lisa.aspx.

[164] International Olympic Committee, "Lisa Leslie," Olympics website, accessed May 15, 2022, https://olympics.com/en/athletes/lisa-leslie.

[165] Mariana Brandman, "Lisa Leslie (1972 -)," National Women's History Museum website, accessed May 17, 2022, https://www.womenshistory.org/education-resources/biographies/lisa-leslie#:~:text=An%20early%20star%20of%20the,%2C%20commentator%2C%20and%20role%20model.

[166] Ibid.

planters and brick walls, interconnected concrete pathways, walkway coverings with metal awning structures supported by metal poles, paved concrete areas, concrete steps with metal handrails, metal fencing, asphalt paved parking lots, and a metal shade structure with picnic tables (**Figures 24 to 26**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 20
View of tennis courts located in the northeast portion of the site



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 21
View of the baseball dugout with metal fencing at baseball diamond



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 22
View of football field and track



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 23
View of seating area and landscaping located toward center of campus



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 24
View of sloping site and covered walkways in the northeastern portion of campus



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 25
View of the brick walls with murals located between Buildings H and U



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 26
View grassy area and two metal fence types



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 27
View of parking lot along Yukon Avenue

Building A, Administration

Building A, Administration is located in the western portion of the Morningside HS site, adjacent to the campus' main entrance gate (**Figure 27**). The structure was constructed in 1976 to designs by Willis K. Hutchason and Associates to replace the former administration building that burned in a fire. The building was designed to be "vandal proof" and windowless to protect against break-in entry.[167] Building A is one-story in height and a rectangular footprint, and horizontal massing (**Figure 28**). It was constructed with concrete masonry units and includes a flat roof with composition gravel sheathing. The building includes multi-lite metal framed windows with counters that have metal rollup doors at the east elevation (**Figure 29**). Flat, corrugated metal covered walkways supported by square columns wrap along the building's north, east, and south elevations. Building A includes two murals on the west elevation: one with the Inglewood Unified School District emblem, and the other that includes a lion mascot and reads: "Morningside Monarchs" and includes the year that the school began, 1951. The interior includes concrete flooring, dropped ceilings, and gypsum board partition walls (**Figures 30 and 31**). The rooms are oriented along a centralized corridor.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 28
View of the west elevation of Building A, with main campus entrance to the left

[167] Caruthers, 1977.



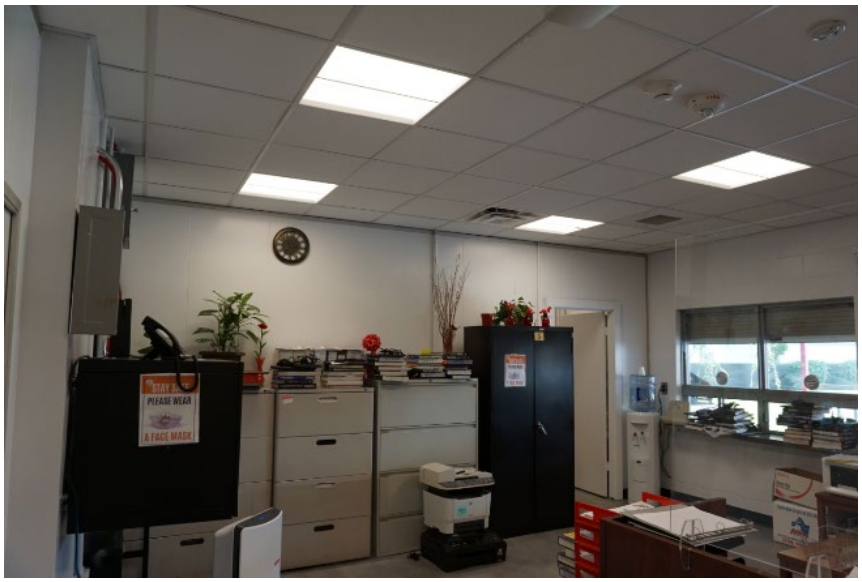
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 29
View of the west elevation of Building A



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 30
View of the south elevation (left) and east elevation (right) at Building A



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 31
Interior view of administrative office at Building A



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 32
Interior view of office at Building A with metal safe

Building A5, Parent Resource Center

Building A5, Parent Resource Center is located in the southwestern portion of the site, adjacent to Building B (**Figures 32 and 33**). According to aerial photographs, the structure was constructed around 1972. Building A5 is one-story in height and has a rectangular footprint, and monolithic massing (**Figure 34**). While there were no original plans on file, and it appears that the building is of brick and stucco construction, and includes a flat roof with composition gravel sheathing which overhangs slightly at the west elevation. The building includes metal slider windows in varying sizes with metal security bars, and two flush metal hollow core doors which are oriented along the west elevation.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 33
View of the north elevation of Building A5



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 34
View of the west elevation (left) and south elevation (right) of Building A5



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 35
View of the south elevation of Building A5

Building B, Classrooms

Building B, Classrooms is located in the southwestern portion of the site. The structure was constructed between 1955 and 1956 as part of the second building campaign designed by Balch Bryan Perkins Hutchason, Architects. The building is similar to Buildings C and L. Building B is one-story in height and is rectangular in footprint with horizontal massing (**Figures 35 and 26**). The building has a slab foundation, and a gently sloping gabled roof which is covered with composition roofing material. The roof includes wood fascia and overhangs over the east and west elevations forming a covered walkway at the east elevation (**Figures 37 and 38**). The building includes stucco siding and contemporary replacement ribbon windows and replacement metal hollow core doors. The rooms face onto the east elevation and are accessible directly from the covered walkway.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 36
View of the north elevation (left) and west elevation (right) at Building B



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 37
View of the west elevation at Building B



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 38
View of the south elevation (left) and east elevation (right) at Building B



SOURCE: ESA 2021

Morningside High School Site Upgrade Project

Figure 39
View of the east elevation (left) at Building B

Building C, Classrooms

Building C, Classrooms is located in the southwestern portion of the site. The structure was constructed between 1955 and 1956 as part of the second building campaign designed by Balch Bryan Perkins Hutchason, Architects, and is similar to Buildings B and L. Building C is one-story in height and is rectangular in footprint with horizontal massing (**Figures 39 and 40**). The building has a slab foundation, and a gently sloping gabled roof clad in composition roofing material. The roof includes wood fascia and overhangs over the north and south elevations forming a covered walkway at the south elevation (**Figure 41**). The building includes stucco siding and contemporary replacement ribbon windows and replacement metal hollow core doors. Classrooms face onto the south elevation and are accessible directly from the covered walkway.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 40
View of the east (left) elevation and the north (right) elevation at Building C



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 41
View of the north elevation at Building C



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 42
View of the south elevation at Building C

Building D, Classrooms and Building E, Library

Building D, Classrooms and Building E, Library, which are connected to one another, is in the southwestern portion of the site (**Figures 42 and 43**). The structure was constructed between 1955 and 1956 as part of the second building campaign designed by Balch Bryan Perkins Hutchason, Architects and houses the library at the northern end and a wing of classrooms at the southern end (**Figure 44**). The library portion is also known as the Mallory L. Matthews Memorial Library (**Figures 45 to 47**). Building E, Library and Building D, Classrooms is one-story in height, and is slightly L-shaped in footprint with horizontal massing (**Figure 48**). The building has a slab foundation and a hipped roof, with Building D's roof sitting lower than Building E's roof. The roof includes wood fascia and overhangs along the elongated sides of the building forming a covered walkway along the northeast and east elevations. The building includes wood framing, stucco siding and contemporary replacement ribbon windows and casement windows and replacement metal hollow core doors. Rooms face onto the northeast and east elevations and are accessible directly from the covered walkway. The building has recently undergone upgrades and includes concrete floors, new acoustical paneling doors and smaller reading rooms (**Figures 49 and 50**). The library retains original bookshelves, cabinetry, and countertops (**Figures 51 and 52**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 43
View of the east elevation (left) and south elevation (right) of Building D



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 44
South elevation (left) and east elevation (right) of Building D



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 45
View of the northeast elevation of Building D (left) and Building E (right), note the roof change distinguishing the two sections



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 46
View of the northeast elevation of Building D (left) and Building E (right)



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 47
View of the northwest elevation (left) and southwest elevation (right) of Building E



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 48
Commemorative plaque outside of Building E commemorating former principal Mallory L. Matthews



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 49
View of the southwest elevation of Building E (left) and west elevation of Building D (right)



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 50
Interior view of library inside of Building E



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 51
Interior view of library inside of Building E



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 52
Interior view of library inside of Building E with original bookshelves



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 53
Interior view of library inside of Building E with original cabinetry and countertops

Building F, Lecture Hall

Building F, Lecture Hall is located in the northwestern portion of the site and is accessed from the main campus entrance along Yukon Avenue South (**Figure 53**). The structure was constructed between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects. Building F is roughly L-shaped in plan and is a one-story double height building that includes two volumes – a lower height volume that serves as a lobby, and a double height volume that includes the lecture hall space (**Figures 54 and 55**). Both volumes have flat roofs with overhanging eaves, while the lecture hall has a sloped roof with a curved fascia board. The building has a slab foundation with concrete columns, with brick walls throughout. The east elevation includes concrete staircase that sits underneath a polygonal-shaped overhang that is supported by pilotis. The building includes limited fenestration and has aluminum frame window assemblies with glass double doors, transoms and sidelites at two entrances located at the east and west elevations. Wood flooring, brick walls, and dropped ceilings are present throughout and the lecture hall space includes sloped flooring, fixed seating and a raised stage (**Figures 56 to 58**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 54
View of the south elevation (left) and east elevation (right) at Building F



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 55
View of the south elevation at Building F



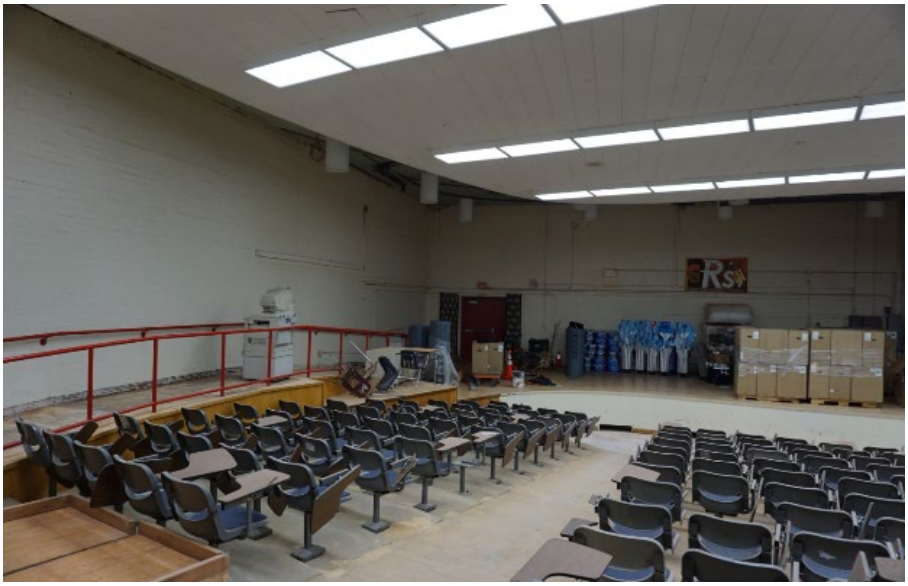
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 56
View of the north elevation at Building F



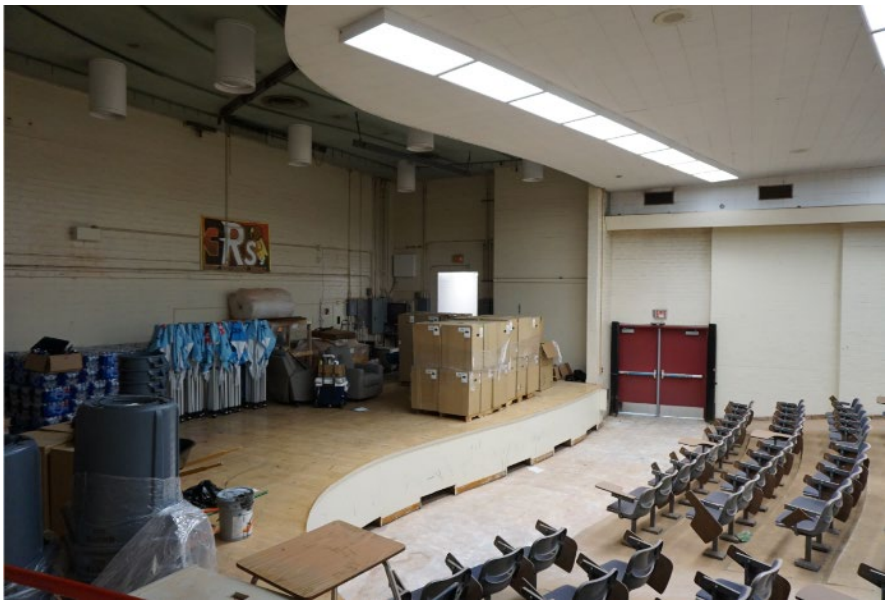
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 57
Interior corridor at Building F, facing Building U



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 58
Interior of lecture hall at Building F



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 59
Interior of lecture hall at Building F

Building G, Music; and Building U, Auditorium

Building G, Music and Building U, Auditorium, which are connected internally to one another, is located in the northwestern portion of site. The structure was constructed between 1955 and 1956 as part of the second building campaign designed by Balch Bryan Perkins Hutchason, Architects. The building has an irregular footprint that is comprised of a polygonal shaped auditorium, with a rectangular extrusion of classrooms that projects northwest. The building sits on a graded portion of the site which accommodates sloped auditorium seating. Building G, Music and Building U, Auditorium has a slab foundation with concrete columns, with brick walls throughout. Each portion has its own roof.

Building G, Music

Building G, Music is a one-story wing of a larger building, which extends northwest from Building U, Auditorium (**Figures 59 and 60**). The wing sits on a graded portion of the site and includes contemporary replacement metal hollow core doors and ribbon windows, while some original steel frame multilite window configurations remain (**Figure 61**). The building includes a gently sloping gabled roof clad in composition roofing material. The roof includes wood fascia with projecting eaves, and overhangs over the northwest and southwest elevations. The overhangs form a covered walkway over classroom entrances along the southwest elevation. At the interior, classroom spaces are stepped for music practice and performance, and include individual practice rooms (**Figures 62 and 63**). The interior has recently been rehabilitated with new linoleum flooring, ceilings, and acoustical wall paneling (**see Figures 68 and 67**).

Building U, Auditorium

Building U, Auditorium includes a double-height lobby and auditorium space, which extends south from Building G, Music. Building U is also known as the Flo Hyman Auditorium, named after an Olympic volleyball player alumna. This portion of the building sits on a graded portion of the site and is windowless in the auditorium portion (**Figure 64**) and includes original aluminum floor-to-ceiling casement window and single lite door assemblies at two distinctive bays which frame either end of the northwest-southeast-oriented lobby (**Figures 65 to 66**). Each lobby entrance includes a set of concrete steps and metal handrails. Additionally, smaller aluminum multilite windows remain. The lobby includes replacement linoleum flooring and original wood frame display cases (**Figure 67**). The auditorium space includes the original seating configuration, two sets of wood staircases leading to a wood stage, and a wood proscenium (**Figures 70 to 74**). Original stage curtain mechanical equipment remains.



SOURCE: ESA 2021

Morningside High School Site Upgrade Project

Figure 60
View of connection between Building G (left) and Building U (right), view facing east



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 61
View of the northeast elevation of Building G (right)



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 62
View of northeast elevation (left) and northwest elevation (right) at Building G



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 63
View of the northeast elevation of Building U (left) and Building G (right), with remanent original multi lite windows toward center



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 64
View of northeast elevation of Building U



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 65
View of southern elevation of Building U



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 66
View of northwestern elevation of Building U



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 67
View of connection between Building G (left) and Building U (right)



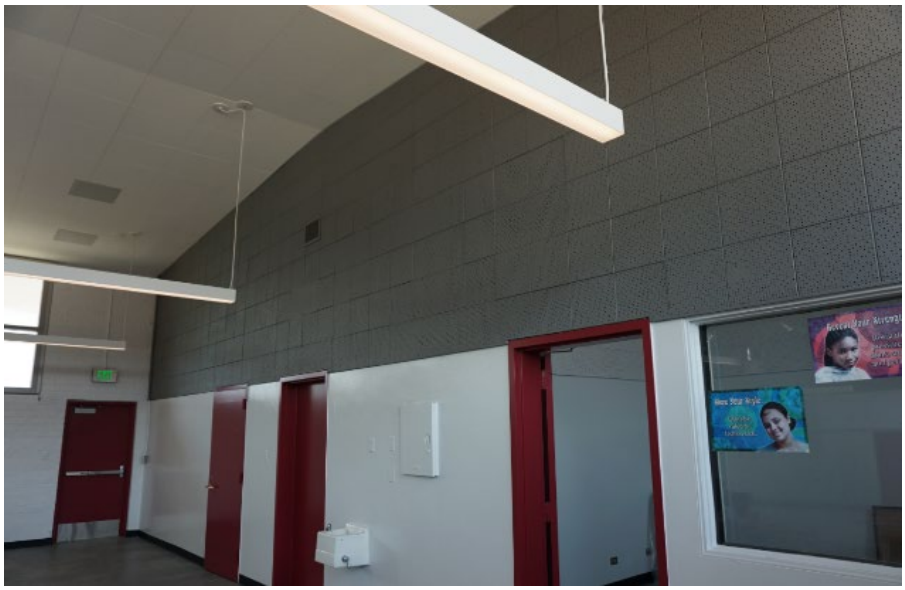
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 68
View of connection between Building G (left) and Building U (right)



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 69
Interior of music room in Building G with stepped flooring



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 70
Interior of music room in Building G with individual practice rooms



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 71
Interior of double-height lobby with original window assemblies



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 72
Interior of lobby hallway at Building U with original wood framed display case



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 73
Interior of auditorium space with original seating



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 74
Close up of stage with original staircases and proscenium



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 75
Interior view of house at Building U with original seating configuration

Building H, Transportation

Building H, Transportation is located in the northern portion of the site. The structure was constructed between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects (**Figure 75**). The building was originally used as a shop building and included a woodworking area and a general shop as originally designed. A small, rectangular northwestern-most portion of the building is an addition, constructed between 1955 and 1956 as designed by Ralph C. Flewelling and Walter L. Moody Architects, which extended internal shop space (**Figure 76**). The building is presently used to service and repair Inglewood Unified School District school buses. Building H includes brick construction and a slab foundation. The roof is generally flat with a gentle sloping gable which is oriented northwest and southeast. Generous eaves and angular fascia board extend from the roof and form overhangs along the southwest and southeast elevations (**Figures 77 and 78**). A vertical wood louvered screen sits at the southeast facade, which is attached to a brick retaining wall that leads to a set of concrete steps (**Figure 79**). Original steel frame multilite window are present throughout the building, along with rollup garage doors, and flush panel metal hollow core doors. Smaller brick and wood frame storage additions sit at the eastern and western ends (**see Figures 75 and 76)**. The interior of Building H includes space for employees, cranes, and painted brick walls and is industrial in character (**Figures 81 and 82**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 76
View of the northern elevations at original portion of Building H



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 77
View of the northeast elevation of Building H, with 1956 addition at right



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 78
View of the southwest elevation of Building H



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 79
View of the northwest elevation (left) and southwest elevation (right), which includes the 1956 addition at Building H



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 80
View of the southeast facade at Building H with wood louvers and brick retaining wall



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 81
Detail of east facade at Building H with original aluminum multilite windows and concrete steps



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 82
Interior view of repair shop at Building H



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 83
Interior view of repair shop at Building H

Building I, Classrooms

Building I, Classrooms is located in the northeastern portion of the site. The structure was constructed in between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects (**Figure 83**). Building I is similar in design to Buildings J, K, and T, which were also constructed between 1950 and 1951. Building I includes brick construction and a slab foundation, with brick planters along the northeast elevation. Its butterfly roof appears generally flat and is oriented northwest and southeast. Generous eaves with an angular fascia board extend from the roof and form overhangs along the northeast and southwest elevations (**Figure 84**). Original floor-to-ceiling steel frame ribbon window assemblies are present along the northeastern elevation, along with steel frame ribbon window assemblies as transoms along the southwestern elevation. The southwestern elevation also includes flush panel metal hollow core doors that lead to the classrooms and restrooms directly off of the covered walkway. The northwestern portion includes a wood-sided addition, similar to a portable (**Figure 85**). The interior of Building I includes acoustical ceiling tiles, linoleum flooring, and painted brick walls (**Figures 86 and 87**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 84
View of the southeast facade at Building I



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 85
View of the northeast elevation of Building I



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 86
View of the northwest elevation of Building I



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 87
Interior view of classroom at Building I



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 88
Interior view of classroom at Building I

Building J, Classrooms

Building J, Classrooms is located in the northeastern portion of the site. The structure was constructed in between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects (**Figure 88**). Building J is similar in design to Buildings I, K, and T, which were also constructed between 1950 and 1951. Building J includes brick construction and a slab foundation, with brick planters along the northeast elevation. Its butterfly roof appears generally flat and is oriented northwest and southeast. Generous eaves with an angular fascia board extend from the roof and form an overhang along the southwest elevation (**Figures 89 and 90**). Original floor-to-ceiling steel frame ribbon window assemblies are present along the northeastern elevation, along with smaller steel frame ribbon window assemblies as transoms along the southwestern elevation. The southwestern elevation also includes flush panel metal hollow core doors that lead to the classrooms and restrooms directly off of the covered walkway. The interior of Building I includes acoustical ceiling tiles, carpeted flooring, and painted brick walls (**Figures 91 and 92**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 89
View of the south facade (left) and east elevation (right) at Building J



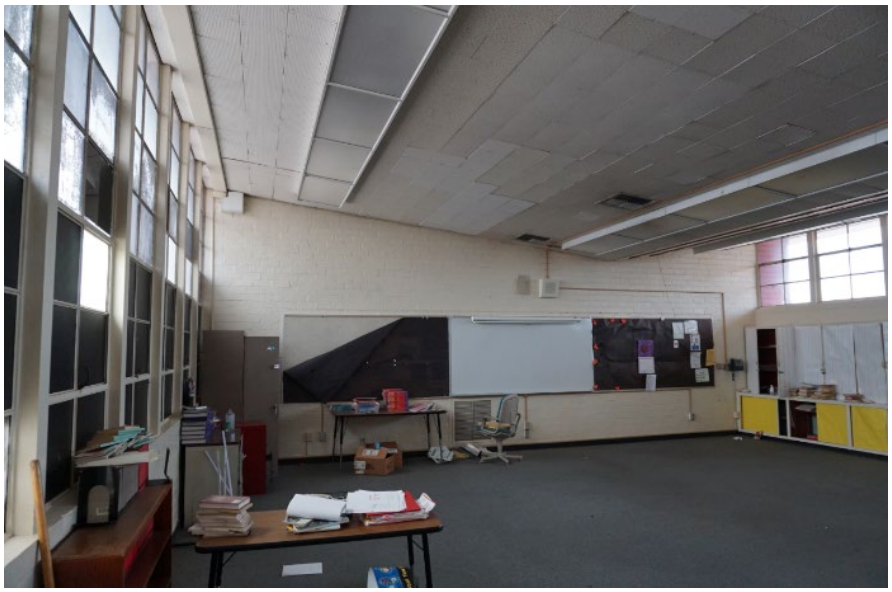
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 90
View of the north elevation at Building J



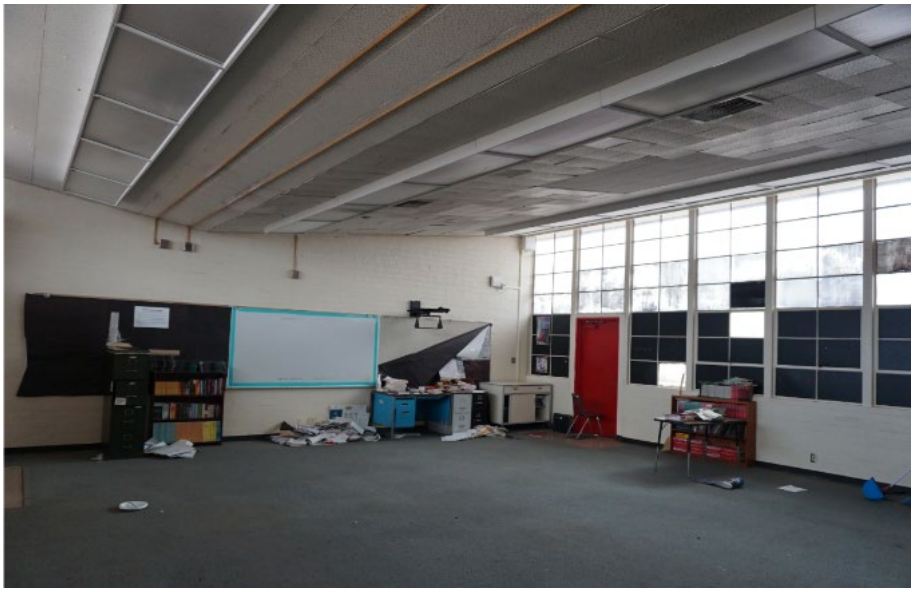
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 91
View of the south elevation (right) at Building J



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 92
Interior view of classroom at Building J



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 93
Interior view of classroom at Building J

Building K, Classrooms

Building K, Classrooms is located in the northeastern portion of the site (**Figure 93**). The structure was constructed between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects. The building was originally used for home economics classes. Building K is similar in design to Buildings I, J, and T, which were also constructed between 1950 and 1951 . Building K includes brick construction and a slab foundation, with brick planters along the northeast elevation (**Figure 94**). Its butterfly roof appears generally flat and is oriented northwest and southeast. Generous eaves with an angular fascia board extend from the roof and form an overhang along the southwest elevation (**Figure 95**). Original floor-to-ceiling steel frame ribbon window assemblies are present along the northeastern elevation, along with smaller steel frame ribbon window assemblies as transoms along the southwestern elevation. The southwestern elevation also includes flush panel metal hollow core doors that lead to the classrooms and restrooms directly off of the covered walkway.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 94
View of the northeast elevation of Building K



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 95
View of the north elevation (right) and east elevation (left) of Building K



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 96
View of the south elevation at Building K

Building L, Arts & Crafts

Building L, Classrooms is located in the central portion of the site. The structure was constructed between 1955 and 1956 as part of the second building campaign, designed by Balch Bryan Perkins Hutchason, Architects. The building was originally used for arts and crafts classes. The building is similar to Buildings B and C. Building L is one-story in height and is rectangular in footprint with horizontal massing (**Figures 96 and 97**). The building has a slab foundation, and a gently sloping gabled roof which is clad in composition roofing material. The roof includes wood fascia and overhangs over the northeast and southwest elevations forming a covered walkway at the southwest elevation (**Figures 98 and 99**). The building includes stucco siding and aluminum metal frames which are currently boarded up, along with all door openings. The rooms face onto the southwest elevation and are accessible directly from the covered walkway.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 97
View of the southeast elevation (left) and northeast elevation (right) at Building L



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 98
View of the northeast elevation at Building L



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 99
View of southwest elevation at Building L



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 100
View of northwest elevation at Building L

Building M, Boys Locker

Building M, Boys Locker is located in the eastern portion of the site (**Figure 100**). The northern portion of the structure was constructed between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects. The southern portion of the structure was added on in 1956 as part of the second building campaign, designed by Balch Bryan Perkins Hutchason, Architects (**Figure 101**). Building M is a one-story in height brick structure which is generally square in footprint. The original portion of the building resembles Buildings B, C, and L in its gently sloping gabled roof, which include wood fascia and overhangs forming a covered walkway along the southwestern elevation (**Figure 102**). The addition to the building sits at the northern elevation and extends the sloping roof form. The building includes original multilite aluminum windows and flush panel metal hollow core doors.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 101
View of the north elevation of Building M



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 102
View of the west elevation of Building M, with the original portion at right and the addition at left



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 103
View of the south elevation of Building M which includes an original overhang

Building N, Gymnasium and Pool

Building N, Gymnasium and Pool is located in the southeastern portion of the site (**Figure 103**). The structure was constructed between 1955 and 1956 as part of the second building campaign, designed by Balch Bryan Perkins Hutchason, Architects. The building includes signage indicating, "Bennis S. Albright, Michael Van Woy Memorial Gym" (**Figure 104**). The building is rectangular in footprint and includes a slab foundation, concrete columns, steel beams, and brick walls throughout. Building N is comprised of two volumes, a one-story lobby volume that includes a low-pitched front facing gabled roof, and a larger double-height volume that includes a basketball court gymnasium and a swimming pool with a low-pitched gabled roof and wide eaves and exposed steel beams. The lobby volume includes original multilite ribbon windows, and casement transom windows above a pair of flush panel doors, that sit recessed in the western elevation. Large rollup garage doors sit along the north elevation, and a wood-sided shed roof extends from this elevation as well (**Figures 105 and 106**). New contemporary casement windows were being added into the eastern wall at the time of the site visit (**Figures 107 and 108**). The lobby volume interior includes contemporary laminate flooring and original wood frame display cases (**Figure 109**). A plaque at the interior indicates that the Dennis S. Albright and Michael Van Woy Memorial Gym was dedicated by students in 1976 (**Figure 110**). The western portion of the double-height volume at Building N includes a basketball court and gymnasium space with wood floors and wood retractable seating (**Figure 111**). The eastern portion of the double-height volume includes a subsurface swimming pool with stadium seating above which was undergoing renovations at the time of the site visit (**Figure 112**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 104
View of the west facade of Building N



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 105
View of the north elevation at Building N with Building M in the foreground



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 106
View of the shed addition at the north elevation of Building N



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 107
View of the south elevation (left) and east elevation (right) with window replacement at Building N



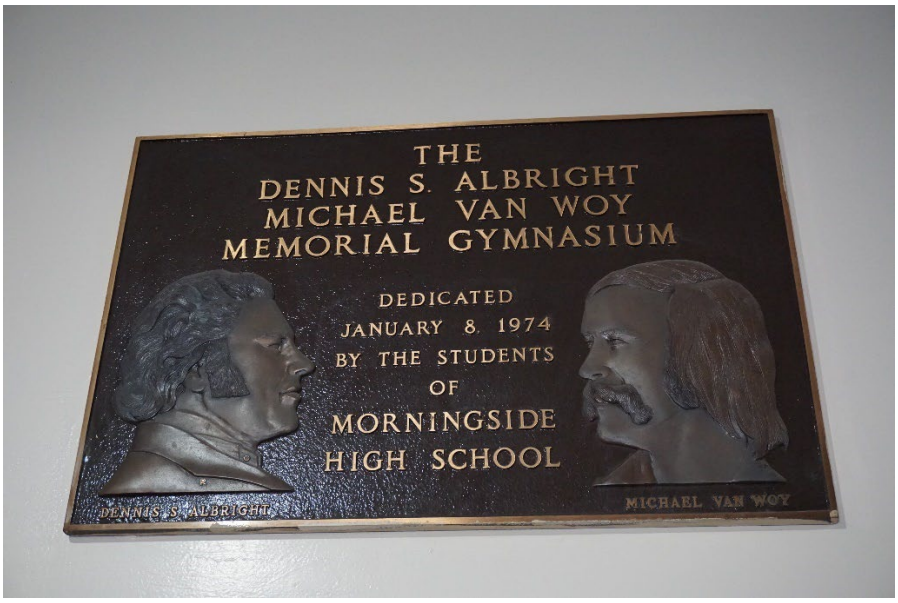
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 108
View of the east elevation with window replacement at the pool portion of Building N



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 109
Interior view of lobby volume at Building N with original wood trophy cases



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 110
Dedication plaque at interior of Building N lobby



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 111
Interior view of double height volume with basketball court with retractable wood seating



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 112
Interior view of double height volume with pool and seating in Building N



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 113
Interior view of double height volume with pool with new windows under construction in Building N

Building Q, Girls Locker

Building Q, Girls Locker is located in the southeastern portion of the site (**Figure 113**). The southern portion of the structure was constructed between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects. The northern portion of the structure was added on in 1956 as part of the second building campaign, designed by Balch Bryan Perkins Hutchason, Architects (**Figure 114**). Building Q is a one-story in height brick structure which is generally square in footprint. The original portion of the building resembles Buildings B, C, and L in its gently sloping gabled roof, which include wood fascia and overhangs and forma generous covered walkway along the northeastern elevation (**see Figure 115**). The addition to the building sits at the southern elevation and extends the sloping roof form. The building includes original multilite aluminum windows and flush panel metal hollow core doors. At the interior, casement benches and metal lockers, along with tiled showers comprise the locker room (**Figure 116**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 114
View of the north elevation at Building Q



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 115
View of the south elevation (left) and east elevation (right) at Building Q



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 116
Interior view of the girls locker room in Building Q

Building R, Cafeteria

Building R, Cafeteria is located in the central portion of the site (**Figure 117**). The structure was constructed between 1955 and 1956 as part of the second building campaign, designed by Balch Bryan Perkins Hutchason, Architects. Building R is roughly C-shaped and includes a central double-height portion which houses the cafeteria, with two one-story flanking wings that house a circle theatre and a student store at the north and the kitchen at the south (**Figures 118 to 119**). The building includes a slab foundation, concrete columns, steel beams, and brick walls throughout. There are three different rooflines at Building R, with the two flanking wings having gently gabled roofs, while the central volume has a sloped roof which is supported by concrete columns, delineating three bays at the cafeteria. Contemporary casement windows and ribbon window assemblies are found throughout out the building, along with flush metal hollow core doors. At the interior, there is contemporary linoleum and acoustical ceiling tiles, with painted brick walls (**Figures 120 to 122**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 117
View of the east facade at Building R



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 118
View of the northeast elevation (left) and the northwest elevation (right) at Building R



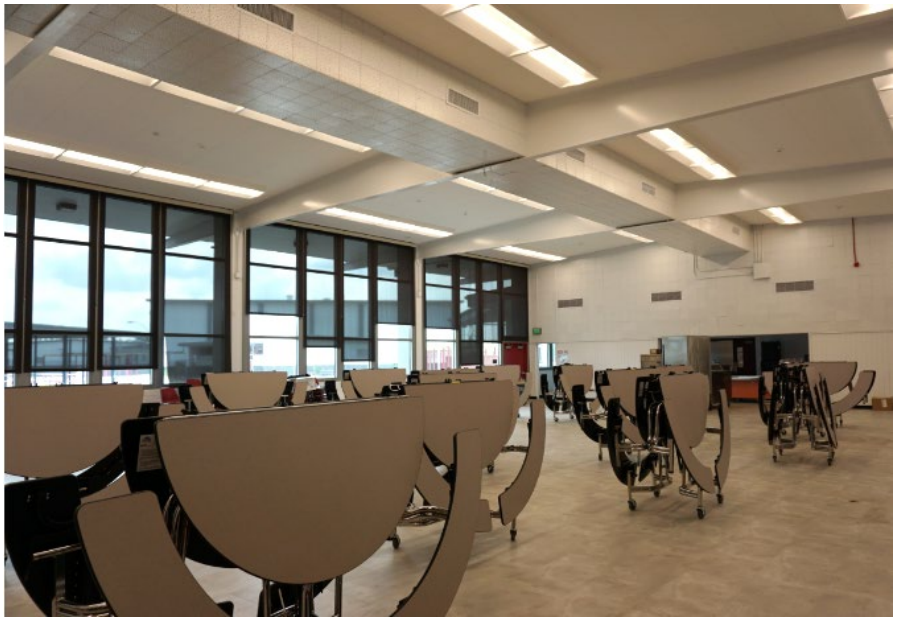
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 119
View of the northeast elevation at Building R



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 120
View of the east facade at Building R



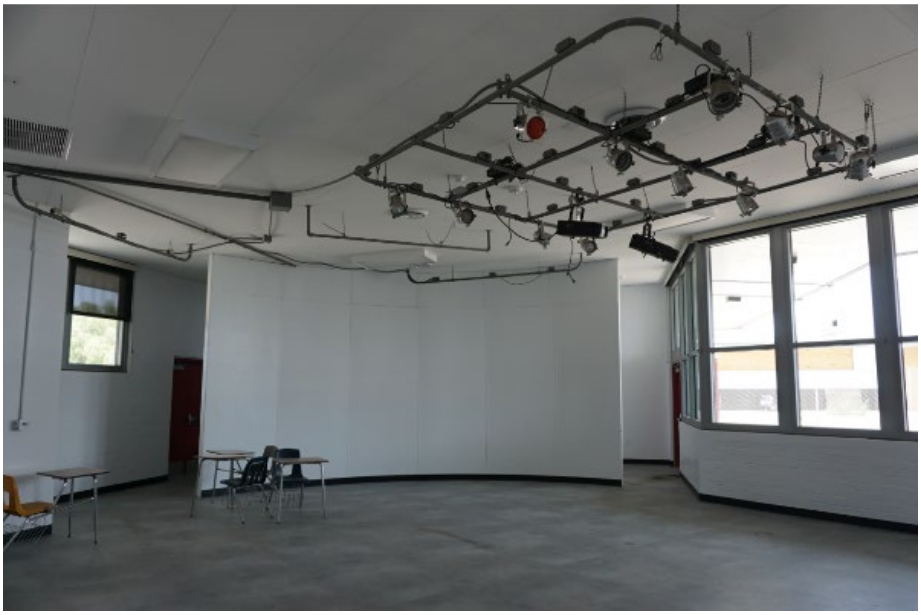
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 121
Interior view of cafeteria at Building R



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 122
Interior view of kitchen area at Building R



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 123
Interior view of circle theatre in Building R

Building S, Science Classrooms

Building S, Science Classrooms is located in the southern portion of the site (**Figure 123**). The structure was constructed between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects. The only two-story classroom building on campus, Building S was designed for science classes. The building is rectangular in footprint and is generally monolithic in its massing. Despite the additional story, Building S is similar in design to Buildings I, J, and K, which were also constructed between 1950 and 1951, yet like building T, Building S has recently undergone upgrade modifications. Its butterfly roof appears generally flat and is oriented east and west. Generous eaves with an angular fascia board extend from the roof and form overhangs along the south elevation which are supported by rounded pilotis (**Figure 124**). Two covered exterior staircases are located along the south elevation, along with contemporary replacement railing at the second-floor exterior walkway. Replacement contemporary floor-to-ceiling ribbon window assemblies are present along the north elevation (**Figure 124**), along with smaller contemporary ribbon window assemblies as transoms along the south elevation. The south elevation includes contemporary flush panel metal hollow core doors that lead to the classrooms and restrooms directly off the covered walkway. The interior of Building S includes new acoustical ceiling tiles, new linoleum flooring, and original wood desks, draws, and cabinetry (**Figures 126 and 127**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 124
View of the south elevation of Building S



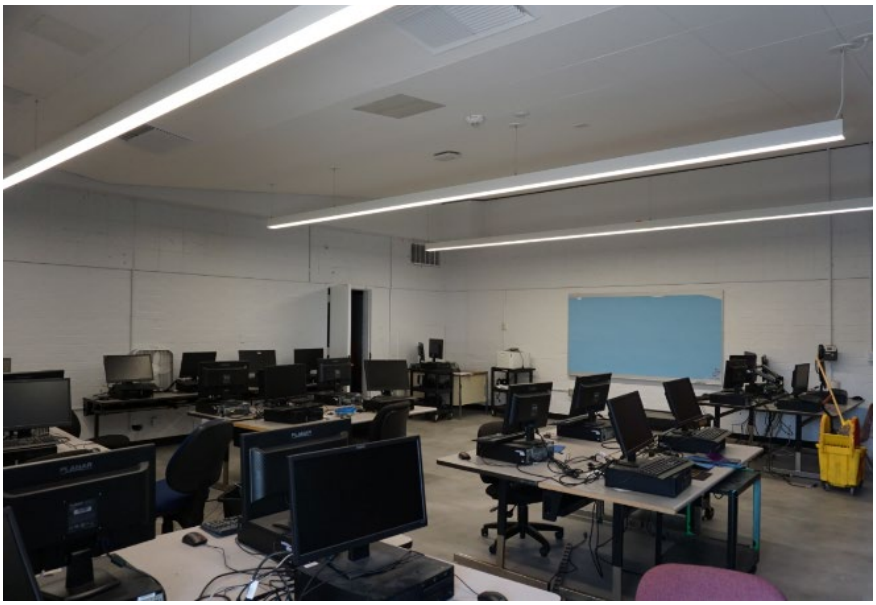
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 125
View of the south elevation at Building S



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 126
View of the north elevation at Building S



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 127
Interior view of classroom at Building S



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 128
Interior view of classroom at Building S with original wood cabinetry and counters

Building T, Classrooms

Building T, Classrooms is located in the southern portion of the site (**Figure 128**). The structure was constructed between 1950 and 1951 as part of the first building campaign, designed by Ralph C. Flewelling and Walter L. Moody Architects. Building T is similar in design to Buildings I, J, and K, which were also constructed between 1950 and 1951, yet building T has recently undergone upgrade modifications. Building T includes brick construction and a slab foundation, with brick planters, brick piers that distinguish three bays, and flush metal hollow core doors along the north elevation. Its butterfly roof appears generally flat and is oriented east and west. Generous eaves with an angular fascia board extend from the roof and form an overhang along the south elevation (**Figures 129 and 130**). Original floor-to-ceiling steel frame ribbon window assemblies are present along the north elevation, along with smaller steel frame ribbon window assemblies as transoms along the south elevation. The south elevation also includes flush panel metal hollow core doors that lead to the classrooms and restrooms directly off of the covered walkway. The interior of Building T includes contemporary acoustical ceiling tiles, carpeted flooring, and painted brick walls (**Figures 131 and 132**).



SOURCE: ESA 2021

Morningside High School Site Upgrade Project

Figure 129
View of the east elevation (left) and north elevation (right) at Building T



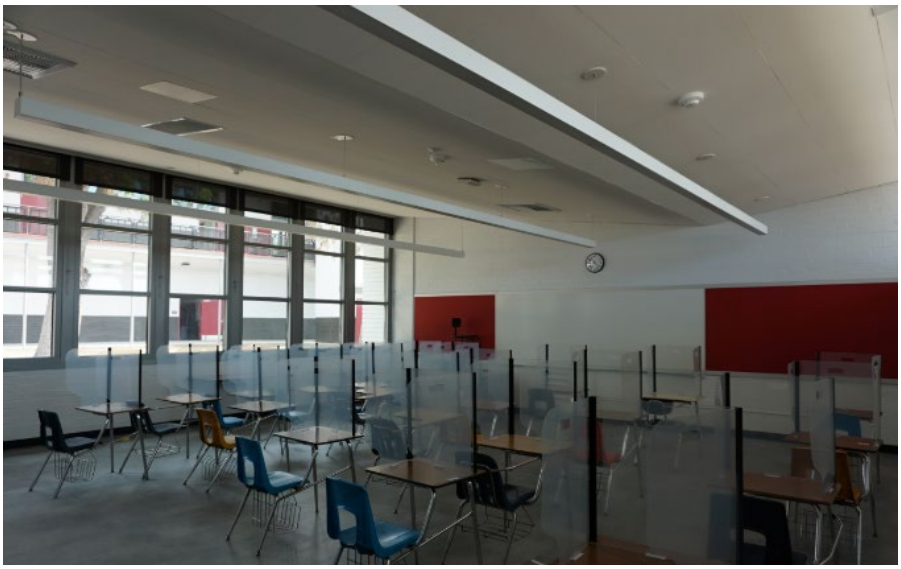
SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 130
Detail of the north elevation at Building T



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 131
View of the north elevation at Building T



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 132
Interior view of classroom at Building T



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 133
Interior view of classroom at Building T

Building V, Classrooms

Building V, Classrooms is located in the northeastern portion of the site (**Figure 133**). According to aerial photographs and plans for nearby Building W, Building V was constructed around 1961. Built roughly five years after Buildings B, C, and L, which were part of a larger building campaign, Building V shares several characteristics with the aforementioned buildings, including its one-story height, rectangular footprint, and an elongated, horizontal massing. The building has a slab foundation, wood gabled ends at the north and south elevations, with stucco along the north and south elevations. The gabled roofline is gently sloping gabled which clad in composition roofing material. The roof includes wood fascia and overhangs over the north and south elevations forming a covered walkway at the south elevation (**Figure 134**). Building V includes original ribbons of steel casement windows, many of which have been painted over. There are single flush panel doors along the south elevation, each of which has a concrete landing and/or concrete stairs. Similar to Building W, the building appears to have been constructed as a portable structure. The interior includes linoleum flooring, acoustical ceiling tiles, and gypsum walls (**Figure 135**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 134
View of the north elevation at Building V



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 135
View of the south elevation at Building V



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 136
Interior view of classroom at Building V

Building W, Classrooms

Building W, Classrooms is located in the northeastern portion of the site (**Figure 136**). According to aerial photographs and original plans, the structure was constructed in 1961 as a portable building addition designed by architect H. L. Gogerty, F.A.I.A. Built roughly five years after Buildings B, C, and L, which were part of a larger building campaign, Building W shares several characteristics with the aforementioned buildings, including its one-story height, rectangular footprint, and an elongated, horizontal massing. The building has a slab foundation, wood gabled ends at the north and south elevations, with stucco along the north and south elevations. The gabled roofline is gently sloping gabled which clad in composition roofing material. The roof includes wood fascia and overhangs over the north and south elevations forming a covered walkway at the south elevation (**Figure 137**). Building V includes original ribbons of steel casement windows, many of which have been painted over. There are single flush panel doors along the south elevation, each of which has a concrete landing and/or concrete stairs. Nearby Building V appears to have been constructed at the same time as Building W. The interior includes linoleum flooring, acoustical ceiling tiles, and gypsum walls (**Figure 138**).



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 137
View of the north elevation of Building W, view southeast



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 138
View of the south elevation of Building W, view northeast



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 139
Interior classroom at Building W

Building W5, Portable

Building W5, Portable is located in the northeastern portion of the site (**Figure 139**). According to aerial photographs, the structure was constructed between 2005 and 2009, and is therefore a contemporary building.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 140
View of the west elevation of Building W5

Buildings X, Y, and Z, Portables

Building X, Y, and Z are portable structures located in the southwestern portion of the site (**Figures 140 to 142**). According to aerial photographs, Building X was constructed in 1992, and Buildings Y and Z were constructed in 2004, and are therefore contemporary buildings.



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 141
View of the south elevation of Building X



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 142
View of the north elevation of Building Y



SOURCE: ESA 2021 Morningside High School Site Upgrade Project

Figure 143
View of the north elevation of Building Z

Eligibility Assessment

In order to qualify for eligibility, Morningside HS must possess significance under one or more of the applicable National Register and California Register criteria and retain sufficient integrity to convey its historical significance.

Significance Evaluation

ESA evaluated the Morningside HS campus, with its 26 structures and the associated campus landscape for potential eligibility for listing in the National Register and California Register as a

potential historic district. Morningside HS was evaluated against the following historical and architectural themes: (1) History of Inglewood: Settlement, Development and Growth (1822–present), (2) Inglewood Unified School District: Early History, Establishment and Expansion (1905–present), (3) Mid-Century Modernism/Regional Modernism (1945–1960): Postwar Modern Functionalist School Plants, and (4) African American Migration Patterns/Communities of South Los Angeles and Inglewood, and Integration at Morningside High School (1962–1969). The period of significance for the potential district is 1950–1956 for its architectural significance and 1962–1969 for its association with significant patterns of history and historic events.

Morningside HS Campus

Criterion A/1: Events

Construction on Morningside HS campus in Inglewood began in 1950 during a period of immense population growth and relocation in southern California and across the country following the end of World War II. The school, which totaled about 20 buildings, was built in two building campaigns, yet shortly after construction additional classroom portable buildings were required in order to keep up with the growing student population. While classroom construction was underway, several fall semesters began by utilizing large canvas tents and other larger lecture hall and auditorium spaces as overflow classrooms on several occasions in the 1950s. Much of the campus as it is recognized today was constructed by the end of the second building campaign which was complete by 1956.

Morningside HS was the site of significant integration challenges related to school integration, as initiatives to ease racial tensions and promote ethnic diversity were undertaken by student-led groups, school teachers and administers, and the District. Nationally, discriminatory housing policies that promoted redlining were deemed illegal in the early 1960s. The lifting of these policies and regulations allowed Black families to move to different parts of previously all-White Inglewood. In 1962, the first three Black students enrolled at Morningside HS. The school's racial demographics changed quickly in the subsequent years, as White neighbors in Morningside Park Neighborhood began to leave in large numbers while the Watts riots of 1965 motivated middle-class Blacks to move further west to lay down community roots. Morningside HS student-led groups, teacher-initiated efforts, and Inglewood Unified District officials discussed and debated the impacts of racial tension and ethnic assimilation which were widely documented in newspapers in the mid-1960s. These efforts relay a sense of tension and urgency to address the inequalities and stressors that integration while increasing diversity brought about at Morningside HS. By 1967, Black Inglewood residents were nearly all living in the Morningside Park neighborhood, adjacent to campus. The development of the Black Student Union at Morningside HS in 1969, which was open to students of all ethnicities, signaled the school and the District's willingness to allow students to have a permanent platform – not just as a one-off forum or focused study – but a definite organized group in which sensitive issues and topics related to easing racial tension and understanding could be discussed among students, empowering them to organize and attempt to resolve their own race-related issues and misunderstandings together. As such, the Morningside HS campus appears to be eligible for listing under National Register Criteria A and California Register Criteria 1 for historic patterns of development in the City of Inglewood and for its historic association with California's history of public-school integration

during the Civil Rights era, as a site of significant integration initiatives, challenges and community activities related to school integration in Inglewood.

Morningside HS was the site of at least one congressional subcommittee of the U.S. House of Representatives hearing to discuss and study the noise problems on campus, which took place in 1960. According to a newspaper article, the disruption from airplane noise over the campus lead to the country's first congressional hearing on the subject. Twelve years later, California Senator Alan Cranston announced his intention to present a bill to congress, the Cranston's Bill, which proposed to cut noise from commercial aircraft by retrofitting jet engines with sound proofing materials. It appears that the Airport Authority, and LAX subsequently provided monetary compensation to retrofit school buildings in the District for sound attenuation projects, however it is unclear if the Cranston Bill was ever passed into law. As such, the congressional hearing that occurred as a result of the jet plane noise on the Morningside HS campus does not rise to a level of significance at the National or State level for eligibility under Criterion A/1 for its association with congressional hearings related to jet noise.

A singular event that occurred at the Morningside HS campus included a Polio immunization clinic sponsored by the Los Angeles County Medical Association, Inglewood Council PTA, and the Inglewood Unified School District in 1961.[168] Polio clinics would have been occurring all over the country during this period, and Morningside HS being a single host site to immunize local Inglewood residents does not rise to a level of significance at the National or State level for eligibility under Criterion A/1 for singular events.

According to newspaper articles, the campus was considered for oil drilling as a means of additional income for the District, beginning as early as the 1960s through as recently as the 2000s. While it is unclear what the results of exploratory oil drilling on the campus were, it does not appear that exploratory drilling would qualify as a significant event at the National or State level for eligibility under Criterion A/1 for its association with speculative oil drilling.[169]

Building U, Auditorium, constructed between 1955 and 1956 hosted several school and community events, some of which were one-offs and some reoccurring throughout the years. Early examples of events in the 1950s through to the 1970s included the Regional Band and Orchestra Festival, State Band and Orchestra Association, West Los Angeles County Musical Festival, Town Hall meetings, televised Miss Los Angeles County pageants, and other local events.[170] It does not appear that any of these events at Building U, Auditorium would qualify as

168 "Polio clinic set at Morningside high school," *Southwest Topics-Wave*, April 30, 1961.

169 "Oil Feud," *The Los Angeles Times*, June 8, 1962.

170 "Azusa H.S. Band Rated 'Superior'," *Daily News-Post and Monrovia News-Post*, May 1, 1957; "Selected as Judges For Music Festival," *The San Bernardino County Sun*, March 28, 1958; "Knight Will Lead Panel at Town Hall," *The Los Angeles Times*, January 3, 1960; "Beauty pagent [sic.] finals planned," *Southwest Topics-Wave*, April 9, 1961; and "Special Sight," *Daily News-Post*, March 19, 1963.

a significant event at the National or State level for eligibility under Criterion A/1 for its association.

Criterion B/2: Significant Persons

Over the course of the school's 72-year history, several alumni of Morningside HS have emerged as significant figures in their professional vocations. Most notably are athletes, including Flo Hyman, for whom Building U, Auditorium was renamed for after her passing; Lisa Leslie, Los Angeles Sparks (Women National Basketball Association, WNBA) basketball player; and Byron Scott Los Angeles Lakers (National Basketball Association, NBA) basketball player. Ralph Johnson, singer, songwriter, musician and producer, who is most well-known as the percussionist for Earth, Wind & Fire graduated from Morningside HS, however, his productive life is not associated with the school, as his accomplishments and the overall arc of his career have occurred after he graduated. Additionally, John Arrillaga, Silicon Valley real estate developer and philanthropist; and Jackie Goldberg, politician and LAUSD board member, have been successful Morningside HS alumni in their respective fields.

As discussed above, Leslie is a decorated former basketball player with many accolades in the sport to her name. She was an exceptional player when she played for Morningside HS in the 1980s, and only continued her athletic trajectory in the years that followed, attaining four Olympic gold medals, multiple MVP awards, and being inducted into two Halls of Fame. Shortly after beginning her career with the Los Angeles Sparks team, she dedicated her namesake sports complex to the Morningside HS campus, in 1998. As an athlete, Leslie is considered to be one of the greatest of all time in her field. While it appears that Leslie is a significant person associated with the Morningside HS campus as she began her career there, her productive life is not associated with the school, these accomplishments and the overall arc of her career have occurred after she graduated within the past 45 years, and as such, do not meet the California State Office of Historic Preservation's age threshold guideline for California Register listing consideration, and also do not meet the National Park Service's age threshold requirement – which is longer – of 50 years.

As such, Morningside HS does not appear to satisfy National Register Criteria B or California Register Criteria 2 for eligibility related to a historic personage. Morningside HS is further not identified with the productive life of significant individual District teachers, principals, administrators, or any other persons important in our past.

Criterion C/3: Design/Construction

While the Morningside HS campus was constructed in two building campaigns (1950–1951 and 1955–1956), both campaigns fall within the period of significance for the Mid-Century Modernism/Regional Modernism context, 1945–1960.

The campus is an intact example of a Postwar Modern Functionalist School Plant and falls within the period of significance for the architectural theme. While the campus was constructed in two building campaigns (1950–1951 and 1955–1956), it is clear from a review of aerial photographs and site plans that the campus was designed under a master plan. While the master plan was not located, the completion of the second building campaign included the construction of several key

buildings that were placed in between classroom buildings that were constructed as part of the first building campaign, including Buildings Building E, Library; Building N, Gymnasium and Pool; Building R, Cafeteria and Circle Theatre; and Building U, Auditorium, which are each oriented either to a main entrance point, or to other buildings indicating that circulation and movement of students, teachers, administrators, and the public was considered during the design of the campus plant. Morningside HS is expressive of a clusterplan Functionalist school plant due to the orientation previously mentioned. Ample outdoors spaces, sheltered corridors, and a decentralized overall plan are some of its distinctive characteristics. The campus was built quickly during both building campaigns, with emphasis on campaign completion before the beginning of the school years, in order to aptly accommodate the large volume of enrolled students. As such, the campus is reflective of an intact Mid-Century Modern, Postwar Modern Functionalist School Plant.

Further to this, 16 of the 24 buildings on the Morningside HS campus, and its landscape features including its covered walkways, brick planters, football and baseball fields, were constructed during the campus' period of significance for architecture. These 16 buildings were designed by prominent Los Angeles area architects Ralph C. Flewelling and Walter L. Moody in 1950–1951, and by Balch Bryan Perkins Hutchason, Architects in 1955–1956. The 16 buildings associated with the two early Mid-Century modern building campaigns are included in **Table 4** above.

The seven extant buildings constructed as part of the first building campaign, including Building F, Lecture Hall; Building H, Transportation; Building I, Classrooms; Building J, Classrooms; Building K, Classrooms; Building S, Science Classrooms, and Building T, Classrooms, were constructed between 1950 and 1951 to designs by Ralph C. Flewelling and Walter L. Moody Architects. These buildings are notable modest in their design, comprised of mostly elongated classroom buildings as compared to the buildings that comprise the second building campaign. The eleven extant buildings as part of the second building campaign, including Building B, Classrooms; Building C, Classrooms; Building E, Classrooms; Building E, Library; Building G, Music; Building L, Arts & Crafts; Building M, Boys Locker; Building N, Gymnasium and Pool; Building Q, Girls Locker; Building R, Cafeteria and Circle Theatre; and Building U, Auditorium, were designed by Balch Bryan Perkins Hutchason, Architects. The grouping of buildings constructed as part of the second building campaign included classrooms in addition to more prominent buildings, such as Building U, Auditorium; Building N, Gymnasium and Pool' and Building R, Cafeteria and Circle Theatre, which each include more stylized elements of the Mid-Century Modern style as designed by Balch Bryan Perkins Hutchason, Architects, who were designing other campuses and master plans at the time.

These 16 buildings and their related site features, including the associated landscape with covered walkways and playing fields, represent the distinguishable architectural identity of Morningside HS from 1950 to 1955, that would otherwise individually would lack distinction. The collection of buildings and site features appear to be eligible as a historic district under California Register Criterion 3, as being reflective of distinctive southern California public school architecture from the post-World War II area articulated in the Mid-Century Style and for their strong association with two prominent Los Angeles-area notable architects. As an intact example of its style and type, Morningside HS appears to be eligible for listing on the National Register of Historic Places

under Criterion C at the state and local level of significance, and the California Register of Historical Resources under Criterion 3.

Criterion D/4: Data Potential

Morningside HS is not likely to yield any information important to prehistory or history. Therefore, Morningside HS does not meet the above criterion.

Integrity Analysis

The National Register and California Register recognizes a property's integrity through seven aspects or qualities: location, design, setting, materials, workmanship, feeling, and association. Eligible properties should retain several, if not most, of these aspects. Both registers require that a resource retain sufficient integrity to convey its significance, and the property must retain the essential physical features that enable it to convey its historical identity. Integrity is based on significance and understanding why a property is important. National Register Bulletin 15 states that "only after significance is fully established can you proceed to the issue of integrity."[171] Morningside HS has been identified as a historic district significant under National Register Criteria A and California Register Criteria 1 for its historical association with the patterns of development in the City of Inglewood, and for its historical association with California's history of public school integration. Based upon these significance findings, a secondary period of significance ranges from 1962 to 1969, which references the general period of racial integration at Morningside HS.

The school campus has also been identified as a historic district under the National Register Criteria C and California Register Criteria 3 for its embodiment of the Mid-Century Modern style as applied to a clusterplan Postwar Modern Functionalist School Plant, and for its association with notable architects Ralph C. Flewelling and Walter L. Moody, and by Balch Bryan Perkins Hutchason, Architects. Based upon these significance findings, the primary period of significance ranges from 1950 to 1965, during which time the first and second building construction campaigns were completed.

The grouping of 16 historic-period buildings remains the same, and the property has not been relocated. The property retains integrity of location. The school continues to express the aesthetic and historic feeling of a Mid-Century Modern clusterplan campus, constructed two building campaigns spanning from 1950 through to 1965, including its recreation fields and paved covered pathways. The buildings have undergone minor upgrades, per requirements for compliance with safety and access over time including replacements of surface materials that have outlived their reasonable service life, as would be expected with high-wear environments. Portions of the campus have recently undergone building upgrades, which were conducted with in-kind window and door replacements, and new compatible finishes. These modifications have not altered the design of the buildings, and as a result, the buildings retain a high level of integrity for their original simple workmanship and materials as evidenced in the limited remaining built-in cabinetry, cantilevered overhangs, and overall building massing, footprint, and configuration.

[171] National Park Service, "National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation," U.S. Department of the Interior, 1995, 45.

A review of early photographs, including aerials, and limited building plans for the eligible contributing buildings confirms that much of the original designs remain intact, with modifications as mentioned above, that have not affected circulation or usage over time. As such, the property retains integrity of design. The property retains its integrity of association, as Morningside HS still operates as a high school, as it has since its construction. The property retains historic integrity of location, feeling, material, workmanship an association.

While later buildings including Building A; Building A5; Buildings V and W, Classrooms; and portable Buildings W5, X, Y, and Z were constructed on the campus after 1965, these structures do not overwhelm the campus and its historic low-story buildings, and they sit peripherally on the edges of property, away from the core cluster of the campus. Building A, Administration was constructed with similar features, massing, and footprint as the original 1950–1951 building which burned in its place. The property retains ample recreational areas and continues to have plantings along Yukon Avenue and toward the center of the campus, as were present during the period of significance. Further, the property's boundaries have remained the same since its period of significance. In summary, Morningside HS Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T and its associated landscape and playing fields retains historic integrity for its location, setting, design, workmanship, materials and association. As a result, the campus retains historic integrity.

Findings and Conclusions

Historic Resource Evaluation Findings

ESA evaluated Morningside HS for potential eligibility for listing in the National Register and California Register as a historic district.

The extant seven earliest buildings comprising Morningside HS constructed as part of the first building campaign, (including Building F, Lecture Hall; Building H, Transportation; Building I, Classrooms; Building J, Classrooms; Building K, Classrooms; Building S, Science Classrooms, and Building T, Classrooms) were constructed on a former grouping of agricultural properties in the City of Inglewood during a period of immense population growth. In an attempt to keep up with the need to accommodate more students, Morningside HS' second building campaign was completed by 1956, which included eleven extant buildings (Building B, Classrooms; Building C, Classrooms; Building D, Classrooms; Building E, Library; Building G, Music; Building L, Arts & Crafts; Building M, Boys Locker; Building N, Gymnasium and Pool; Building Q, Girls Locker; Building R, Cafeteria and Circle Theatre; and Building U, Auditorium). In this, the 1950s era Morningside HS campus expanded over time to educate the rising number of school-aged students in Inglewood during a period of rapid growth.

In the 1960s, Morningside HS experienced significant challenges during integration, as initiatives to ease racial tensions and promote ethnic diversity were undertaken by student-let groups, school teachers and administrators, and the District. These efforts relay both a sense of tension and urgency to address the inequalities and stressors that integration and diversity brought about at Morningside HS. Due to several key events, including the end of discriminatory housing policies, the movement of Black Angelenos to certain parts of Inglewood, and the Watts riots of 1965, the

quickly changing racial demographics at the high school similarly reflected the quickly changing racial demographic of the City and its communities alike. As the campus was the site of difficult integration challenges during the Civil Rights era, the Morningside HS campus appears to be eligible for listing under National Register Criteria A and California Register Criteria 1 for historic patterns of development in the City of Inglewood and for its historic association with California's history of public-school integration. The period of significance for Morningside HS's integration ranges from 1962 to 1969, which spans the arc of the first Black students enrolling at the school, to the establishment of the Black Student Union, which also largely corresponded with a shift in the City's racial demographics. As associated with a pattern of development significant to regional and local history, these 16 extant buildings collectively appear to be eligible as a historic district in the National Register under Criterion A, and in the California Register under Criterion 1.

When viewed together, the Morningside HS with its associated site features is reflective of design trends and changes of the post-World War II period as the campus grew to accommodate an influx of students in the area. As a result of this, the campus has a period of significance which ranges from the construction of the first permanent building in 1950, up through the construction of the last permanent building as part of the second building campaign in 1956. Together, these 16 buildings, and associated landscape features including concrete walkways, covered walkways, outdoor green spaces, and playfields, appear to be eligible as a historic district under National Register Criteria C and California Register Criteria 3, as being reflective of distinctive a multiple-building southern California public school campus, and as a mid-century era high school in the City of Inglewood. Constructed after the end of World War II, the campus is articulated in the Mid-Century Modern style that is reflective of Modernist indoor-outdoor school planning principles of the era, as an example of a clusterplan Postwar Modern Functionalist School Plant. Further, the property conveys a strong association with two prominent Los Angeles area master architects, Ralph C. Flewelling and Walter L. Moody Architects, and Balch Bryan Perkins Hutchason, Architects. Both architectural firms achieved distinction in the Los Angeles area for their school and master plan commissions articulated in modern styles. The designs of buildings at this public-school campus are notable within both firms' larger prolific bodies of extant work for their application of contemporary design motifs to a multi-building high school campus plant. As such, the 16 early buildings comprising Morningside HS (Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T) and its surrounding site features appear eligible as a historic district under the National Register under Criterion C, and California Register under Criterion 3 for the campus' embodiment of distinctive characteristics of a period, and as works of master Los Angeles area architectural firms.

The property retains historic integrity. In summary, Morningside HS Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T and its associated campus landscape retain historic integrity for its location, design, workmanship, materials, feeling, and association, and marginal historic integrity for its modified setting. As a result, the property retains overall historic integrity.

Lastly, none of the buildings on the campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register of Historic Places or California Register of Historic Resources on their own historical or architectural merits.

Character Defining Features Analysis

The potential Morningside HS campus historic district, comprised of 18 buildings and associated landscape features, was designed and constructed in two building campaigns, the first designed by Ralph C. Flewelling and Walter L. Moody Architects between 1950 and 1951; and the second designed by Balch, Bryan, Perkins and Hutchason, Architects between 1955 and 1956.

Extensive original outdoor amenity features include a baseball field with fencing and a brick dugout structure which are located east of the classroom buildings, adjacent to West 104th Street. Tennis courts, which were constructed later, are located in the northern portion of the site. A football field and basketball courts are located to the south of classroom buildings, adjacent to Yukon Avenue South, with residences located further south. Landscaping includes shade trees, flowers, and shrubbery located toward the center of campus, sloping areas toward the northern portion of the site, and grassy areas in between walkways and at the aforementioned recreational areas. Hardscaped elements include brick planters and brick walls, interconnected concrete pathways, walkway coverings with metal awning structures supported by metal poles, paved concrete areas, concrete steps with metal handrails, metal fencing, asphalt paved parking lots, and a metal shade structure with picnic tables.

Prior to construction of the Morningside HS campus, which was then referred to as a "complete school plant," costs were estimated to be $3,000,000.[172] As initially intended, Morningside HS was to consist of "two units on one campus to split a large student body into separate, self-sustaining units."[173] Original landscape features included covered walkways connecting all building units to one another along a "gently sloping mall opening onto four large social courts where student groups may gather. The buildings [were] laid out on the inside, or enclosed campus principle [sic], instead of the finger-type plan," allowing for student circulation within the centralized grouping of buildings.[174] In the southern portion of the site, it appears that the track and football field became more defined and that basketball courts were constructed as part of this building campaign.

Character-defining features of the Mid-Century Modern style present in the plant campus type at Morningside HS are as follows:

Campus Site Character-Defining Features

- Extensive use of sheltered exterior corridors, with flat or slightly sloped roofs supported by posts, piers, or pipe columns
- Mature trees throughout
- Expansive lawns of manicured grass
- Sloped topography of site

[172] "Contract Awarded for High School," *The Los Angeles Times*, September 29, 1950; and "Centinela Plans to Split High School Campus," *The Los Angeles Times*, November 21, 1949.

[173] "Centinela Plans to Split High School Campus," 1949.

[174] "Morningside School to Have 10 New Units," *The Los Angeles Times*, November 14, 1954.

- Football field with surrounding track
- Concrete walkways and circulation patterns
- Concrete steps and metal handrails
- Flagpole along Yukon Avenue
- Parking lot along Yukon Avenue

Campus Architectural Character-Defining Features

- Horizontal design composition and massing; generally one to two stories
- Simple geometric volumes
- Flat or shed roof, often with wide, cantilevered overhangs
- Exterior materials include stucco, brick, or concrete
- Modular design
- Aesthetic qualities derive from use of simply treated materials and excellent craftsmanship
- Direct expression of structural systems, often in wood or steel post-and-beam
- Lack of historicizing ornament
- Generous expanses of fenestration, including bands of grouped multi-light aluminum and steel frame windows[175]

Building U, Auditorium Character-Defining Features

As Building U, Auditorium (which is a part of Building G, Music/ Building U, Auditorium) contributes to the potential district as gathering place both for the campus and for the public, a character-defining features matrix that identifies both exterior and interior features is included as **Table 5** for potential future planning and design purposes for the proposed Tenant Improvements. The matrix identifies individual features and includes a current image and historic drawings excerpts for each, assigns significance (primary or contributing), any future renovation work should be designed in conformance with the Secretary of the Interior's Standards for Rehabilitation, and in order to protect the integrity and significance of the historical resource the removal or alteration of character defining features and materials should be avoided as far as feasible.

[175] "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 126–127.

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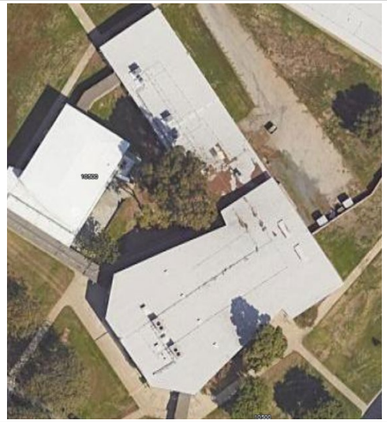
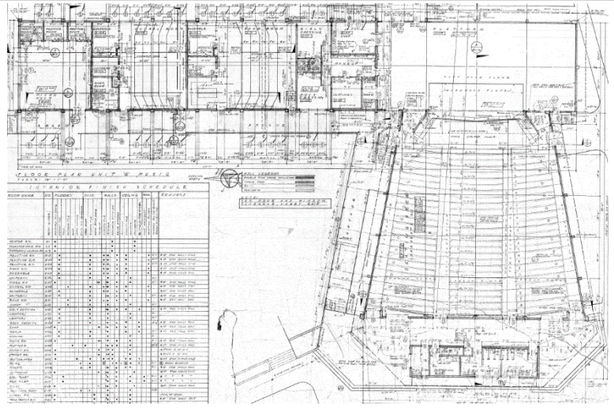
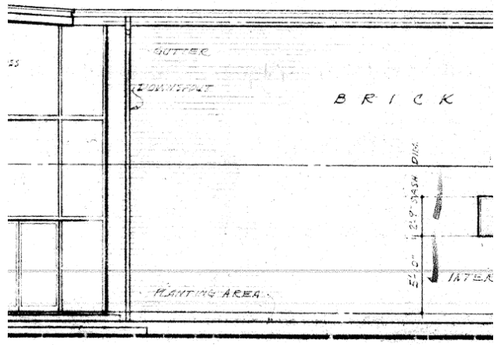
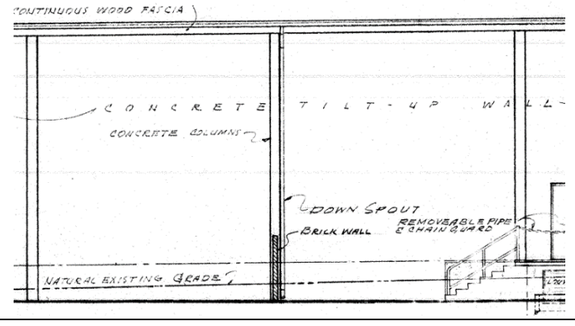
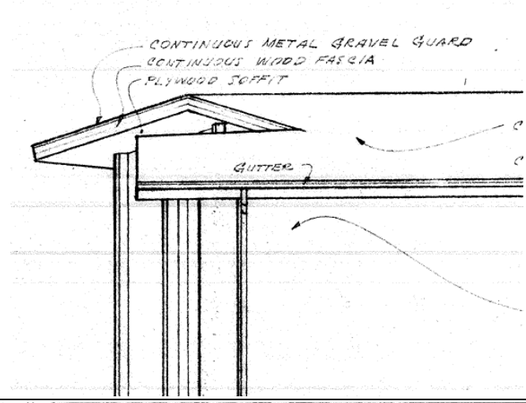
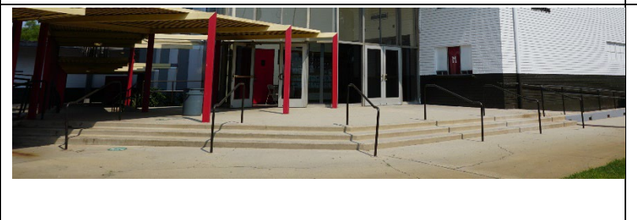
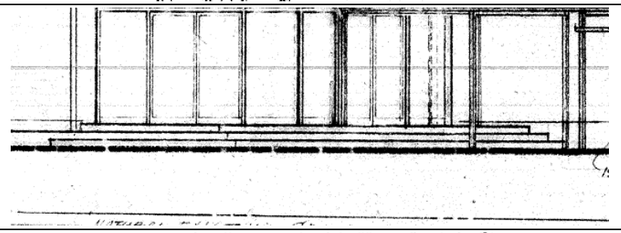
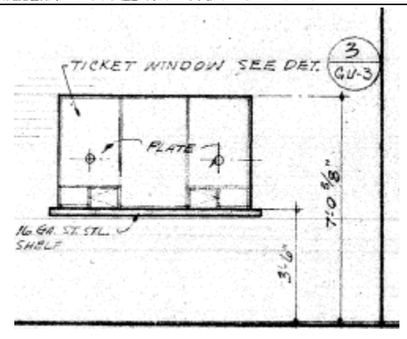
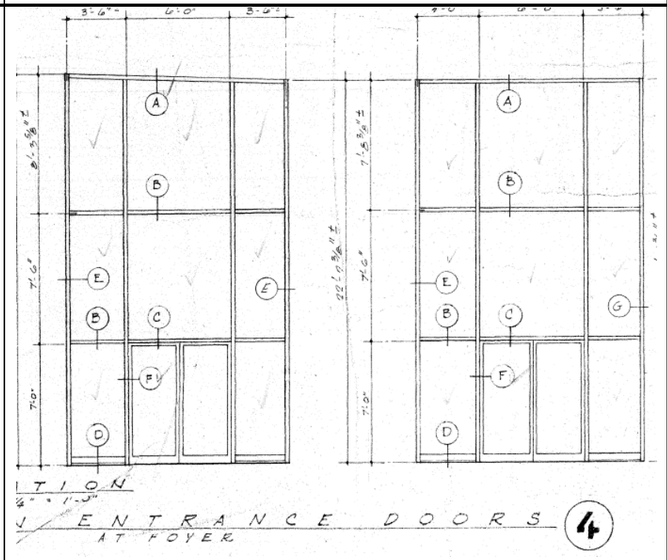
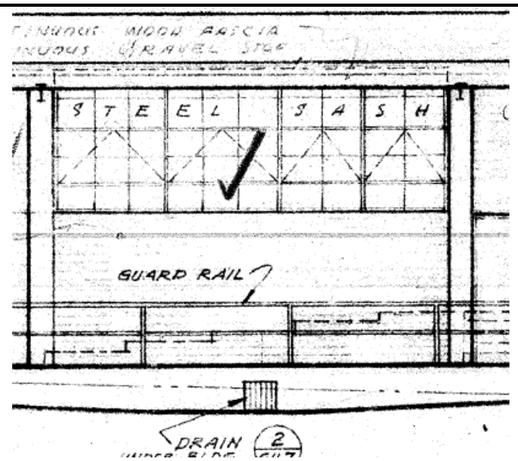
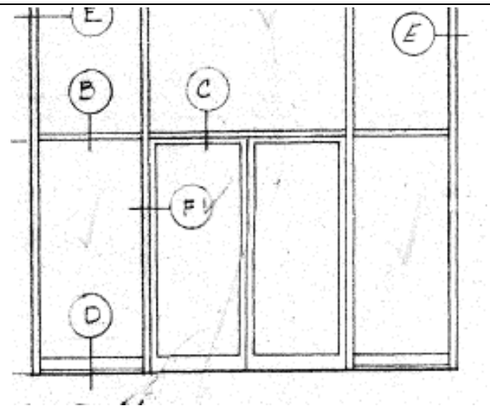
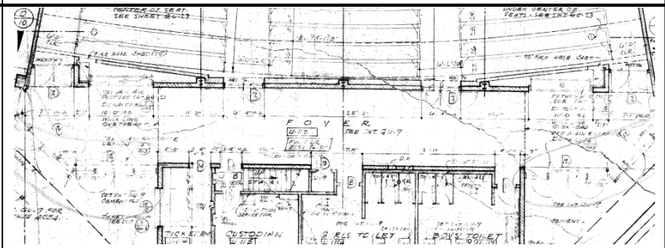
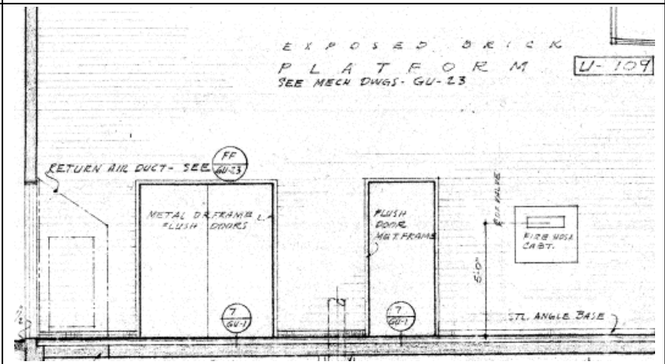
TABLE 5
BUILDING U, AUDITORIUM CHARACTER-DEFINING FEATURES MATRIX

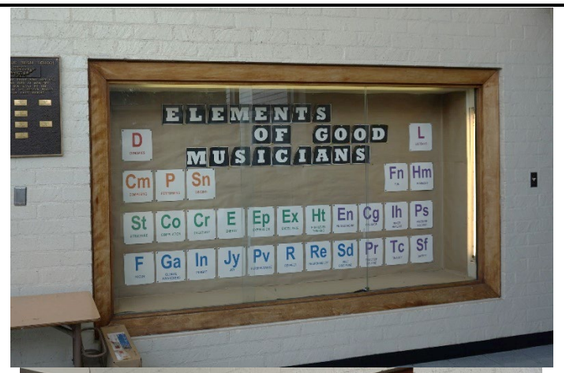
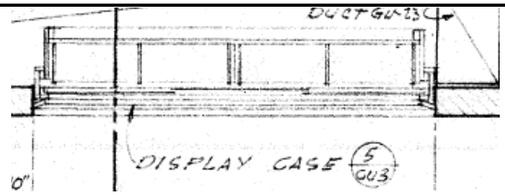
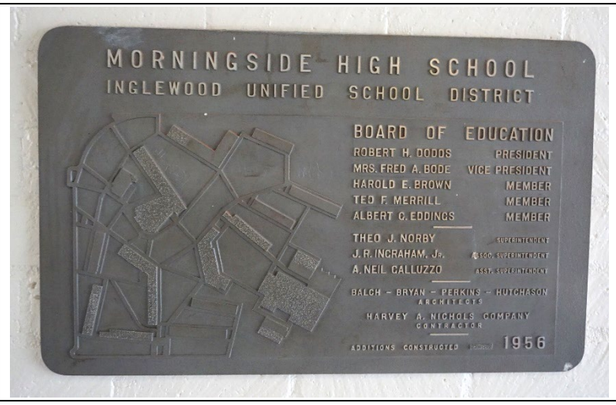
Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
1	Building footprint with auditorium and classroom wing			Primary
2	Brick and concrete tilt-up walls with equidistant concrete columns and a painted wainscot (have been painted)	 	 	Primary

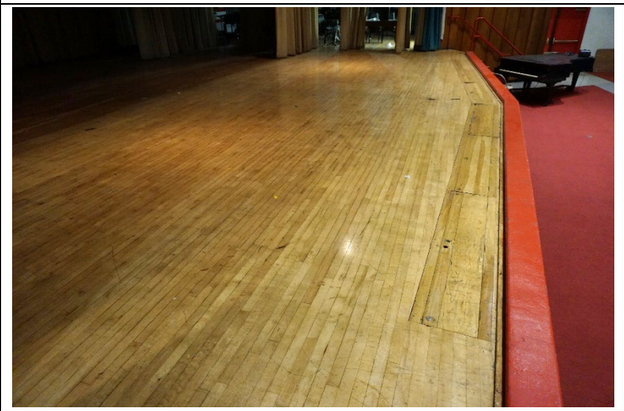
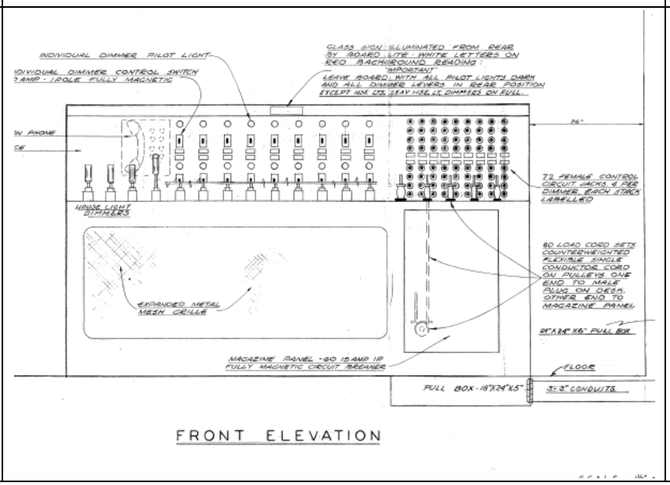
Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
	Flat roof with a gentle slope outward with elongated overhang, wood fascia, plywood soffit and can lights underneath.			Primary
3	Concrete steps with metal handrails			Primary
4	Aluminum frame ticket window			Contributing

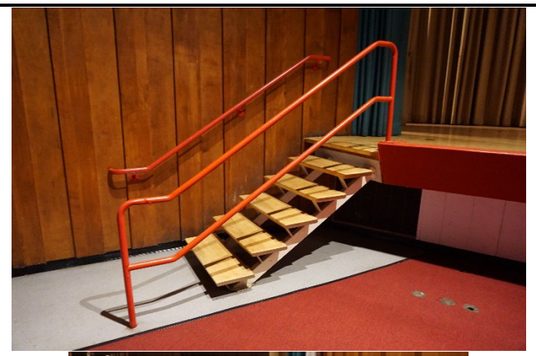
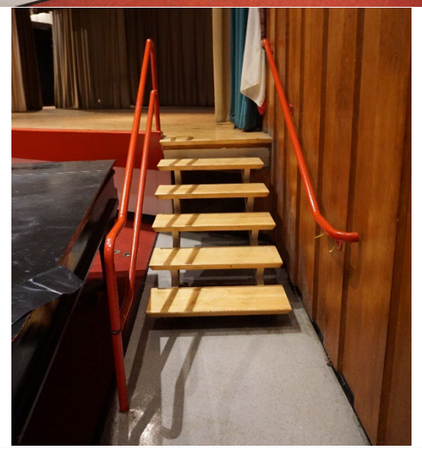
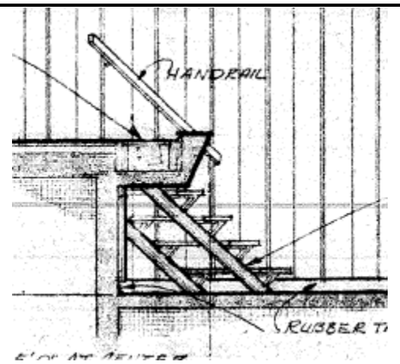
Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
5	Double height aluminum bay windows at foyers with rounded metal columns	 		Primary

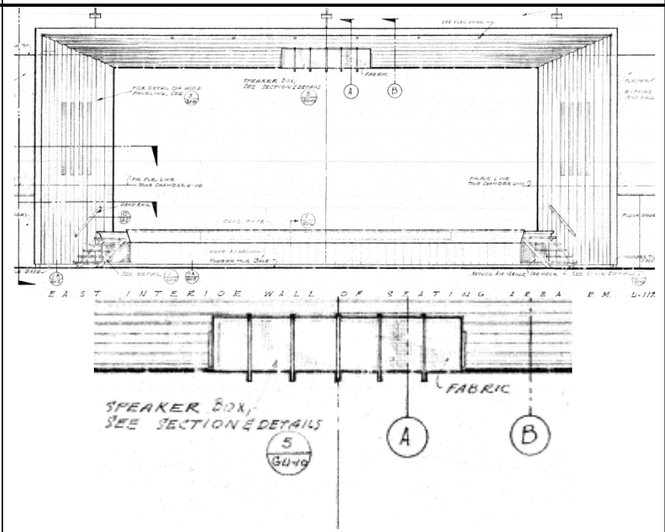
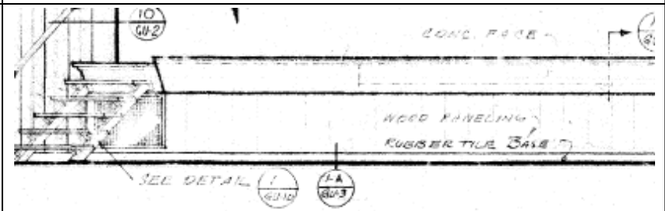
Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
6	Steel sash windows (some have been replaced)			Contributing
7	Glazed entrance doors			Primary

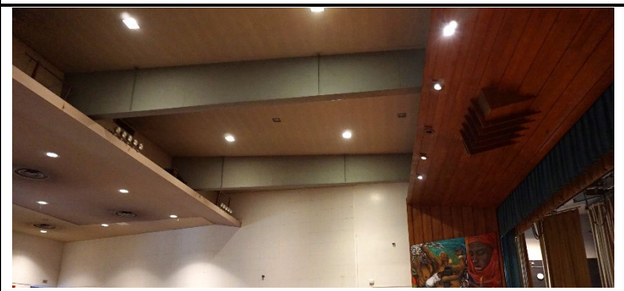
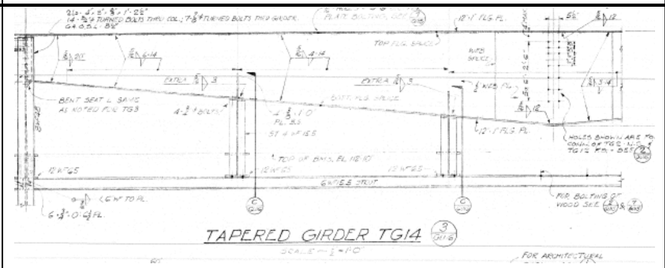
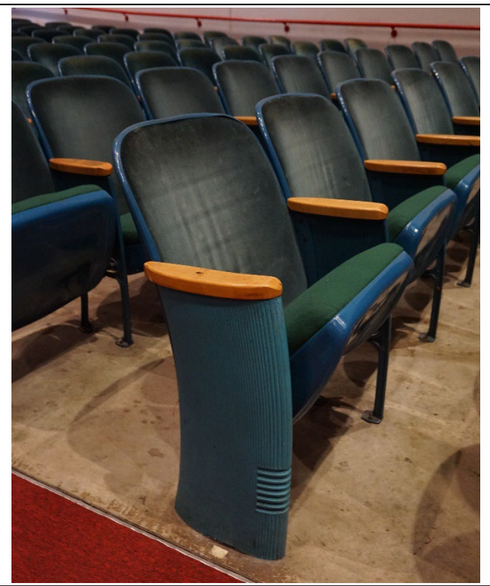
Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
8	Foyer with double height entrance and hallway corridor			Primary
9	Brick (has been painted)			Primary

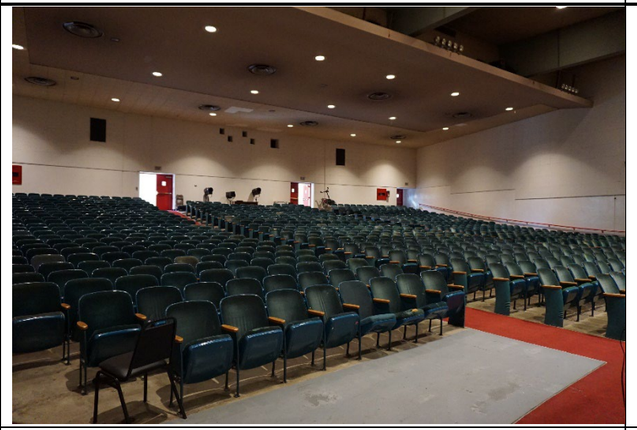
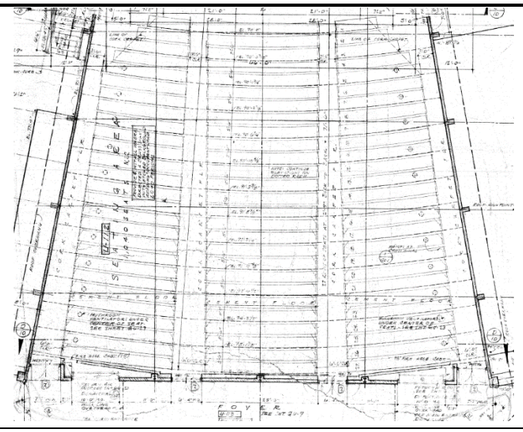
Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
10	Wood display cases	 		Contributing
11	Commemorative metal plaque			Contributing

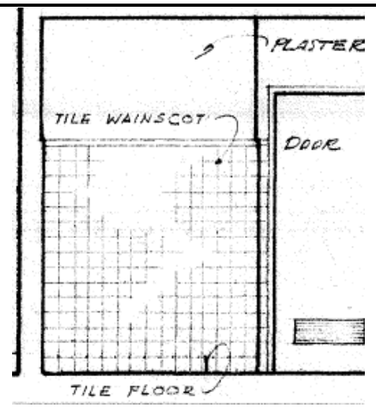
Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
12	Interior doors with single lite and vent			Contributing
13	Raised wood stage			Primary
14	Control panel			Contributing

Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
15	Metal and wood stairs at stage. (*handrail replaced*)	 		Contributing

Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
16	Wood proscenium with speaker box with concrete/ stucco behind			Primary
17	Concrete face, wood paneling, rubber tile stage base			Contributing

Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
18	Exposed tapered girders with wood ceiling and can lighting			Primary
19	Rows of auditorium seating with wood arm caps, fluted end panels, and metal legs *(seat cushion upholstery replaced)*			Primary

Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
20	Configuration of seating with central and flanking aisles			Primary
21	Dressing room cabinetry and counter tops	 		Contributing

Feature No.	Character-Defining Feature	Current image	Historic photograph, drawing, or plan	Significance (Primary or Contributing)
22	Restroom wall and floor tilework. (*Stalls, sinks, and tile on wall behind sinks replaced*)			Contributing

CEQA Impacts Analysis

Identified below are the thresholds for determining the significance of environmental effects on historical resources are derived from the CEQA Guidelines as defined in §15064.5. Pursuant to this guidance, a project with an effect that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. A project that would physically demolish, destruct, relocate or alter the integrity and significance of a historical resource or its immediate surroundings, either directly or indirectly, such that its eligibility for listing in the National Register or California Register would no longer be maintained, is considered a project that would result in a significant impact on the historical resource.

CEQA Guidelines

According to the State *CEQA Guidelines*, Section 15064.5(b) a project involves a "substantial adverse change" in the significance of the resource when one or more of the following occurs:

- Substantial adverse change in the significance of an historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired.
- The significance of a historical resource is materially impaired when a project:
  A. Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources; or
  B. Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or
  C. Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources as determined by a lead agency for purposes of CEQA.

Under CEQA, a proposed development must be evaluated to determine how it may impact the eligibility of a district, structure(s) or a site for designation as a historic resource. The Secretary of the Interior's Standards were developed to evaluate and approve work for federal grants for historic buildings and then for the federal rehabilitation tax credit (see 36 CFR Section 67.7). Likewise, CEQA recognizes the value of the Standards by using them to demonstrate that a project may be approved without an EIR if a project complies with the Standards. In effect, CEQA has a "safe harbor" by providing either a categorical exemption or a negative declaration for a project which meets the Standards (see State *CEQA Guidelines* Section 15331 and 15064.5[b][3]). Alternatively, however, if a project does not strictly comply with the Standards and substantial evidence demonstrates that the project would not detract from the integrity and significance of a historical resource in an adverse manner and if the historical resource would remain eligible for

listing and/or retain its designation after project completion, an EIR may not be necessary because impacts to the historical resource under CEQA could still be less than significant.

Methodology

Under CEQA, the evaluation of impacts to historical resources consists of a two-part inquiry: (1) a determination of whether the Project Site contains or may otherwise impact any historic resource(s), and, if so, (2) a determination of whether the Project would result in a "substantial adverse change" in the significance of the identified resource or resources.[176]

Historic Resources Identified and Analyzed

The Morningside HS campus was evaluated for historical significance as a potential historic district and ESA determined that the campus acquired significance at the state and national level for its association with the Mid-Century Modern style, the notable architects C. Flewelling and Walter L. Moody Architects and Balch Bryan Perkins Hutchison, Architects, and later, for its association with integration at the school and within the City of Inglewood. Of the total 15 resources identified in the archival record search and historic resources evaluation, the project has a potential to directly impact the potentially eligible Morningside HS historic district which includes 16 contributing buildings including Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T which are located within the project site. None of the identified or potential historical resources located within a 0.5-mile radius of the Project site or Project vicinity would be impacted directly or indirectly by the project.

Project Description

ESA's qualified architectural historians reviewed various site plans for the Proposed Project developed between 2020 and 2022 prepared for the Inglewood Unified School District Board of Education by Lionakis (**Figures 143–149**). Final design plans and construction plans have not been developed yet, except for new Building L. The Project plans are included in **Appendix E.** The proposed Project involves improvements to the Morningside HS campus and demolition of the existing Woodworth Elementary School campus (collectively referred to as the existing Project Site or existing campuses).

The Woodworth ES campus is currently vacant after operations were merged with Monroe Middle School in 2019, creating the Woodworth-Monroe TK-8 Academy. The Morningside HS campus is currently in operation.

Proposed modifications to Morningside HS include:

- The demolition of 13 buildings (including Buildings I, J, K, L, V, W, W5, a service building, and five portable buildings) and hardscape (including 12 tennis courts and 6 basketball courts) (**Figures 143 and 144**). Of these, Buildings I, J, K, and L are contributing to the potential Morningside HS historic district, while Buildings V, W, W5, a service building and five portables are non-contributing.

[176] Pub. Res. Code § 21084.1; CEQA Guidelines § 15064.5

- The construction of new athletic facilities including a relocated track and football/soccer field, tennis courts, basketball courts, shotput and discus areas, a softball field, a baseball field, a ticketing and concessions building, a visitor team storage and restroom building, and a home team storage and a restroom building (**Figure 145**).
- Proposed circulation improvements include an expansion of the existing northwest parking lot and fire lane, a new parking lot near the proposed baseball field, a new parking lot at the proposed football field, and expanded internal pedestrian walkways leading to a proposed safe dispersal area. Landscaping and utility improvements would also be included throughout the campus (see **Figure 145**)
- Additional campus modernization improvements include exterior upgrades to multiple buildings and walkways within the campus (**Figure 146**), including the replacement of outdated exterior soffits (rafter beams) and canopies, roofing, fire hydrants, accessibility signage, ornamental and chain-link fencing, and drinking fountain and water bottle filling stations throughout campus.
- The replacement of contributing Building L with a new building, new lunch shelter, with new surrounding landscaping including paving (**Figures 147–149**)
- Unspecified, future exterior and interior improvements to the contributing Building G, Music/Building U, Auditorium and contributing Building H, Transportation.

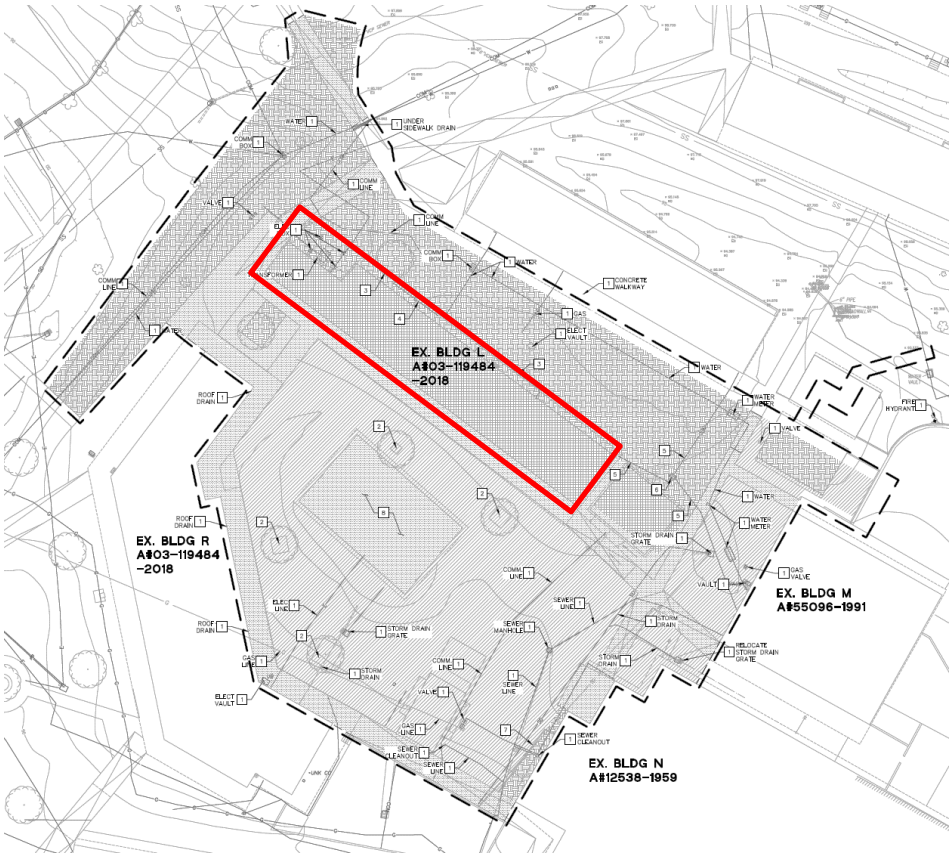


Morningside High School Site Upgrade Project

SOURCE: Lionakis, 2019

Figure 144

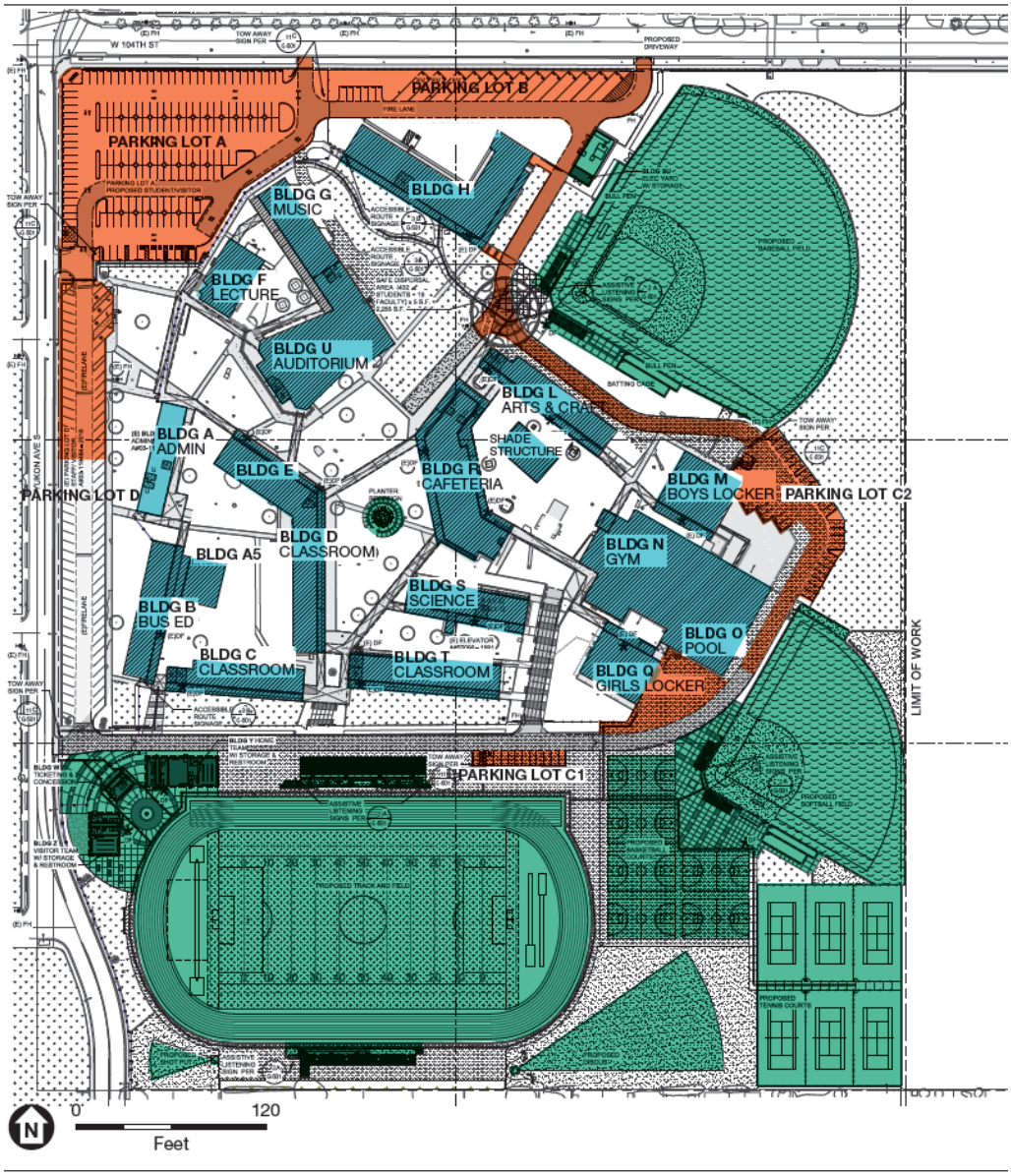
Morningside HS Campus existing site plan, blue buildings to remain, green building to be reconstructed, red buildings to be demolished, pink canopies and shade structures to be demolished



Morningside High School Site Upgrade Project

SOURCE: Lionakis, 2022

Figure 145
Proposed Building L (outlined in red) and adjacent shade structure demolition plan



Morningside High School Site Upgrade Project

SOURCE: Lionakis, 2020

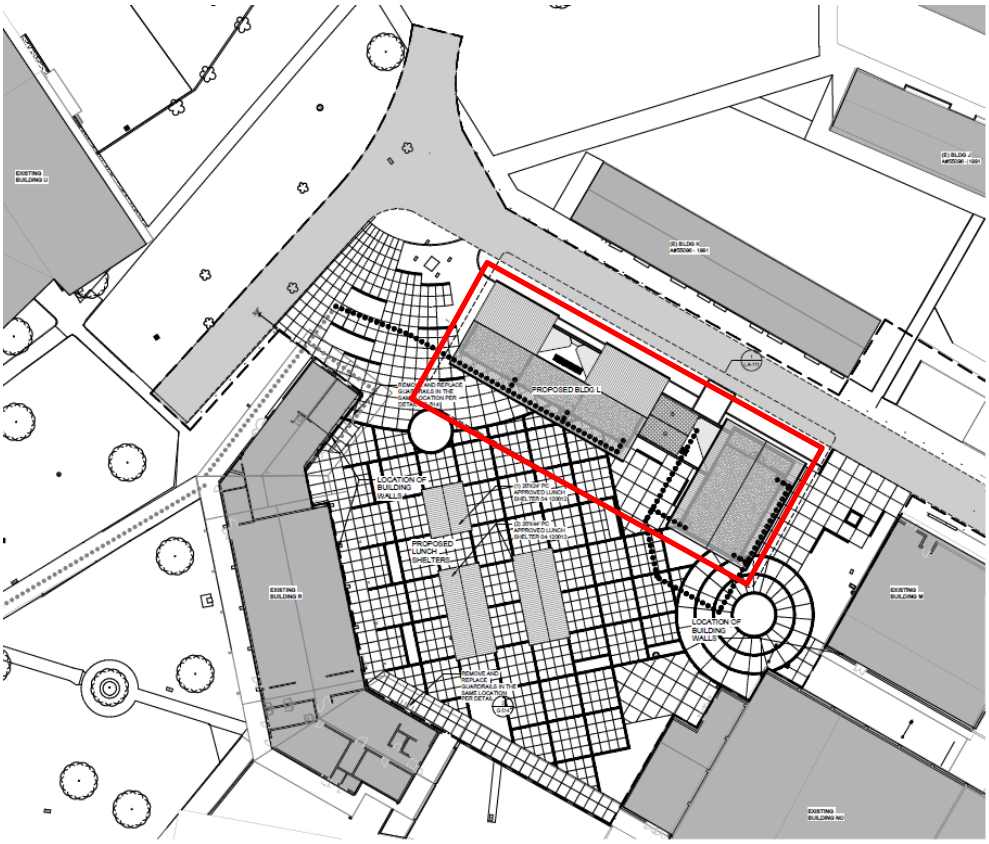
Figure 146
Proposed overall site plan with blue buildings to remain, green site improvements, and orange circulation improvements



Morningside High School Site Upgrade Project

SOURCE: Lionakis, 2022

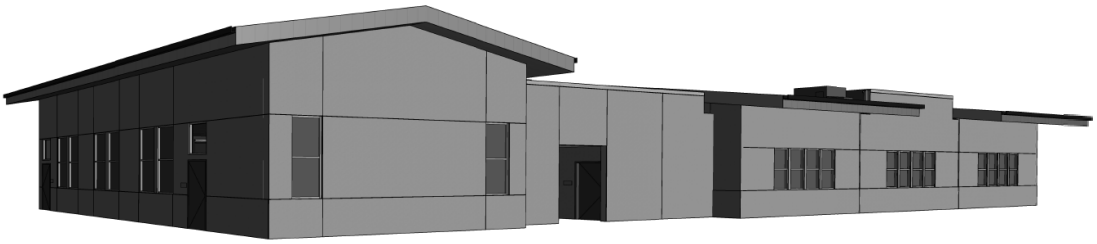
Figure 147
Proposed site plan canopy modifications with green to be repaired and red to be demolished



Morningside High School Site Upgrade Project

SOURCE: Lionakis, 2022

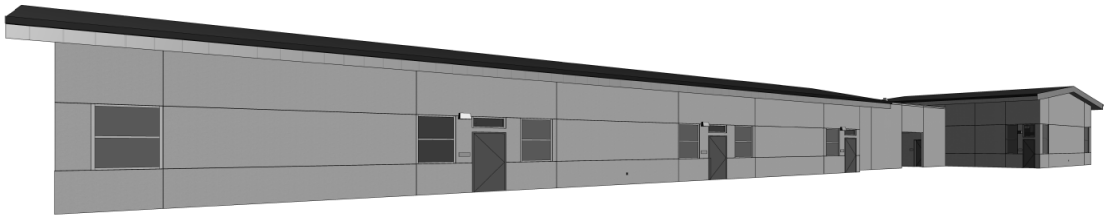
Figure 148
Site plan, proposed construction of new Building L, outlined in red, with landscape modifications



Morningside High School Site Upgrade Project

SOURCE: Lionakis, 2022

Figure 149
Rendering of proposed new Building L, view west



Morningside High School Site Upgrade Project

SOURCE: Lionakis, 2022

Figure 150
Rendering of proposed new Building L, view east

Analysis of the Project

Impacts Analysis

Would the project cause a substantial adverse change in significance of a historical resource as defined in CEQA §15064.5?

Direct Impacts

Under CEQA, the changes to each contributing building and its setting within the potential historic district would only cause a substantial adverse change if they would materially impair the historical resource's (i.e. historic district) ability to convey its significance to the degree that it would no longer be eligible for inclusion in the California Register. What follows is an analysis of the extent to which the proposed Project has the capacity to impair the historical resource (i.e. historic district) to this extent.

Less Than Significant Impact after Mitigation.

The Morningside HS campus was identified as potentially eligible for listing as a historic district under National Register Criteria A and C, for its association with events that have made contributions to the broad patterns of California and Inglewood's history and cultural heritage, as well as for its architectural merit as a post-World War II (Mid-Century Modern) Modern school in Inglewood that was designed by two prominent Los Angeles area architectural firms, C. Flewelling and Walter L. Moody Architects and Balch Bryan Perkins Hutchison Architects. The potential historic district includes 16 extant buildings (Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T) and its surrounding site (campus landscape and playfields), which were constructed between 1950 and 1956. Therefore, the 16 buildings and associated campus landscape and playfields that comprise the potentially eligible historic district are collectively considered to be a historical resource pursuant to CEQA. Designed over the course of two building campaigns which formed the existing cluster-plan type Postwar Modern Functionalist School plant, extant Buildings F, H, I, J, K, S, T, and portions of Buildings M and Q were constructed during the first building campaign to designs by C. Flewelling and Walter L. Moody Architects between 1950 and 1951, while extant Buildings B, C, D/E, G/U, L, M, N, and R, with smaller additions to expand Buildings H, M, and Q were constructed during the second building campaign to designs by Balch Bryan Perkins Hutchison, Architects between 1955 and 1956. Further, Morningside HS is associated with the challenges of public-school integration from 1962 to 1969 in California and within the City of Inglewood itself.

The property has two periods of significance, the first ranging from 1950 to 1956 which encompasses the two original Mid-Century Modern style campus construction campaigns, and the second ranging from 1962 to 1969 which encompasses the challenges of racial integration at Morningside HS, which spans the arc of the first Black students enrolling at the school to the establishment of the Black Student Union. This second period of significance also largely corresponds with the broader shift in the City's racial demographics, as discussed in the historic context above. Character-defining site features include covered walkways, mature trees, expansive lawns, sloped topography, football field with surrounding track, concrete walkways and circulation patterns, and the flagpole and parking lot along Yukon Avenue. Character-defining architectural features present of the existing contributing buildings that comprise Morningside HS include horizontal composition and massing, simple geometric volumes, flat or shed roofs with cantilevered overhangs, exterior stucco, brick, or concrete, modular design, direct expression of structural systems, lack of ornament, and generous expanses of fenestration articulated in aluminum and steel frame windows.

Demolition of Buildings I, J, K, and L

Proposed work would include the demolition of Buildings I, J, K, and L in order to make space to construct new playfields, including a football field and tennis courts, in addition to a new building that would replace Building L, which will be discussed below. Of these four buildings to be removed, three were constructed as part of the first building campaign between 1950 and 1951, designed by Ralph C. Flewelling and Walter L. Moody Architects, and one was constructed as part of the second building campaign, designed by Balch Bryan Perkins Hutchason, Architects. Of the total 16 contributors that comprise the potential district, 4 would be demolished under the Project, and 12 contributors would remain. Therefore 75% of the original campus as constructed between 1950 and 1956 would remain intact. The proposed Project would retain 12 buildings constructed between 1950 and 1956, a collection that would aptly reflect both of the two original building campaigns, and would retain the majority of the character-defining architectural features of the 12 buildings as enumerated above, leaving their integrity largely unimpaired. However, the demolition of Buildings I, J, K, and L would be considered an adverse effect. The Project has generally been designed in conformance with the Standards and the buildings and campus landscape that would be retained under the Project would still collectively retain sufficient historic significance and historic integrity from the original period of significance and the majority of the potential district (75%) would be retained. As a result, Morningside HS would still convey its significant historical and architectural associations for eligibility as a potential historic district after project completion. Thus, the Project would not fully conform with the Standards because 4 contributing buildings would be demolished and the Building U, Auditorium which is a prominent architectural feature and a public gathering space would be potentially altered.

New Construction, Building L

A new Building L would be constructed in the location of the existing contributing Building L. Extant Building L is structurally unsound and is not safe to occupy and would be demolished. The new Building L would be designed generally within the existing footprint of the existing Building L, and would be oriented similarly, facing south. The design of the new construction while contemporary in style, would reflect the surrounding contributing Modern style buildings

including Building R, Cafeteria with its horizontal orientation and regularly spaced bays, and Building N, Gymnasium and Pool with its gabled and recessed entrance – which are the two closest contributors to the proposed new construction. Proposed new Building L has been carefully and deliberately designed to be compatible with the surrounding historic district, as it includes several architectural features that reference the unadorned, utilitarian original Mid-Century Modern Morningside HS buildings found at the campus including a partially flat canopy roof, generally rectangular footprint, a single-directionally oriented facade, monolithic volumes, regularly spaced bays, and horizontally oriented groupings of multi-lite windows. As new Building L has been designed in conformance with Standards 9 and 10, as analyzed below, it would have a less than significant indirect impact on the potential Morningside HS historic district that would be retained and rehabilitated. However, since it would replace an existing contributing building that would be demolished, new Building L would result in a direct adverse impact on the potential historic district. As discussed above, the majority of the potential district (75%) would be retained. Furthermore, the design of new Building L would conform with Standards 9 and 10 and would reduce potential impacts of the new construction to the historic district as far as feasible.

New Site Modifications

The extant playfields, including the contributing baseball diamond (c. 1950), contributing basketball courts (c. 1960) and non-contributing tennis courts (c. 1970), would be demolished. The playfields that would be demolished and reconstructed in the location of former contributing Buildings I, J, and K. Further site modification work would include the repair of sidewalks and access ramps, and security fence modifications and additions. Select covered walkways would be demolished, while the majority of them would be repaired to their original condition. The demolition of the baseball diamond and basketball courts, which are contributing features to the potential historic district, would be considered an adverse effect. However, new playfields with the same function would be constructed on the campus and would continue in the same use. Further, the new associated smaller concession structures would be low scale and compatible in a minimal, utilitarian style. The damaged and deteriorating covered walkways would be retained and repaired, and overall, the majority of the extant contributing covered walkways would remain. Therefore, the proposed Project would have an adverse effect to the campus playfields and associated site features including the covered walkways.

Exterior and Interior Modifications to Building G/U, Auditorium and Building H

The proposed changes to Buildings G/U and H would include the potential removal of original finishes and replacement with contemporary finishes, windows, doors, flooring, and insulation. Teaching spaces would be modernized. While it may be necessary to demolish/alter several of the identified interior character-defining features in order to modernize Buildings G/U and H, the removal of some interior contributing features would generally not compromise the overall integrity of the contributing buildings or the campus as a potentially eligible historical resource as these changes would largely conform with the Standards and impacts under CEQA would be less than significant because the buildings would retain sufficient integrity as contributors to the potential historic district. However, the proposed tenant improvements of Building U, Auditorium have a potential to result in an adverse effect because contributing character-defining features may be removed or altered.

Conclusion

The Project would have a less than significant direct impact on historical resources because the majority of the potential historic district (75%) would be retained. There are 16 contributing buildings and the Project would remove four of them. Furthermore, this analysis found that the proposed Project is largely in conformance with the Standards but does not fully conform because the Project would demolish four contributing school buildings and would include tenant improvements to contributing Building U, Auditorium, that may adversely affect its character-defining features. In addition, a new Building L would be constructed to replace the existing original Building L. Therefore, mitigation measures are required to reduce potential impacts to less than significant. It is recommended that once final design and 90-100% construction plans become available for Building U, Auditorium, final design plans be reviewed by a qualified architectural historian for conformance with the Standards. Furthermore, it is recommended that the potential historic district be documented in a recordation report in accordance with the Historic American Building Survey (HABS) guidelines. In addition, for features that would be removed or altered in Building U, Auditorium, it is recommended that they be considered for salvage, reuse and/or interpretation, and that an interpretation program such as a permanent on-campus exhibit be developed to preserve the significant history of the school for educational purposes. **With these mitigation recommendations incorporated, the proposed Project would have a less than significant impact on historical resources after project completion.**

Indirect Impacts

Historic Built Environment

The Proposed Project was analyzed to determine if it would result in a substantial adverse change to the integrity of potentially eligible historical resources within the immediate surroundings of the Project Site. Currently, there are no National or California register-listed historic resources located adjacent to the Project Site. There were three identified potential historic resources within a 0.5-mile radius of the Project Site, including: 10701 S. 10th Avenue, Los Angeles County Fire Department City of Inglewood Fire Station 170; 3620 102nd Street, Aku Aku Polynesian; and 3921 and 3947 W. 104th Street, Lockhaven Christian School. These three potential resources are described earlier in the report, and none would have views of the Project Site nor would they be physically impacted by the proposed Project. **As such, indirect impacts would be less than significant.**

Secretary of the Interior's Standards Review

Under CEQA, a project that follows the Secretary of the *Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing, Historic Buildings or the Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings* (1995), Weeks and Grimmer, shall be considered as mitigated to a level of less than a significant impact on the Historical Resource.[177] The Proposed Project involves improvements to a potential district that is considered historically significant due to its association with events that have made contributions to the broad patterns of

[177] California Environmental Quality Act, 15064.5 (b)(3).

California's and Inglewood's history and for its architectural merit. Therefore, pursuant to CEQA, the Proposed Project needs to be evaluated for its conformance with the Standards.

As previously described earlier in this report, the subject property contains a collection of historic-period educational buildings that comprise a historic district that is considered to be a potential historical resource for the purposes of CEQA. The Project would rehabilitate Buildings G/U and L, which are contributing Buildings to the potential historic district. The Project would also construct several new buildings including Building L, and structures including a new concession stand and playfield support structures, and reconfigure the playfields by constructing a new baseball diamond and basketball courts.

Standard 1*: A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces and spatial relationships.*

Under the Project, the subject property would continue to operate as a high school and be used as it was historically. While modernization of the existing original buildings will be necessary, these improvements would require minimal change to their distinctive materials, features, spaces and spatial relationships. Two of the contributing playfields, the baseball diamond and basketball courts, would be removed, and new facilities would be constructed on campus, allowing for the same original use to continue on the Project Site. Since the subject property would continue to be used as it was historically, and would require limited change to the original buildings and campus that comprise the potential historic district and the majority of the potential district would be retained (75%), the Project would result in a minimal change to the potential historic district and would conform with Standard 1.

Standard 2*: The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces and spatial relationships that characterize a property will be avoided.*

Buildings I, J, K, and L, or four of the sixteen buildings that contribute to the potential Morningside HS historic district would be demolished as part of the Project in order to consolidate the campus, and to make space for the construction of replacement playfields and associated smaller structures. This would allow for 75% of the contributing building constructed between 1950 and 1956 to remain upon Project completion, reflecting a substantial amount of character-defining features at the property. Additional changes to rehabilitate select canopies and walkways would further support the historic use of the property, and reinforce original distinctive materials and spatial relationships.

Exterior and interior modifications to Building G/U and Building H would be undertaken sensitively, to compliment the existing historic character by replacing materials in-kind or compatibly, and retaining original character-defining features as possible. The Project would substantially conform to Standard 2 because all exterior and some interior features at the remaining Buildings G/U and H would remain intact and preserved.

However select demolition of four contributing Buildings I, J, K, and L and associated playfields would involve the loss of original historic character. Therefore, the Project would not fully conform to Standard 2.

Standard 3*: Each property will be recognized as a physical record of its time, place and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.*

The proposed Project does not involve the construction of buildings or elements that include conjectural features from other buildings. The proposed campus improvements include rehabilitation and new construction that would allow the campus to continue operation at a smaller scale. Campus improvements would maintain existing footpaths and canopies, while removing others, in addition to relocating the baseball diamond. Proposed new Building L has been designed as a contemporary building that reflects the existing Mid-Century Modern campus but does not copy features and include contemporary building fabric and space planning such that it would be recognized as a physical record of its time. As such, the Project would conform with Standard 3.

Standard 4*: Changes to a property that have acquired historic significance in their own right will be retained and preserved.*

Morningside HS was largely constructed over the course of two building campaigns, one between 1950 to 1951, and the second between 1955 and 1956. These two building campaigns comprise the first period of significance, which ranges from 1950 to 1956 and is associated with notable architects and as a Mid-Century Modern style school plant. Sixteen buildings remain as part of the first period of significance. The second period of significance is 1962 to 1969, which encompasses the challenges of racial integration at Morningside HS. The 16 extant buildings were present during the second period of significance, during which time no additional buildings were constructed. The project would retain and preserve 12 of the buildings constructed as part of the later construction campaign, which acquired significance for their association with the Mid-Century Modern style, the notable architects C. Flewelling and Walter L. Moody Architects and Balch Bryan Perkins Hutchison, Architects, and later, for their association with integration at the school and within the City of Inglewood. However due to the demolition of four contributing Buildings I, J, K, and L and associated playfields, the Project would not conform with Standard 4.

Standard 5*: Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.*

The Project would retain 12 of the contributing buildings that comprise the potential Morningside HS historic district, in addition to landscaped features and playfields. At the contributing buildings this would include the retention of: horizontal design composition and massing; generally one to two stories; simple geometric volumes; flat or shed roof, often with wide, cantilevered overhangs; exterior materials including stucco, brick, and concrete; modular design; aesthetic qualities derived from use of simply treated materials and excellent craftsmanship; direct expression of structural systems, often in wood or steel post-and-beam; lack of historicizing ornament; and generous expanses of fenestration, including bands of grouped multi-light

aluminum and steel frame windows. The campus site character-defining features that contribute to the potential historic district which would be retained as part of the Project include repair of select sheltered canopies and retention of select concrete walkways; the retention of: the football field with surrounding track, mature trees; select expansive lawns; sloped site topography; and the parking lot along Yukon Avenue. However, several canopies and existing site features would be removed as part of the Proposed project, including the existing baseball diamond, basketball courts, and select canopies. The existing football field and surrounding track would be upgraded in keeping with the original configuration and design. As such, overall, the project would preserve the majority of the character-defining features. Thus, overall, the physical features, materials, finishes, and construction techniques that characterize the Morningside HS campus will remain. As such, the Project would conform with Standard 5.

Standard 6*: Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.*

The Project proposes to retain many of the original character-defining features at Morningside HS, including 75% of the contributing structures. The proposed Project includes the rehabilitation of select canopies along the walkways, and tenant improvements and upgrades to Buildings G/U and H. However, it will be necessary to remove or alter some interior features in order to modernize the school buildings for continued use. Repair or replacement of original doors or other features shall conform with the Standards, and features to be retained shall be repaired or if deteriorated beyond repair shall be replaced in kind. The District shall follow the rehabilitation guidelines for specific materials and features related to Building G/U in the CDF matrix (**Appendix E**). Where damaged, character-defining features shall be repaired rather than replaced, and if deteriorated beyond repair, they shall be replaced in-kind. Documentary evidence on the historic appearance and construction history of the school would be provided in the HABS reports under Mitigation Measure MM-HR-1.

Standard 7*: Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.*

The Project shall not employ any chemical or physical treatments that would cause damage to historic materials. If chemical or physical treatments are necessary and appropriate, they will be undertaken using the gentlest means possible. As stipulated by MM-HR-4, a qualified preservation consultant or conservator shall be consulted as part of the preservation planning and/or construction monitoring process, prior to undertaking any chemical for physical treatments. With inclusion of this condition, the Project would conform with Standard 7.

Standard 8*: Archeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.*

Ground disturbing activity that would occur under the proposed Project would involve excavation in the northeast portion of the campus. While most of the Project Site has been impacted by previous construction, proposed activities may impact previously undisturbed ground. These

actions have the potential to encounter previously unidentified, buried archaeological deposits. As such, implementation of the Proposed Project could cause a substantial adverse change in the significance of an archaeological resource, if resources are found during construction, and therefore mitigation would be required. As further detailed below, mitigation measures would include retaining a qualified archaeologist to evaluate unanticipated discoveries.

Standard 9*: New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work will be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.*

As discussed above, Building L has been designed to be compatible with the historic campus and would reinforce spatial relationships that characterize the property as it would be constructed in place of the existing Building L. Further, the new building would be differentiated from the old, existing Building L in order to protect the integrity of the potential historic district. The new construction would involve the erection of a one-story stand-alone classroom building located centrally within the historic Morningside HS campus. Building L would reference Building R, Cafeteria with its horizontal orientation and regularly spaced bays, and Building N, Gymnasium and Pool with its gabled and recessed entrance – which are the two closest contributors to the proposed new construction. Proposed Building L has been carefully and deliberately designed to be compatible with the remaining historic district, as it includes several architectural features that reference the simple, utilitarian original Mid-Century Modern Morningside HS buildings found at the campus including a partially flat canopy roof, generally rectangular footprint, a single-directionally oriented facade, monolithic volumes, regularly spaced bays, and horizontally oriented groupings of multi-lite windows. The new building would be differentiated from the remaining contributing buildings in its contemporary concrete siding and finish, new windows, and contemporary space planning at the interior, which will allow for modern school functions to occur. The one-story height and elongated volumes of the proposed new Building L would be compatible in scale, massing and articulation with the majority of the original remaining buildings on campus. The new building would be designed in a manner that would complement the remaining Morningside HS campus by referencing several historic character-defining features, including general footprint, orientation, and volume, while still reading as a contemporary building due to the new design program and contemporary material palate to suite a 21st century high school. In this manner, the new construction would support spatial relationships that characterize the property and utilize compatible materials, features, size, scale, proportion and massing to protect the integrity of the remaining historic district and its environment.

Proposed new canopies would be constructed in locations where existing original canopies are too deteriorated to repair. Proposed new canopies would follow the footprint and height of the original, and would be differentiated from the original canopies in their materiality and detailing. Additional improvements at the campus would include the demolition of existing playing fields, and their construction in a different, but adjacent portion of the campus. The reconfiguration and modernization of the new playing fields would continue the functional uses of the playing fields.

Associated utilitarian concession structures would likewise be compatible and would not alter or destroy the existing spatial relationships on campus.

However, since the Project is still in design development, it is possible that additional potential impacts may occur as a result of proposed tenant improvements to the Auditorium, therefore it is recommended that additional plan reviews be completed by a qualified architectural historian of the final design and construction plans, and that construction monitoring be conducted by a qualified architectural historian due to the potential for unanticipated discoveries, to ensure conformance with the Standards and reduce potential impacts as far as feasible as required by CEQA.

Standard 10*: New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.*

If the proposed new classroom building, Building L, and the campus improvements as mentioned above would be demolished in the future, the essential form and integrity of the potential historic district consisting of Buildings B, C, D/E, F, G/U, H, M, N, Q, R, S, and T would remain unimpaired. Therefore, the Project would conform to Standard 10.

Conclusion and Recommendations

ESA reviewed Project plans prepared by Lionakis issued between 2020 and 2022 for conformance with the Secretary of the Interior's Standards. The Proposed Project would modernize the existing Morningside HS, which would include the demolition of Buildings I, J, K, and L, the construction of a new one-story classroom structure, Building L, modifications to Buildings G/U and H, the construction of new playfields, and other campus and landscape improvements. All of the existing exterior historic character-defining features on remaining Buildings B, C, D/E, F, H, M, S, Q, R, S, and T would be retained and preserved and would be unaffected by the project. With implementation of the mitigation measures, the Project would not materially impair Buildings B, C, D/E, F, G/U, H, M, S, Q, R, S, and T or significantly alter the identified character-defining features of the buildings or of the landscape that contribute to their significance as contributing resources to the potential historic district. The Project would retain and preserve the horizontal design composition and massing; generally one to two stories; simple geometric volumes; flat or shed roof, often with wide, cantilevered overhangs; exterior materials including stucco, brick, and concrete; modular design; aesthetic qualities derived from use of simply treated materials and excellent craftsmanship; direct expression of structural systems, often in wood or steel post-and-beam; lack of historicizing ornament; and generous expanses of fenestration, including bands of grouped multi-light aluminum and steel frame windows; in addition to the football field with surrounding track, mature trees; select expansive lawns; sloped site topography; and the parking lot along Yukon Avenue.

Our analysis of the Proposed project found that the Project would have a less than significant direct impact on historical resources because the majority of the potential historic district (75%) would be retained and it would remain eligible after project completion. There are 16 contributing buildings and the Project would remove four of them. Furthermore, this analysis found that the

proposed Project is largely in conformance with the Standards but does not fully conform because of the Project would demolish four contributing school buildings and would include tenant improvements to contributing Building U, Auditorium, that may adversely affect its character-defining features. In addition, a new Building L would be constructed to replace the existing original Building L, but its design would conform with Standards 9 and 10 and would be compatible with the surrounding district. Therefore, due to the potential adverse impacts and because the project does not fully conform with the Standards, mitigation measures are recommended to reduce potential impacts as far as feasible.

It is recommended that the potential historic district be documented in a recordation report in accordance with the Historic American Building Survey (HABS) guidelines (MM-HR-1). The required HABS report has been completed by ESA and this mitigation measure has been satisfied. As future exterior and interior plans for the modifications to Building U, Auditorium are not finalized, it is further recommended that once final design and 90-100% construction plans become available for Building U, Auditorium they would be reviewed by a qualified architectural historian for conformance with the Standards (MM-HR-2). In addition, for features that would be removed or altered in Building U, Auditorium, it is recommended that they considered for salvage, reuse and/or interpretation, and that an interpretation program such as a permanent on-campus exhibit be developed to preserve the significant history of the school for educational purposes (MM-HR-3). Demolition activities and unforeseen circumstances that may arise during construction have the potential to damage character-defining features of the potential historic district and of Building U, Auditorium. Therefore, construction monitoring by a qualified preservation consultant is recommended to ensure potential damage would be avoided and that the project would be completed in conformance with the Standards. Additionally, during construction relevant final finish details and preservation treatment decisions may still need to be determined and would need to be reviewed for conformance with the Standards (MM-HR-4). With these mitigation recommendations incorporated, the proposed Project would have a less than significant impact on historical resources after project completion.

Mitigation Measures

Given the determination of eligibility concluded as a result of the study presented above, and in consideration of the evolution of the conceptual design being formulated for the Project implementation, the following measures would be required to mitigate impacts to historical resources to a level of less than significant for purposes of CEQA. Should close collaboration between the design team and ESA be instituted in following the measures outlined below, it is anticipated that the project would result in less than significant impacts in accordance with CEQA.

> **MM-HR-1:** Prior to the issuance of a building permit for the proposed Project, a recordation document that shall record the 16 eligible buildings and associated campus landscape and playfields within the identified potential historic district shall be commissioned by the applicant and prepared in accordance with Historic American Buildings Survey (HABS) Level III requirements. The recordation document shall be prepared by a qualified architectural historian who satisfies the Secretary of the Interior's Professional Qualification Standards for Architectural History pursuant to 36 CFR 61.

This document shall include a historical narrative on the architectural and historical importance of the building and its contributions to the history of the area and educational institutions. The document shall also record the existing appearance of the buildings in professional large format photographs. The buildings' exteriors, representative interior spaces, character-defining features, as well as the property setting and contextual views will be documented. The report shall record the history of the subject property and its physical condition, both historic and current, through site plans, historic maps, and photographs, as well as current photographs, written data, and text. The documentation will be organized in the HABS "short form" format to include the following sections: name, location, significance, description, history, sources, historians, project information, sketch map, and index of photographs. Selected photographic copies or original photographic prints (pursuant to HABS guidelines) of historic images showing the subject property and original surroundings will be included. Archival copies of the completed report shall be distributed to 1) the South Central Coastal Information Center (SCCIC) at California State University, Fullerton, 2) the Inglewood Public Library, and 3) the Morningside HS Library. The lead agency governing the Project is the Inglewood School District who would be responsible for ensuring that this mitigation measure is completed prior to the issuance of a grading permit and/or building permit for the proposed Project.

The required HABS report has been completed by ESA and this mitigation measure has been satisfied.

MM-HR-2: The applicant shall retain a qualified preservation consultant, meeting the Secretary of the Interior's Professional Qualifications Standards Architectural History, Architecture, or Historic Architecture pursuant to 36 CFR 61 and who has at least 10 years of experience in design review and collaboration applying the Standards (Qualified Preservation Professional) to review the final plans for all new proposed construction for Building U, Auditorium, to ensure conformance with the Secretary of the Interior's Standards for Rehabilitation (Standards). Once the final design and the 90-100% construction plans become available, respectively, they shall be reviewed by a Qualified Preservation Professional for conformance with the Standards for Rehabilitation. Upon completion of the final design plans, and upon completion of the 90-100% construction plans, respectively, the Qualified Preservation Professional shall submit a draft report to and shall make recommendations necessary to bring the design into conformance with the Standards as far as feasible. After the applicant has made the final revisions, the Qualified Preservation Professional shall review the final construction plans and prepare a final report documenting conformance with the Standards. The final plan review report shall be submitted to the District along with the final plan set prior to project approval and issuance of a grading permit and/or building permit. The lead agency governing the Project is the Inglewood School District who would be responsible for ensuring that this mitigation measure is completed prior to the issuance of a grading permit and/or building permit for the proposed Project.

MM-HR-3: The applicant shall commission a qualified architectural historian to complete and assist the District implement a salvage and interpretation program. The architectural historian shall prepare a salvage inventory of character-defining features that would be removed or altered in Building U, Auditorium, that would be appropriate for salvage and reuse and/or interpretation. The applicant shall review the salvage inventory to determine which items may be feasible for reuse as a part of the proposed Project. Selected items identified for reuse will be incorporated into the project plans and reviewed for conformance with the Standards under MM-HR-2. The applicant shall also consider whether any of the items identified for salvage can be included in an interpretation program or in an on-campus exhibit. The remaining items shall be donated to a local history museum or other appropriate repository or donated to the public. Any remaining items shall then be disposed of. In addition, the applicant shall commission development and installation of an interpretive exhibit such as a permanent on-campus exhibit to display and explain the significant history of the school for educational purposes. The lead agency governing the Project is the Inglewood School District who would be responsible for ensuring that this mitigation measure is completed once the building construction has been substantially completed and prior to the issuance of an occupancy permit for the proposed Project.

MM-HR-4: Demolition activities and unforeseen circumstances that may arise during construction have the potential to damage character-defining features of the potential historic district and of Building U, Auditorium. Therefore, the applicant shall commission a Qualified Preservation Professional meeting the Secretary of the Interior's Professional Qualifications Standards Architectural History, Architecture, or Historic Architecture pursuant to 36 CFR 61 and who has at least 10 years of experience in design and construction review to conduct construction monitoring to ensure potential damage would be avoided and that the project would be completed in conformance with the Standards. Additionally, during construction relevant final finish details and preservation treatment decisions may still need to be determined and shall be reviewed for conformance with the Standards. The Qualified Professional shall conduct a kick off meeting with the demolition contractor, architect and general contractor prior to commencement of construction to review the demolition plan, methods and protection measures. Once demolition is complete, the Preservation Consultant shall conduct monitoring visits at pertinent intervals when construction activities have a potential to affect character-defining features, materials or finishes. The Preservation Professional shall address questions about preservation treatment and project details that arise during construction and provide treatment recommendations for conformance with the Secretary of the Interior's Standards for Rehabilitation. Each monitoring visit shall be documented in a monitoring report that shall be provided to the applicant's architect and contractor, and to the District. Once construction has been completed, the Preservation Professional shall conduct a final site walk and prepare a substantial completion report that shall document project conformance with the Standards. The lead agency governing the Project is the Inglewood School District who would be responsible for ensuring that this mitigation measure is completed prior to the issuance of an occupancy permit for the proposed Project.

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Appendix A
Preparers' Qualifications

ESA



Margarita Jerabek-Bray, PhD

Historic Resources Director

EDUCATION

Ph.D., Art History, University of California, Los Angeles

M.A., Architectural History, School of Architecture, University of Virginia

Certificate of Historic Preservation, School of Architecture, University of Virginia

B.A., Art History, Oberlin College

32 YEARS EXPERIENCE

AWARDS

2020 Gold Nugget Merit Award, PCBC, Best Rehabilitation Project

2018 Merit Award, Environmental Analysis Document, Association of Environmental Professionals

2016 Preservation Design Award, Interpretive Exhibit, California Preservation Foundation

2014 Preservation Award, Los Angeles Conservancy

2014 Westside Prize, Westside Urban Forum

2014 Design Award: Westside Urban Forum

2012 Preservation Design Award, California Preservation Foundation

Margarita Jerabek-Bray, Ph.D., has 32 years of professional practice in the United States with an extensive background in historic preservation, architectural history, and historical archaeology. She specializes in American Architecture, Modern and Contemporary Architecture, Urban History and Design, and Cultural Landscape, and is a regional expert on Southern California architecture. Her qualifications and experience meet and exceed the Secretary of the Interior's Professional Qualification Standards in History, Architectural History, and Archaeology. Margarita assists clients with strategic advice and historic preservation consultation services to support project success. Highly experienced and solution oriented, she provides historic resources management and preservation consultation services for all stages of project development, from due diligence through planning and design, to preparation of required documentation for environmental review and permitting. She provides expert historic preservation services for environmental review and, when necessary, implements mitigation requirements and preservation treatment measures.

Margarita is a highly experienced and respected authority in the evaluation, management and treatment of historic properties, and is expert in the preparation of legally defensible documentation for compliance with Sections 106 and 110 of the National Historic Preservation Act (NHPA), National Environmental Policy Act (NEPA), Section 4(f) of the Department of Transportation Act, California Environmental Quality Act (CEQA), and local ordinances and planning requirements. She has managed and conducted hundreds of projects for public and private clients throughout California and the United States, and as primary investigator she has authored numerous historic resources technical reports, plan reviews, HABS/HAER/HALS reports, salvage inventories, rehabilitation plans, relocation plans, construction monitoring reports, interpretive programs, as well as curated exhibits, provided input for interpretive websites and assisted in the development of content for documentary films.

Margarita Directs ESA's Southern California Historic Resources Practice, leading a team of historians, architectural historians, and preservation specialists who are a part of ESA's more than 30-member Cultural Resources Group. She has conducted a broad range of planning and technical studies for development projects throughout Southern California. Her relevant on-call contracts with various agencies, policy documents, environmental compliance work, and historic preservation projects are summarized below.

PROFESSIONAL AFFILIATIONS

California Preservation Foundation

Santa Monica Conservancy

Society of Architectural Historians, Life Member

American Institute of Architects (AIA), National Allied Member

Neutra Institute, Fellow

Relevant Experience

Agency On-Call Preservation Contracts. Margarita currently manages ESA's on-call preservation consulting contracts with the City of Santa Monica, City of Hermosa Beach, and serves as principal investigator for historic resources for our on-call contracts with the City of Los Angeles's Department of Public Works Bureau of Engineering, and Los Angeles Unified School District.

Policy Documents. Margarita has contributed her preservation planning expertise to several projects including **Lincoln Specific Plan** (Whittier), and **CPA-7** (Culver Studios). Her knowledge of preservation policy and law is also demonstrated in the **Citywide Survey and General Plan Update** completed by ESA for the City of Hermosa Beach, and the **Culver City General Plan Update**.

City of Santa Monica On-Call Historic Preservation Services, Santa Monica, CA. *Project Manager/Principal Architectural Historian.* Dr. Jerabek is the primary point of contact and contract administrator for ESA's on-call contract for historic preservation services with the City of Santa Monica. Under her 12-year tenure, ESA's historic division has prepared hundreds of studies including **preliminary assessments, landmark assessments, structure of merit assessments, Secretary of the Interior's Standards plan reviews** and preservation recommendations, **landscape assessments, character-defining features reports** and **CEQA impacts analyses**.

Historic Resources and Preservation Consultation Service for Santa Monica City Hall, City of Santa Monica, CA. *Project Manager/Principal Architectural Historian.* Prepared a **Section 106 Effects Evaluation** report and provided mitigation services pursuant to a **Memorandum of Agreement for Structural Seismic Upgrades, ADA Improvements, Relocation of Wood Paneling, and Adaptive Re-use of the Historic Jail** under a grant from the Federal Emergency Management Administration (FEMA). Dr. Jerabek was the primary point of contact, provided project management and agency coordination, and served as principal architectural historian for the project. ESA prepared a **HABS report** for the historic jail located in the northeast wing of City Hall; conducted **Plan Reviews** and provided preservation recommendations for the seismic upgrades; reviewed proposed ADA improvements and provided recommendations to avoid impacts; reviewed the wood paneling relocation plans and worked with the City to select a qualified master craftsman and conducted construction monitoring for the project; reviewed the jail rehabilitation project for conversion of the two-story jail into an IT Center and offices and provided design consultation for conformance with the Standards, including in-kind replacement of the historic windows; curated, designed and oversaw installation of an interpretive exhibit in the IT Center lobby. Follow-on services for the City included **Preservation Consultation and Monitoring** for restoration of the entrance to City Hall, and **Paint Analysis** and color recommendations for repainting City Hall. Dr. Jerabek also conducted a **Landscape Analysis** and provided **Plan Reviews** for the City's **Ken Genser Square** and **Tongva Park** projects that received a 2014 *Design Award* from the Westside Urban Forum.

City of Hermosa Beach On-Call Historic Preservation Services. *Project Director.* ESA has performed a number of surveys, Certificate of Appropriateness, and CEQA compliance reviews for historic structures while serving as a historic preservation consultant for the City of Hermosa Beach. Projects include historic resources surveys on three of the oldest commercial buildings in the downtown area of Hermosa Beach for the City of Hermosa Beach: **Bank of America Building** at 90 Pier Avenue, the **Hermosa Hotel** at 26 Pier Avenue, Art Deco-style **Community Center**, and the Neoclassical Revival-style **Bijou Theatre** located at

1221-1227 Hermosa Avenue. ESA prepared a comprehensive assessment of each building, and reviewed all plans for compliance under the local preservation ordinance and CEQA, which stipulate the use of the Secretary of the Interior's Standards for Rehabilitation as mitigation. Upon implementation of rehabilitation work on the Bijou, ESA also monitored all construction work until final completion. ESA was later commissioned to undertake a Certificate of Appropriateness and CEQA compliance review of interior tenant improvements to the Bijou Theater for conformance with the Secretary of the Interior's Standards. ESA has carried out site reviews of the work to examine the scope and nature of selective demolition and new construction, provided guidance on technical preservation matters, and undertook a substantial completion review of the works. Most recently, ESA provided project review for tenant improvements, and conducting construction monitoring and oversight for restoration of ornamental plasterwork in the Bijou Building. Additionally, ESA provided paint analysis and restoration treatment recommendations for the Art Deco-style Hermosa Beach Community Center.

Hermosa Beach General Plan Update and EIR, City of Hermosa Beach, CA. *Project Manager for Cultural Resources/Principal Architectural Historian.* Managed ESA's Cultural Resources scope of work and collaborated with Raimi & Associates and PMC to provide consulting services to the City of Hermosa Beach for preparation of a **Comprehensive Integrated General Plan and Coastal Land Use Plan Update and EIR Focused on Sustainability and Low Carbon Future**. Directed city-wide reconnaissance survey to identify potentially eligible historical resources. Developed historic contexts and themes for the City's historical resources. Reviewed and provided recommendations for revisions to the preservation ordinance. Provided input for preparation of historic preservation goals and policies for the General Plan update. Managed preparation of the cultural resources technical report, and oversaw preparation of the historic resources, archaeological and paleontological discussions and analyses for the EIR.

City of Long Beach, Environmental Consultation and HABS Documentation. Margarita has assisted the City of Long Beach by preparing documentation for the **City Hall and Library Complex HABS** and associated landscape plaza; she provided historic resources support for the City's EIR, and prepared documentation for the **Atlantic Theater HABS** and an **Interpretive Exhibit** for installation in the new North Long Beach Public Library.

City of Whittier, Preservation Consultation Services for the Public Library Rehabilitation Project. Margarita lead a **Historical Resources Assessment and Impacts Analysis** and provided design consultation for rehabilitation of the Modern-style Whittier Library. Constructed in 1958, the property is significant for its association with Mid-Century Modernism, postwar period institutional properties, and architect William Henry Harrison. ESA found that the library possesses sufficient historical significance and architectural merit to convey its significant as an individual resource under National Register Criteria A and C. Margarita's role on the project was to direct and manage the ESA project team, coordinate with the architect and City, provide review and internal quality assurance/quality control to the ESA team in the preparation of both the Historic Resources Assessment to evaluate the significance and integrity of the building, as well as for the plan review that was conducted to evaluate the proposed project's conformance with the Secretary of the Interior's Standards for the Treatment of Historic Properties, and hearing attendance. ESA is

currently completing a **HABS report** as baseline documentation for the rehabilitation project.

City of Burbank, Historic Preservation Consultation Services. Margarita directed preparation of ESA's historic resources technical report and CEQA impacts analysis, and prepared the historic section of the **IS/MND for the Burbank Reservoir No. 1 Replacement Project**, which evaluated the eligibility of the Burbank Reservoir facility and analyzed the potential impacts of the Project for compliance with the CEQA. Margarita directed preparation of ESA's historic resources technical report and historic resources EIR section for the **Burbank Bob Hope Airport Replacement Terminal Project EIR**, which evaluated the eligibility of the buildings and structures for eligibility as a potential historic district and as individual resources, and analyzed the potential impacts of the Project for compliance with the CEQA. While the Airport did not appear eligible as a historic district, ESA evaluated 11 hangars and buildings over 45 years in age as potential individual resources. The majority of the buildings and structures were found ineligible, however, Hangars 1 and 2, which are the earliest intact hangars, were recommended eligible for the National Register, California Register, and for local listing. Under contract with the City of Burbank, Margarita managed and conducted a historic resources impacts analysis and plan review for **Rehabilitation of the Casting Building** as a Fitness Center, by Marmol Radziner and Associates, AIA, located in the Disney Studio's Historic District. The Project repurposed and expanded the existing 4,000 square feet Casting Building on the Studio Lot by about 8,700 square feet for an Employee Fitness Center adjacent to the historic Commissary. Margarita provided design consultation for conformance with the Secretary of the Interior's Standards to rehabilitate the Casting Building as a fitness center. To reduce potential impacts, Margarita prepared a HABS report to record the Casting Building in professional large format HABS photographs and a narrative history and description of the building.

SoCal Historic Resource Surveys. Margarita has managed and conducted several large historic resources survey projects including three surveys for the **Adelante-Eastside** (Boyle Heights), **Wilshire Center/Koreatown**, and **Normandie 5** redevelopment areas that were among the earliest to utilize *SurveyLA* tools and methods and to employ the Multiple Property Documentation Approach, working in close collaboration with the Los Angeles Office of Historic Resources. These surveys have been incorporated into the **Los Angeles Citywide Survey**. Other notable accomplishments include **Hermosa Beach Citywide Survey**, and **Santa Monica North of Wilshire Survey** for which she served as Project Director.

Mills Act Applications and Architectural Conservation. Margarita has assisted applicants in Los Angeles, Beverly Hills and West Hollywood with the preparation of Mills Act Applications. Her expertise in the preservation of Modern architecture is represented by the Landmark nomination and Mills Act Application for Victor Gruen's **Rosenstiel Residence**, 1210 Coldwater Canyon Drive in Beverly Hills. Her forward-looking landmark nomination for a Mills Act application for the Post-Modern **Sun Tech Townhomes** in Santa Monica, illustrates her broad ranging knowledge in resources of the recent past. Her conservation and interpretation skills are represented by the award-winning **Montebello Home Savings and Loan** project that involved cleaning and restoration of the historic bank building and art works designed by Millard Sheets Studio, and design and installation of a 5-panel interpretive exhibit and rediscovery of a lost tapestry originally designed for the building, for which she received a *California Preservation Design Award, 2016*. Her in-depth and award-winning preservation work includes the **RMS Queen Mary Survey of Fine**

and Decorative Art, the **RMS Queen Mary Historic Structure Report**, and the **Queen Mary Conservation Management Plan** (*California Preservation Foundation Preservation Design Award, 2012*).

Environmental Documentation and Compliance with CEQA. Margarita has prepared a full range of CEQA documentation for historic preservation projects throughout greater Los Angeles including Categorical Exemption Letters, assessments and plan reviews for Certificates of Appropriateness, Initial Studies/MNDs, Focused EIRs, and EIRs. A partial list of important environmental documents for projects in Los Angeles involving substantial historical analysis completed by Dr. Jerabek-Bray includes the **LAX Specific Plan Amendment Study EIR, Academy of Motion Pictures Project EIR, The New Century Plan EIR for Westfield, Washington Square EIR, Sunset Doheny Mixed-Use EIR, One Santa Fe Mixed-Use MND, Lindbrook & Gayley Mixed-Use MND, 6230 Sunset Mixed-Use Project EIR, Hollywood Center EIR, Palladium EIR, Sunset and Crescent Heights EIR, and Yucca and Argyle EIR**. In Santa Monica she contributed to the **Fairmont Miramar Hotel & Bungalows Revitalization Plan EIR, St. John's Health Center Development Agreement Addendum EIR, Santa Monica Pier Gangway Project and Phase 4 Structural Upgrade**, and CEQA support for the **Santa Monica-Malibu Unified School District-Wide Facilities Plan**. In Pasadena her experience includes the **Glenarm Power Plant Repowering Project EIR**. In Long Beach she provided expertise and support for the **Art Exchange Redevelopment Project EIR** support, and the **Golden Shore Master Plan EIR**.

Educational Facilities and University Campuses, CA. *Principal Investigator/Project Manager.* Dr. Jerabek-Bray has conducted numerous evaluations of school and university campuses throughout Southern California. Under ESA's on-call contract with the Los Angeles Unified School District, she has managed and completed over 30 task orders involving historic resources, including campus assessments, character-defining features analysis, and project reviews for compliance with CEQA. For example, Margarita managed and conducted preparation of a historic resources technical report for Jefferson High School and provided preservation design consultation for this site-specific school upgrade and modernization project under the District's School Upgrade Program (SUP). The proposed project included the rehabilitation of existing character-defining buildings and landscapes, demolition and removal of non-contributing buildings, and construction of new facilities. Rehabilitation work included modernization and seismic upgrade to existing buildings. Because the school site is considered a historical resource under CEQA, Margarita provided design consultation for conformance with the Secretary of the Interior's Standards to reduce potential project impacts to less than significant. Once project plans were developed, Margarita oversaw review of the proposed project by ESA historic staff and completed impacts analysis findings regarding potential project impacts to identified historical resources that would be affected by the project. Margarita also provided project management, oversight and contributed to the preparation of CEQA and NEPA procedural guidelines to help the Los Angeles Unified School District (LAUSD) to comply with the historical resources requirements of CEQA and NEPA, and to implement practical approaches to preserving culturally significant resources whenever possible. The LAUSD's Office of Environmental Health and Safety requested the preparation of CEQA and NEPA guidelines, in addition to design guidelines and treatment approaches, specifically in support of the School Upgrade Program, and generally to guide ongoing repair and maintenance work on these sites. The guidelines build upon the District's ongoing efforts to identify historical

resources, including the recently updated Historic Context Statement, survey of 55 campuses, creation of an ArcGIS-compatible database with current and previous survey results, and a Historic Resources Inventory. Dr. Jerabek-Bray worked with LAUSD and facilities staff to determine the scope, class, and type of projects that would impact historical resources and need to be addressed in the procedural guidelines. As a final work product, Dr. Jerabek-Bray authored a CEQA and NEPA procedural guidelines document that included the following sections: introduction, regulatory setting, environmental setting, project description, management and planning guidelines, procedural low charts for CEQA and NEPA/Section 106, and standard mitigation measures.

Margarita served as the project manager and principal investigator for the district-wide cultural resources survey for Long Beach Unified School District (LBUSD) which included the evaluation of 70 potentially eligible District school facilities for listing in the National Register and California Register, and included preservation guidelines for the district-wide facilities modernization program. She conducted CEQA Compliance reviews for select projects including rehabilitation of Long Beach Polytechnic Auditorium and Woodrow Wilson Auditorium. Margarita completed a district-wide historic resources survey for the Santa Monica Unified School District, and provided preservation consultation for modernization and additions to selected school sites.

As part of the larger USC Master Plan Project Margarita prepared a historic resources analysis for the USC Student Union Project IS/MND evaluating the Formalist Modern Norman Topping Center and impacts to the adjacent Commons Building and surrounding historic district. She also prepared a HABS report for the Schoenburg Institute at USC. Other HABS reports for educational facilities include the Gymnasium at the University of La Verne, and the Administration Building at Harvard-Westlake Academy.

Harkham Hillel Hebrew Academy Renovation and Expansion Project, Historic Resources Assessment and Impacts Analysis, Beverly Hills, CA. *Principal Investigator/Project Manager*: Margarita directed the historic significance analysis of two school buildings—the original Oakhurst Building designed by master architect Sydney Eisenshtat in 1963 in the Modern Style and the Doheny Building constructed in 1989 and designed by Harshad Patel. She oversaw preparation of an intensive-level Historic Resource Assessment Report for the two buildings in accordance with the California Office of Historic Preservation's requirements for preparing historic resource evaluation reports. ESA found that the Oakhurst Building is eligible for listing on the National Register of Historic Places and the California Register of Historical Resources under criteria A/1 and C/3, but it did not meet the requirements for local eligibility under the City of Beverly Hills criteria. The client plans to rehabilitate the existing buildings, which would be updated for current use and continue to function as school buildings. The proposed project would add two additions to the rear of the property in order to accommodate additional classroom and gymnasium space. Margarita oversaw preparation of a character-defining features analysis and provided design consultation for conformance with the Secretary of the Interior's Standards to reduce potential project impacts to less than significant. She also conducted an impacts analysis of the proposed project and prepared a preservation plan that was incorporated into the project as a project design feature to ensure the project would meet the Secretary's Standards for Rehabilitation. The project has been reviewed and approved by the City of Beverly Hills as an Initial Study/Mitigated Negative Declaration.

Rehabilitation of the Dunbar Hotel, 4255 S. Central Avenue, Los Angeles, CA. *Project Manager/Principal Architectural Historian.* As a Project Manager, Dr. Jerabek-Bray directed a careful space-by-space inventory of character-defining features (including all windows) associated with the Dunbar Hotel's period of significance (1928-1970). This included photo documentation of each feature along with a written description, condition, and treatment options. ESA recorded 425 character- defining features and spaces into an electronic database. Dr. Jerabek was principal author for the rehabilitation report that included a project description, methods, historical background and construction history, accompanied by historic photographs, an architectural description of existing conditions, a maintenance plan for high-integrity features, a restoration plan for low-integrity features, and a replication plan. The written report also provided a list of any issues and concerns that should be taken into account during the building rehabilitation and for the long-term preservation of the Dunbar Hotel. The hotel reopened in June 2013 as a senior living facility amidst local fanfare, "An encore for the historic Dunbar Hotel," Los Angeles Times, June 11, 2013. The project was the recipient of the 2014 *Westside Prize* from the Westside Urban Forum and recipient of a 2014 *Preservation Award* from the L.A. Conservancy.

Historical Resources and Preservation Consulting Services for The Culver Studios, Culver City, CA. *Project Manager/Principal Architectural Historian.* Since late 2014, Dr. Jerabek-Bray and ESA' s Historic Resources Practice has provided a suite of services including historical resources evaluation, environmental review and documentation, and historic preservation consultation services for the CPA-6 Specific Plan, and the CPA-7 Specific Plan known as "The Innovation Plan," a blueprint for the future of The Culver Studios. Dr. Jerabek is the point of contact for historic services, attends client and city meetings, attends public hearings, provides technical direction and advice, directs and conducts the preparation of report deliverables, directs and conducts construction monitoring, and acts as the City's preservation officer for the Innovation Plan. The Plan will transform the 14.3-acre Studio into a new media production hub, keeping the Studio on the vanguard of changing production practices in the entertainment industry. The Culver Studios is a motion picture studio in downtown Culver City established in 1919 by Thomas Ince, and eventually became the home of RCA, one of the "Big Eight" major motion picture companies in the Los Angeles metropolitan area. The Studio was the production site of historically significant motion pictures like King Kong, Gone with the Wind, and Citizen Kane. The Innovation Plan will restore and re-group historic structures adjacent to the Mansion, build new support buildings near existing historic sound-stages, and establish a creative campus in the core of the 14.3-acre studio lot. The Studio's 100-year history will be showcased, historic bungalows will be preserved, and original landscaping in front of the Mansion will be restored. The Innovation Plan balances the need to provide state-of-the-art studio facilities, while retaining the Studio's unique ambiance and prominent place in the community. ESA surveyed and evaluated the Studio's historical resources, provided input to the development of The Plan to reduce impacts to historical resources, completed HABS report for Bungalows S, T, U and V, prepared a Relocation and Rehabilitation Plan for the bungalows, conducted construction monitoring for relocation of the bungalows, conducted plan reviews for tenant improvements to the Mansion and associated historic buildings in the historic core, conducted a landscape analysis, and provided documentation and input for the landscape restoration. ESA also prepared the environmental documentation for The Innovation Plan EIR, and is

implementing the mitigation program for historical resources including HABS documentation of Stages 2/3/4 and a salvage program, preparation of a preservation plan for the Studio, and development of an interpretive program for the Studio.

Historic Resources and Preservation Consultation Services for the Redevelopment of the Fred C. Nelles State Reform School, Whittier, CA. *Project Manager/Principal Architectural Historian.* The Fred C. Nelles Correctional Facility is a listed California State Landmark, and is significant as the state's first reform school for boys. The 1920s-1930s Tudor Revival-style campus is currently vacant and will soon be redeveloped as a multi-use residential and commercial project, "The Groves", entitled under the certified Lincoln Specific Plan EIR. For over a decade, Dr. Jerabek-Bray has been providing Historic Resources and Preservation Consultation services to the developer, Brookfield Homes. Work began with preparation of a historic resources assessment report to clarify the regulatory status and assessed the potential eligibility of a historic district. No district was found to be present, but eight individual resources were identified. Margarita conducted an opportunities and constraints analysis and provided input to the developer on managing impacts to historic resources and the feasibility of adaptive reuse of the individual buildings for the project. She directed preparation of feasibility studies for the EIR, that were peer reviewed by the City's consultants. She provided peer review of the Lincoln Plan EIR on behalf of the developer, and attended city meetings and hearings for the EIR. Once the EIR was certified, she worked with the developer's architect to prepare rehabilitation plans for the individual resources to be retained and adaptively reused. The rehabilitation plans were peer reviewed by the City and the City's preservation consultant. She directed ESA's historic team in the completion of a HABS/HALS for the campus, with photography by Positive Image. She also worked with Eye-Glass Productions on a documentary film, and oral histories. Dr. Jerabek-Bray assisted the client to implement a full suite of mitigation measures including a heritage trail, a signage program, oral histories, salvage program, and construction monitoring for rehabilitation historic buildings. She recently completed consultation services and construction monitoring for adaptive reuse of the school's Commissary as a community center (The Commons), which is the first historic building to be restored. The Commons project received a Gold Nugget merit award (2020) for best rehabilitation project from Pacific Coast Builders Conference (PCBC).

Home Savings and Loan Art and Architecture Conservation Services, Interpretive Exhibit, Montebello, CA. *Project Manager/Principal Investigator*. Margarita provided project management and oversight for the conservation work of the art and architecture and an interpretive exhibit for the Montebello branch of Home Savings and Loan Association. Constructed in 1973, the Montebello branch was designed by Millard Sheets (1907–1989), an accomplished, nationally prominent artist and designer, with integrated art works by the Millard Sheets Design Company. The building and art works were preserved in preparation for the building's new use as a medical office by PIH Health. ESA provided oversight for the conservation work undertaken by Preservation Arts. Additionally, Margarita assisted with the development of a project schedule, conducted conservation monitoring and documentation, and provided project oversight during the implementation of the conservation project to ensure that the cleaning and repair of the art works and exterior architectural materials was conducted in accordance with accepted standards for art and architectural conservation work, that the work completed is of acceptable quality, and that the project stayed on schedule and within budget. After the conservation work was completed, she oversaw the development of an interpretive exhibit to

beautify the interior and protect the building's important art, architecture, and history. The exhibit contains professionally mounted permanent narrative panels and photographic enlargements with captions illustrating the key information about the Montebello Branch and its historic use. One of the highlights of the interpretive exhibit is a reproduction of the original tapestry hung its original location for which ESA coordinated with the Mingei International Museum. The project was the recipient of a prestigious 2016 *Preservation Design Award* from the California Preservation Foundation.

Rancho Los Amigos South Campus EIR, County of Los Angeles, Department of Public Works, Downey. CA. *Project Manager/Principal Architectural Historian*. The County of Los Angeles (County) proposes redevelopment of a portion of the Rancho Los Amigos (RLA) South Campus which is located in the City of Downey. The 74-acre RLA South Campus was the home of the "Los Angeles County Poor Farm" that was established in 1880s to provide room and board to indigent citizens in exchange for agricultural labor, then served as an infirmary and later evolved into a hospital facility in 1932. The RLA South Campus functioned as a major hospital complex from 1956 to the 1990s, when it was abandoned. The RLA South Campus is currently unoccupied and has been designated as the RLA Historic District in the National Register of Historic Places. The County is proposing redevelopment of a 21-acre portion of the RLA South Campus with County uses, including a Sheriff's Station Crime Laboratory, Internal Services Department Headquarters, and Probation Department Headquarters. The project will include supporting parking and installation of utilities and other features on a site that has been abandoned for nearly 30 years. Building demolition and/or repurposing or relocation of existing buildings will be required. ESA lead the CEQA process on behalf of the County, including preparation of all technical studies in support of a full-scope EIR for the RLA South Campus Project. This included a Historic District Evaluation, archaeological surveys, traffic, water supply, arborist services, and all other CEQA-required topics. ESA is also served in an Executive Consultant role to the County, to advise on other potential future projects at the RLA Campus.



Alison Garcia Kellar

Senior Architectural Historian

EDUCATION

MS, Historic Preservation, University of Pennsylvania

BA, Design, University of California at Davis

9 YEARS OF EXPERIENCE

PROFESSIONAL AFFILIATIONS
Latinos in Heritage Conservation, Education Committee Member

California Preservation Foundation, Member

Society of Architectural Historians, Member

National Trust for Historic Preservation, Member

AWARDS
Albert Binder Travel Fellowship, 2012 and 2013

PennDesign Departmental Grant, 2011-2013

PRESENTATIONS
California Preservation Foundation Conference: Panelist on modernism in 'Becoming Silicon Valley,' and 'Documenting Hispanic Heritage' tour leader, 2018.

UCDavis Undergraduate Design Studio Lectures: 'Historic Preservation in Northern California,' 2014 and 'PennDesign Thesis: 20th Century

Alison is a senior architectural historian with 9 years of professional and academic experience with a background in historic preservation, design, and museum collections. Her work with historic resources and cultural heritage in California has included managing and authoring historic resource assessments, National Register Nominations, historic structure reports, feasibility studies, Federal Historic Preservation Tax Credit applications, in addition to extensive archival research and resource documentation. Alison applies her understanding of preservation design and historic interiors to inform impacts analyses of proposed development and recommendations for adaptive reuse.

Relevant Experience

Whittier Public Library Historic Resources Assessment, Whittier CA. *Senior Architectural Historian.* Alison was the lead author of the Historic Resources Assessment which determined that the library is significant as an individual resource under National Register Criteria A and C. Constructed in 1958, the property is significant for its association with Mid-Century Modernism, postwar period institutional properties, and architect William Henry Harrison. Alison assembled the construction history for the library and the Whittier Civic Center. She created a detailed character-defining features analysis identifying significant and contributing features at the property's interior, exterior, and site. Alison coordinated with the project architect to ensure that the project met the SOI Standards in order to meet community's contemporary needs while respecting the building's historic character. Alison authored and oversaw the production of a HABS report to document the library building prior to selective demolition and project construction.

Earl Carroll Theatre Historic Structure Report, Los Angeles, CA. *Senior Architectural Historian.* Alison was the lead author of the Historic Structure Report created for the rehabilitation of the historic Earl Carroll Theatre in Hollywood. Constructed in 1938, the property is significant for its association with owner-operator Earl Carroll, Hollywood nightlife, and architect Gordon B. Kaufmann. The theatre is a listed LA Historic-Cultural Monument and has been identified as eligible for the National Register. In recent years, the theatre has been rented by television network studios as sound stages, and as a result some public areas have been modified over time. Alison conducted supplemental in-depth research, participated with the creation of a detailed interior and exterior character-defining features analysis, and assisted with the analysis of the theatre's current condition. She developed recommendations in compliance with the SOI standards that sensitively guide stakeholders with ongoing preservation efforts.

Alpine Village Preservation Consulting Services, Unincorporated Los Angeles County, CA. *Senior Architectural Historian.* Alison was the lead author of the preliminary historical significance evaluation determination for the Alpine Village complex, a European-style shopping center located near Torrance, California. Comprised of seven buildings constructed between 1969 and 1974, the complex is an example of an increasingly rare type of roadside architecture, and retains high historic integrity. Alison participated in conducting in-depth construction chronology research, determining the complex's period of significance, and identified both interior and exterior character-defining features for the property to help guide ongoing planning efforts.

1202 3rd Street Promenade Preservation Consulting, Santa Monica, CA. *Senior Architectural Historian*. Constructed in 1949 as a JC Penny department store, the commercial building was designed in the Late Moderne style. ESA previously worked to produce a Landmark Assessment Report, and today, the property is recognized as a City of Santa Monica Landmark. Alison conducted a SOI Standards conformance review of a proposed tenant improvement project for a Certificate of Appropriateness.

1221 Hermosa Avenue Preservation Consulting, Hermosa Beach, CA. *Senior Architectural Historian*. ESA serves as a historic preservation consultant to the City of Hermosa Beach, and has a longstanding relationship with the building at 1221 Hermosa Boulevard, known as the Bijou Building. The building is a former historic theatre and bank designed in the NeoClassical Revival style, constructed in 1923. Alison evaluated proposed tenant improvement modifications including the removal of non-original features and the retention of original features related to original theatre and bank uses. Alison has conducted design reviews which included an understanding of all modifications to the space over time, character-defining features analyses, and reviews of proposed plans against CEQA thresholds and the SOI Standards for compliance. Alison is currently participating with overseeing the construction monitoring efforts for the theatre space as part of this ongoing project.

Celes King III Swimming Pool Historic American Building Survey, Los Angeles, CA. *Senior Architectural Historian, Deputy Project Manager.* ESA was hired to conduct HABS documentation for the City of Los Angeles Park and Recreation Department. Constructed in the early 1960s, the Celes King III Swimming Pool was designed by architect Albert Criz in the Mid-Century Modern-Expressionist style. Alison conducted in-depth research related to the history of the surrounding recreational complex, construction of the swimming pool, architect, and neighboring communities.

3325 Monterey Road CEQA Impacts Analysis and Design Review, San Marino, California. *Senior Architectural Historian.* A two-story Art Deco style single-family residence, constructed in 1927 in San Marino, California was determined to be a historic resource. Proposed modifications to the residence included a two-story rear addition and building rehabilitation. Alison assisted with preservation design consultation and conducted a plan review for conformance with the SOI Standards for the proposed project. She coordinated with the project architect to better convey preservation components of the proposed work into the drawing

set for city review. The review required a character-defining features analysis to determine the level of significance of the remaining features.

Benjamin Franklin Elementary School Historic Resource Evaluation and Mitigated Negative Declaration, San Diego, CA. *Senior Architectural Historian.* Alison conducted an HRA for the 1930s, 40s, and 50s-designed elementary school campus. The property was found to be a historic district eligible for its association with the post-war development of the Kensington neighborhood, and for its association with two master San Diego architects. The proposed project was reviewed for compliance with the Secretary of the Interior's Standards, and a CEQA analysis was performed, resulting in the Mitigation Measures and design considerations for future construction within the district. Alison authored and oversaw the production of a HABS report to document the campus and its buildings prior to project construction.

Marston Middle School Historic Resource Evaluation, San Diego, CA. *Senior Architectural Historian.* Alison conducted an HRA for 1954 constructed middle school campus. Comprised of seven buildings, the property was found to be a historic district eligible for its association with the post-war development of Clairemont, and for innovative master planned campus that exemplified indoor-outdoor Mid-Century Modern schools of the era. The proposed project to modify the campus and upgrade the historic buildings was reviewed for compliance with the SOI Standards, and a CEQA analysis was performed, resulting in the Mitigation Measures and design considerations for future construction within the district.

Universal Hilton Historic Resources Technical Report and Environmental Impacts Report for 555 W Universal Terrace Parkway, Los Angeles, CA. *Senior Architectural Historian.* The Universal Hilton Hotel was designed by master architect, William L. Pereira in 1983 in the Postmodern style. As one of Pereira's final commissions, the hotel building was originally part of a master plan and was designed to accommodate visitors to the expanding Universal Theme Parks. Alison conducted in-depth architect and postmodern style research, and evaluated the property for historic significance as part of the Historic Resources Technical Report.

California Department of Water Resources, Pools 20/21 and 17/18 Liner and Embankment Raise Project, Coalinga, CA. *Senior Architectural Historian.* Alison conducted the reconnaissance-level windshield survey to document potentially eligible historic resources present at the California Aqueduct project site. A character-defining features table and historic contexts are being produced for the evaluation which will evaluate potentially eligible resources under applicable national, state, and local criteria. Alison is serving as a co-author on the cultural resources report and will conduct an analysis of the potential for indirect effects to eligible resources.

Cross Creek Cultural Resources Assessment, Malibu, CA. *Senior Architectural Historian.* The owner of several parcels of undeveloped land along Cross Creek in Malibu requested a feasibility-level Cultural Resources Assessment study prior to determining a desired program for development. The former agrarian land included four industrial buildings. Alison conducted extensive archival research, reviewing County-issued building permits and historic aerial photographs in order

to document the property's development over time. Alison authored developmental contexts related to the residential and commercial development of the former agricultural land at the project site. The property was evaluated for historic significance under local, state, and national framework, which aided to assist the client with future planning for the site.

Los Cerritos Wetlands Restoration Plan Program, Cultural Resource Assessment, Seal Beach, CA. *Senior Architectural Historian.* The Los Cerritos Wetlands Restoration EIR project will reinstate historic wetlands to a previously developed oil rig/production site that has been in operation since the early 20th century. As part of the larger restoration plan program, ESA was hired to conduct a cultural resources study to observe, document, and prepare preliminary mitigation measures related to identified built environment resources. Alison collaborated with the archeology team during a field visit to identify potential sites for later investigative studies. She reviewed historic aerial photographs, and conducted research to determine the companies and general ages of oil-industry related infrastructure including oil rigs, operations sheds, and decommissioned tank farms. Mitigation recommendations presented for the structures included Historic Resource Assessment reports to be conducted in the future.

1101 N. Vermont Avenue Historic Resource Assessment, Los Angeles, CA. *Senior Architectural Historian.* The client is proposing to redevelop a site with a previously identified historic resource, a Mediterranean Revival commercial building constructed in the 1920s. Alison oversaw and co-authored the production of a Historic Resource Evaluation (HRA) to establish the building's historic significance, which included extensive research about the building, its site, associated designers, relevant patterns of development, and an analysis of the building's historic integrity. Upon completion of the HRA report, the optional service of design advice and preservation guidance may be employed to assist the client in the preparation of a CEQA impacts analysis, Standards review, and mitigation recommendations as the client moves forward to redevelop the property while maintaining a portion or all of the historic resource intact.

McDonnell Hall/Our Lady of Guadalupe Chapel Historic Structure Report, San Jose, CA. *Architectural Historian, Project Manager.* Constructed as a parish church in 1914, the building moved to its current location in 1953. Here, the building served as a newly formed Catholic Mission, the Center of Our Lady of Guadalupe. The property is associated with civil rights activist and labor rights leader Cesar Chavez, and the mid-20th century Mexican American civil rights movement. Alison assisted with the research, production, and design recommendations, including bringing the building back to its appearance during its period of significance, which required a meticulous analysis of the building's historic integrity. The property today is listed as a National Historic Landmark.

Historic YMCA Hotel Preservation Consulting in the Embarcadero, San Francisco, CA. *Senior Architectural Historian, Project Manager.* Built in the early 20th century, the building was formerly a YMCA hotel used by young navy men and is currently a hotel along the waterfront with an adjacent YMCA recreational center. The hotel was proposing modifications which included rehabilitation work and reconfiguring the interior lobby space. Alison researched and documented the interior evolution by reviewing old plans, movies filmed on-location, post

cards, and existing fabric. She established the building's construction chronology with a focus on the building's public spaces at the interior, overseeing the entire production of the report and created recommendations to update the client's proposed plans which included acceptable sensitive modifications to historic features and recommendations for potential future demolition.

Palo Alto History Museum Historic Preservation Consulting, Palo Alto, CA. *Architectural Historian.* The Spanish Revival style Roth Building was the original location of the Palo Alto Medical Foundation. The former medical building is undergoing a conversion into a local history museum with gallery space, interpretive areas, and archival and study rooms. Alison assisted with secondary research efforts of both the medical foundation and the building, upon modifications to the museum's scope of work. She conducted a Part 2 Federal historic rehabilitation tax credit application review which included recommendation to best comply with the Secretary of the Interior's Standards for Historic Preservation.

Half Moon Bay Barn and Jail Museum Historic Resource Evaluation and Preservation Consulting, Half Moon Bay, CA. *Senior Architectural Historian, Project Manager.* The City of Half Moon Bay was working with a local historical society to implement a history museum at the site of its early 20th century jail and adjacent barn. Alison conducted an in-depth historic resource assessment then reviewed proposed plans for buildings and site modifications to accommodate gallery space, offices, and archival storage. Coordinating with project architects, she assisted with the creation of recommendations for project compliance with the Secretary of the Interior's Standards for Rehabilitation

Toscano Hotel Preservation Consulting, Sonoma State Historic Park, Sonoma, CA. *Senior Architectural Historian.* The two-story wood framed Toscano Hotel was constructed in the 1850s and is a contributing resource to the Sonoma Plaza National Historic Landmark District and the Sonoma Plaza National Register Historic District. Alison conducted Secretary of the Interior's Standards reviews of proposed changes to the interior of the building. Proposed changes included the conversion of a portion of the building from a hotel saloon museum display area into a retail concession area for the California State Parks. Project recommendations included sensitive design solutions to maintain original features.

Golden Gate Village Historic Resource Evaluation, Marin City, CA. *Senior Architectural Historian, Project Manager.* The Golden Gate Village low-income housing complex was constructed in 1958 to house many of the former Marinship workers and their families. Designed by notable mid-century designers including Aaron G. Green, John Carl Warnecke, and Lawrence Halprin, the property serves as an example of a well-designed housing complex, significant as a product of post-war urban development and for its prominent mid-century designers. Alison performed the site visit and conducted research through local and private archival repositories, plan analysis, and interviews, to produce the report narrative and historic evaluation for the property. Today, the property is listed on the National Register of Historic Places.

Lockheed Missiles and Space Historic American Building Survey (HABS), Sunnyvale, CA. *Architectural Historian, Project Manager.* The Lockheed Martin Space Systems Company had an important association with the development of the defense industry and advanced communications systems in the San Francisco Bay Area. Large-scale technological contributions to defense-related pursuits were achieved here through aerospace manufacturing, research, and development. Subject buildings were utilitarian, constructed of concrete tilt-up construction and were representative of industrial buildings developed for sensitive defense purposed of the era. Alison conducted a site visit, coordinated professional photography, and conducted extensive archival research to create the narrative for the HABS documentation in accordance with NPS standards. She assisted in providing the client with mitigation measures and coordinated with municipal agencies throughout the project development and submission process.

Delta Feasibility Study, Walnut Grove, CA. *Senior Architectural Historian, Project Manager.* Three historic buildings were identified for feasibility studies, including the adaptive reuse of a church for artist live/work and performance/gallery space; the adaptive reuse of a one-roomed school house into a community center; and the construction of a park to commemorate Asian American Heritage. Work included a market demand analysis, conceptual plan, cost estimate, and potential partnerships and funding. Serving as the project manager and primary author, Alison coordinated site visits and served as the day-to-day contact for the sub consultant team. She undertook extensive primary source research, she assisted with the creation of rehabilitation recommendations.

915 Laurel Avenue Preservation Consulting, San Mateo, CA. *Architectural Historian.* Alison conducted a Historic Resource Assessment of a one-story Spanish Revival home, and later performed a Secretary of the Interior's Standards review of proposed modifications to add more square footage to the historic home. Guided the property owner to refine their concept while working closely with San Mateo Panning to come to an agreeable solution for the historic property to maintain its aesthetic within the neighborhood, while achieving more space.

630 Purissima Street Historic Resource Assessment and Preservation Consulting, Half Moon Bay, CA. *Senior Architectural Historian, Project Manager.* Alison conducted a Historic Resource Assessment and an analysis of proposed modifications to an early 20th century Craftsman-style home. Working closely with the City of Half Moon Bay, she provided the building owner with design recommendations and guidance compliant with the Secretary of the Interior's Standards for Rehabilitation.

1303 North Central Avenue Historic Resource Assessment, Glendale, CA. *Senior Architectural Historian.* Alison oversaw and conducted the HRA for a 1960s multi-family apartment complex located in the West Glendale neighborhood. Comprised of three two-story interrelated structures and a central open-air courtyard, work included an intensive field visit to the property site, research at local repositories and the Glendale Planning Division, original plan review, and a thorough understanding of existing related context statements. While the project was reflective of a garden apartment of its era, ESA determined that the property did not rise to a level of historic significance warranted for listing on the National Register or California Register.

311 and 317 5th Street, Huntington Beach Historic Resource Assessment and CEQA Impacts Analysis, Huntington Beach, CA. *Senior Architectural Historian.* Alison prepared an HRA for two subject buildings, followed by CEQA and SOI analyses for their proposed redevelopment. The HRA includes a shared property development for the two adjacent parcels, one which is improved with a Craftsman-style residence, and the other improved with a Zigzag Moderne commercial building. Research included an analysis of previously prepared historic surveys of the area, extensive property research, and historic integrity. Recommendations for the project to better comply with the SOI Standards and with CEQA regulations were created.

930 S. Mansfield Historic Resource Assessment and CEQA Impacts Analysis, Los Angeles, CA. *Senior Architectural Historian.* Alison coordinated efforts to prepare an HRA which included an update to the surrounding historic district and an impacts analysis for a proposed project. Several contributing structures in the Mediterranean Revival and Spanish Revival residential historic district had recently been demolished or heavily altered. Alison conducted a design review of a proposed contemporary 6-story multi-family project at the project site that would sit amidst the extant low-profile revival style buildings in the historic district. Alison created recommendations for a more compliant new project design within the district.

Appendix B
Morningside HS DPR Form

ESA

State of California □ The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #____
HRI #
Trinomial
NRHP Status Code 3D, 3CD
Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 **of** 27 ***Resource Name or #:** (Assigned by recorder) Morningside High School Historic District
P1. Other Identifier: Morningside High School
***P2. Location:** □ **Not for Publication** ☒ **Unrestricted**
***a. County** Los Angeles **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** _____ **Date** _____ **T** __; **R** __; __ □ **of** __ □ **of Sec** __; ____**B.M.**
Address 10500 Yukon Avenue South City Inglewood Zip 90303
UTM: (Give more than one for large and/or linear resources) Zone 11S , 376831.99 mE/ 3756294.77 mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
APN: 4030-033-901

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The 48-acre campus currently includes the following classroom buildings: Buildings B, C, E, G, I, J, K, L, S, T, V, and W. In addition to classroom buildings, the campus includes Building A, Administration; Building H, Transportation; Building M, Girls Locker Room; Building N, Gymnasium and Pool; Building Q, Boys Locker Room; Building R, Cafeteria; Building U, Auditorium. The existing campus buildings are Buildings A through W, and are generally located in the northwestern portion of the overall site. Extensive original features include tennis courts and a baseball field with fencing and a brick dugout structure which are located east of the classroom buildings, adjacent to West 104th Street. A football field and basketball courts are located to the south of classroom buildings, adjacent to Yukon Avenue South and residential homes. [See Continuation Sheets]

***P3b. Resource Attributes:** (List attributes and codes) HP 15. Educational building, HP 12. Civic Auditorium

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



***P4. Resources Present:**
☒ Building □ Structure □ Object □ Site ☒ District □ Element of District □ Other (Isolates, etc.)
P5b. Description of Photo: (view, date, accession #) Building U, Auditorium view northwest
***P6. Date Constructed/Age and Source:** ☒ Historic □ Prehistoric □ Both 1950-1956, newspaper articles, historic aerial photographs
***P7. Owner and Address:** Inglewood Unified School District, 401 South Inglewood Ave., Inglewood CA, 90303
***P8. Recorded by:** (Name, affiliation, and address) Alison Garcia Kellar, ESA, 626 Wilshire Blvd., Suite 1100 Los Angeles, CA 90017
***P9. Date Recorded:** February 2023
***P10. Survey Type:** (Describe) Intensive Pedestrian
***P11. Report Citation**: (Cite survey report and other sources, or enter "none.")
ESA, Morningside High School Site Upgrade Project, Inglewood, California: Historic Resource Assessment and Impacts Analysis, February 2023

***Attachments:** □NONE □Location Map ☒Continuation Sheet □Building, Structure, and Object Record
□Archaeological Record ☒District Record □Linear Feature Record □Milling Station Record □Rock Art Record
□Artifact Record □Photograph Record □Other (List): _____

***D3. Detailed Description** (Discuss overall coherence of the district, its setting, visual characteristics, and minor features. List all elements of district.):

Landscaping includes shade trees, flowers, and shrubbery located toward the center of campus, sloping areas toward the northern portion of the site, and grassy areas in between walkways and at the aforementioned recreational fields. Hardscaped elements include brick planters and brick walls, interconnected concrete pathways, walkway coverings with metal awning structures supported by metal poles, paved concrete areas, concrete steps with metal handrails, metal fencing, asphalt paved parking lots, and a metal shade structure with picnic tables. [See Continuation Sheets]

***D4. Boundary Description** (Describe limits of district and attach map showing boundary and district elements.):

Located in the Morningside Park neighborhood of Inglewood, the parcel that comprises the Morningside HS campus is generally rectangularly shaped and bound to the north by W. 104th Street, to the west by Yukon Avenue, to the south by residential development, and to the east by Woodworth Elementary School and Monroe Middle School. The contributing buildings sit in the northwestern portion of the campus parcel. [See Continuation Sheets for map with boundary and district elements]

***D5. Boundary Justification:**

Extents of parcel owned by Inglewood Unified School District.

D6. Significance: Theme History of Inglewood: Settlement, Development and Growth (1822-present); Inglewood Unified School District: Early History, Establishment and Expansion (1905-prsesent); Mid-Century Modernism/Regional Modernism (1945-1960): Postwar Modern Functionalist School Plants, and; African American Migration Patterns/Communities of South Los Angeles and Inglewood, and Integration at Morningside High School (1962-1969) **Area** Inglewood
Period of Significance 1950-1956; 1962-1969 **Applicable Criteria** 1/A, 3/C
(Discuss district's importance in terms of its historical context as defined by theme, period of significance, and geographic scope. Also address the integrity of the district as a whole.)

Under National Register Criterion A and California Register Criterion 1, Morningside HS is associated with the challenges of public-school integration in California and within the City of Inglewood itself. Due to several key events, including the end of discriminatory housing policies, the movement of Black Angelenos to certain parts of Inglewood, and the Watts riots of 1965, the quickly changing racial demographics at the high school similarly reflected the quickly changing racial demographic of the City and its communities alike. The period of significance for Morningside HS's integration ranges from 1962 to 1969, which spans the arc of the first Black students enrolling at the school to the establishment of the Black Student Union, which also largely corresponded with the broader shift in the City's racial demographics. [See Continuation Sheets]

***D7. References** (Give full citations including the names and addresses of any informants, where possible.):

[See Continuation Sheets]

***D8. Evaluator:** Alison Garcia Kellar, ESA **Date:** February 2023

Affiliation and Address:
Environmental Science Associates, 550 W. C Street, Ste. 750, San Diego, CA 92101

***D3. Description (continued)**:

The following 16 buildings contribute to the eligibility of Morningside HS as a historic district under National Register Criteria A and C, and California Register Criteria 1 and 3: Buildings B, C, D/E, F, G/U, H, I, J, K, L, M, N, Q, R, S, and T and the associated campus landscape are considered contributors to the potential Morningside HS historic district.

Character-defining features of the Mid-Century Modern style present in the plant campus type at Morningside HS are as follows:

Campus Site Character-Defining Features

- Extensive use of sheltered exterior corridors, with flat or slightly sloped roofs supported by posts, piers, or pipe columns
- Mature trees throughout
- Expansive lawns of manicured grass
- Sloped topography of site
- Football field with surrounding track
- Concrete walkways and circulation patterns
- Concrete steps and metal handrails
- Flagpole along Yukon Avenue
- Parking lot along Yukon Avenue

Campus Architectural Character-Defining Features

- Horizontal design composition and massing; generally one to two stories
- Simple geometric volumes
- Flat or shed roof, often with wide, cantilevered overhangs
- Exterior materials include stucco, brick, or concrete
- Modular design
- Aesthetic qualities derive from use of simply treated materials and excellent craftsmanship
- Direct expression of structural systems, often in wood or steel post-and-beam
- Lack of historicizing ornament
- Generous expanses of fenestration, including bands of grouped multi-light aluminum and steel frame windows[1]

[1] Sapphos Environmental, Inc. “Los Angeles Unified School District: Historic Context Statement, 1870 to 1969,” Prepared for the Los Angeles Unified School District Office of Environmental Health and Safety

Morningside High School Establishment and Construction History

Prior to the original construction of the Morningside HS, the land was largely undeveloped with farmed fields encompassing the majority of the future campus parcel, with modest homesteads lining present-day West 104th Street by 1941. The population boom that the Inglewood area experienced following the end of World War II paralleled similar patterns of growth around the nation and in neighboring Los Angeles, which have been well documented.[2] In 1955, editors at the *Architectural Forum* magazine noted that the rapidly increasing population of school-aged children had made school construction, along with housing, the most widely discussed architectural challenge following the war. The City of Inglewood was no exception to this pattern of growth.

Originally part of the Centinela Valley High School District, planning for Morningside HS in began in 1949, with construction commencing the following year. The construction contract was awarded to the Crown Construction Company. Prior to construction of the Morningside HS campus, which was then referred to as a "complete school plant," costs were estimated to be $3,000,000.[3] As initially intended, Morningside HS was to consist of "two units on one campus to split a large student body into separate, self-sustaining units." [4] According to superintendent H. Fred Heisner, "the ideal high school contains 1,000 students, but conditions require these schools to have as many as 2,5000 [students]," which indicates that Morningside HS was initially planned to accommodate a much larger capacity.[5] However, Morningside HS was principally constructed in two building campaigns, roughly 5 years apart which each included 10 buildings.

The first building campaign, which spanned from 1950 to 1951, included present-day Buildings F, H, I, J, K, S, T, and portions of Buildings M and Q.[6] This initial portion of the Morningside HS campus was designed by the Pasadena and Lancaster-based firm of C. Flewelling and Walter L. Moody Architects. According to a newspaper article, the campus was to include an auditorium, shops, a library, an administration building, gymnasiums and science buildings to be constructed centrally, with classroom buildings on either side, accompanied by outdoor covered walkways, open-air lockers, and was to include "other advanced ideas in planning," yet not all of these structures were built initially.[7]

A groundbreaking ceremony took place the Morningside HS campus in October of 1950.[8] Some of the first classrooms consisted of large canvas tents with dirt floors as construction was still underway at the beginning of the school year in fall of 1951. The school opened in 1951.[9] By 1952, a track and football

2 "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 71.

3 "Contract Awarded for High School," *The Los Angeles Times*, September 29, 1950; and "Centinela Plans to Split High School Campus," *The Los Angeles Times*, November 21, 1949.

4 "Centinela Plans to Split High School Campus," 1949.

5 Ibid.

6 "Start of School Building Marked," *The Los Angeles Times*, October 13, 1950; and a comparison of early aerial photographs and early site plans.

7 "Centinela Plans to Split High School Campus," 1949.

8 "Start of School Building Marked," *The Los Angeles Times*, October 13, 1950.

9 Morningside High School, "About Us," Morningside HS website, https://mhs.inglewoodusd.com/apps/pages/index.jsp?uREC_ID=1470514&type=d&pREC_ID=1624110, accessed May 5, 2022.

field roughly in the same location as today was visible in aerial photographs, located immediately south of the school buildings. Morningside HS' first three administrators - principal John Waldman, girl's vice principal Lois Stegan, and boy's vice principal Robert Burley - all had been on the faculty of Inglewood High School.[10] Neighboring Clyde Woodworth Elementary School (Woodworth ES) located to the east of Morningside HS, along W. 104th Street, was constructed in 1953 with permanent building additions continuing through 1959.

In 1957, a building contract was awarded to the Harvey N. Nicholas Co. for Morningside HS building additions as part of the campus' second building campaign for the lowest bid of $1,538,000. The additions that comprised the second building campaign were designed by Balch Bryan Perkins Hutchison, Architects and included a library, 17 to 23 classrooms, an auto shop, a 1,500-seat gymnasium, cafeteria, 1,000-seat auditorium and health center.[11] The campus additions were to increase capacity to 1,500 students, and were to complete the building program, which was designed to fit within the existing 10 buildings from the first building campaign.[12] New landscape features included covered walkways connecting all building units to one another along a "gently sloping mall opening onto four large social courts where student groups may gather. The buildings [were] laid out on the inside, or enclosed campus principle [sic], instead of the finger-type plan," allowing for student circulation within the centralized grouping of buildings.[13] In the southern portion of the site, it appears that the track and football field became more defined and that basketball courts were constructed as part of this building campaign. Buildings B, C, D/E, G, L, N, R, V, and W were constructed as part of the second building campaign, along with smaller additions to expand Buildings H, M, and Q.

In September of 1955, while the second building campaign was underway, the school year again began in canvas tents which accommodated about 30% of the school's 1,325 students as the permanent buildings were not yet complete.[14] Once the second building campaign was complete, embossed metal plaques distinguishing the first building campaign from the second were installed in several buildings, commemorating the Morningside HS campus expansion. Construction of the second building campaign was largely completed by 1956.

Despite the addition of 10 new buildings to the campus, by 1957, Morningside HS was experiencing "peak enrollment" which forced the school to hold classes and study sessions on the stage in Building U, Auditorium; Building N, Gymnasium and Pool; Building R, Cafeteria; and in corridors of Building F, Lecture Hall.[15] In preparation for the 1957–1958 school year, two wood frame portable buildings were relocated from Warren Elementary School to Morningside HS to help relieve classroom shortages.[16] The

10 Sceptre, 1988, 9.

11 "Morningside School to Have 10 New Units," *The Los Angeles Times*, November 14, 1954; and "School Building Contract Awarded," *The Los Angeles Times*, March 30, 1955.

12 "School Bonds Vote Scheduled," *The Los Angeles Times*, March 24, 1954.

13 "Morningside School to Have 10 New Units," *The Los Angeles Times*, November 14, 1954.

14 "Morningside High May Use Tents," *The Los Angeles Times*, July 27, 1958.

15 Ibid.; and "Citizen Group to Aid Trustees in Inglewood," *The Los Angeles Times*, September 15, 1957.

16 "Morningside High to Get Portable Rooms," *The Los Angeles Times*, September 21, 1958.

portables were placed near Building N, Gymnasium and Pool. By the late 1950s period, all schools in the District were experiencing an increase in enrollment, yet Morningside HS was "probably the hardest hit" by the influx of students.[17] Further, in 1959, an unspecified number of additional movable portable buildings were constructed at Morningside HS which were to include wood floors, ramps, fluorescent lighting, and gas heating.[18] Two classrooms were converted to science laboratories, and four new portable classroom buildings were constructed in 1961, including Building W, which remains extant today.[19] Canvas and wood tent structures were again used for several months while the new classroom facilities were finished.[20] Also in 1961, a Polio immunization clinic sponsored by the Los Angeles County Medical Association, Inglewood Council PTA, and the Inglewood Unified School District was held at an unspecified location at the Morningside HS campus.[21]

In 1963, a potential 14-acre $200,000 recreation complex with tennis courts and lighting was proposed at newly acquired land located immediately east of the campus.[22] In 1964, four small portables were to be placed on campus for use as a headquarters for the Inglewood Cadet Squadron 71, Civil Air Patrol, which appear to have been constructed in the southwest portion of the site.[23] 1960s era photographs illustrate the campus and students roughly 15 to 20 years after construction of the first building campaign. Aerial photographs indicate the construction of outdoor recreational facilities in the northeastern portion of the property with the construction of a baseball diamond by 1963, and tennis courts between 1963 and 1971. A 1973 yearbook image illustrates students with original brick walls built as part of the second building campaign.

The history of later alterations of the school buildings is associated in part with jet aircraft noise from Los Angeles Airport. For a period of about 15 years between 1960 and 1975, the jet noise from planes arriving to and taking off from LAX and its disruption on Morningside HS classes and activities was widely written about in the local newspapers. The concern about flight paths crossing over the campus lead to the country's first congressional hearing on jet aircraft noise. A hearing was conducted by a congressional Subcommittee of the Transportation and Aeronautics Committee of the U. S. House of Representatives at Morningside HS to study the possibility of abating noise at the school buildings due to the increasing number of jet planes using the LAX airport and flying directly over campus.[24] During this study, Inglewood citizens were given the opportunity to express their complaints and to suggest possible solutions to the annoyance, in which they also proposed legal action as a means of correcting the noise. The Board of Supervisors passed resolutions asking the federal government to study the problem, and Chamber of Commerce and city officials in nearby cities also added their support to plans for noise relief. Noise suppressor plans were also studied and the district attorney's office conducted its own investigation

17 "Morningside High May Use Tents," 1958.
18 "2 Inglewood Schools to Use Mobile Buildings," *The Los Angeles Times*, May 10, 1959.
19 "Override Loss Would Halt School Plans," *The Los Angeles Times*, April 30, 1961.
20 "School District to Continue Use of Tents," *The Los Angeles Times*, August 20, 1961.
21 "Polio clinic set at Morningside high school," *Southwest Topics-Wave*, April 30, 1961.
22 "Joint Meeting Slated to Air Recreation Plan," *The Los Angeles Times*, March 17, 1963.
23 "The Week in Review," *The Los Angeles Times*, June 9, 1963.
24 "Lawmakers Hear Testimony On Problems of Jet Noise," *Evening Vanguard*, April 21, 1960.

on the noise problem.[25] By 1972, California Senator Alan Cranston announced his plan to introduce a bill to congress, the Cranston Bill, from a press conference at Morningside HS. The bill proposed to cut noise from commercial aircraft by one third by retrofitting jet engines with sound proofing materials within the years that were to follow.[26]

As this was occurring, reporters interviewed Morningside HS teachers, one who noted that she hadn't been able to give diction to her classes in the five years that she had worked at the school, as nearly 500 jets passed over campus every 24 hours.[27] Some local students experienced roaring jets as often as every other minute, which caused hearing loss and was to blame for many fights at school due to the lack of ability to communicate effectively with consistent overhead noise.[28] Later in 1972, the Airport Authority provided matching funds to schools to soundproof classrooms, yet most remained unsoundproofed.[29] Assembly Judiciary Committee hearings later in the year held at the Morningside HS campus called for a moratorium on nuisance suits against LAX, in which residents were expected efforts to fight against noise pollution and Inglewood officials were to present testimony against the legislation.[30] Newspaper articles mentioning the school and jet noise virtually ceased after this announcement, yet problems with sound abatement at the campus continued for the next nearly 50 years. The District later settled a lawsuit with LAX in which school funds were used to "seal up" most classrooms in which air conditioning and heating systems were added.[31]

In 1975, a student arsonist set Building A, Administration, which was part of the school's first building campaign, on fire. The blaze destroyed two-thirds of the building causing between $200,000 and $312,000 worth of damages. A 15-year-old boy admitted to setting the building on fire in an effort to destroy school records – yet permanent school records, which were kept in a vault, were not damaged.[32] A new building was constructed to replace the destroyed structure the following year to designs by architect Willis K. Hutchason, who was involved in the second building campaign in the mid-1960s. The new building had the same footprint as the original was designed to be vandal proof and windowless with heavy metal roll down shutters to protect building from break-in entry.[33] The unadorned block-wall construction included a new health service space with a room for student counseling. Elaborate sound attenuation features at new Building A noticeably reduced noise of jets flying to and from LAX.[34] However, the sound proofing was only applied to the new building, and the noise continued to be "a

25 "Jet Plane Problem," The Southwest Wave, December 29, 1960.
26 "Cranston Bill to Seek Reduction in Jet Noise," *The Los Angeles Times*, April 10, 1971.
27 "Disturbing Effects From LA Jet Noise," *Petaluma Argus-Courier*, September 13, 1972.
28 Ibid.
29 Ibid.
30 "Hearings Set on Airport Suit Bill," *The Los Angeles Times*, October 22, 1972.
31 Rich Connell, "Inglewood Copes With Chilly Classrooms, *The Los Angeles Times*, January 30, 1983.
32 "The Southland," *The Los Angeles Times,* March 21, 1975.
33 Osgood Caruthers, "Morningside Dedicates Administration Building," *The Los Angeles Times*, March 20, 1977.
34 Caruthers, 1977.

constant aggravation to the 3,000 students and teachers in the school's un-soundproofed main buildings," according to a *Los Angeles Times* article.[35]

In 1978, a public bid request for a sound attenuation project at the Morningside HS campus was announced, however there are no plans on file associated with such a project during this period.[36] A newspaper article from 1979 noted that the District wanted to earmark profit from a land sale to address the immediate need to refurbish deteriorating facilities at the Morningside HS campus.[37] This appears to be the first public mention of the deteriorating conditions at Morningside HS campus, which would lead to many additional articles to be published on the subject over the decades that followed. For example, a 1983 newspaper article profiled issues with broken heaters during a cold spell in January which prompted students to wear ski jackets into class.[38] District maintenance supervisor Gene Robinson noted that since Morningside HS was directly under the flight pattern, "There's more jet ash, spillage (of fuel), and we have to change filters more. If you don't, you start losing compressors, belts, motors, and other things," noting that the attrition of the heating systems at the campus was related to the prominence of consistent overhead jets.[39] When these systems would fail, due to lack of budget for maintenance, teachers would open up doors and windows which would negate the limited sound attenuation systems that were in place.[40]

By 1990, the school's deteriorating condition led to a series of student-led protests, the largest of which involved a 500 student-staged walkout to protest what they described as "substandard conditions" at Morningside HS, to which the District Superintendent George McKenna agreed.[41] The students marched to District headquarters and "complained of campus conditions, poor security, short supply of textbooks, inadequacy of substitute teachers, and vandalism in the bathrooms."[42] McKenna agreed to upgrade the campus installation of lights and to hire an exterminator to control the severe gopher infestation. Students followed up after the protest and joined an Inglewood school board meeting to make demands.[43]

Morningside HS was then considered by the District to be its most troubled school. In addition to the deteriorating condition of the buildings, crime was rampant with Inglewood police noting that the neighborhood had one of the highest crime rates in the city.[44] Newspaper articles from 1990 noted that when the school opened in the 1950s, it was known for "its state-of-the-art campus and quality instruction," and was "once described as having a country-club atmosphere, and to the neighborhood that

35 Ibid.
36 "Bids Wanted," *The Los Angeles Times*, October 24, 1978.
37 Bob Williams, "Church Wins OK to Buy Complex, Zoned As Is," *The Los Angeles Times*, October 18, 1979.
38 Connell, 1983.
39 Ibid.
40 Ibid.
41 "Highlights: Student Protest," *The Los Angeles Times*, February 10, 1990.
42 Ibid.
43 Marc Lacey, "Morningside Students Take Objections to School Board," *The Los Angeles Times*, February 15, 1990.
44 Ibid.

surrounds it."[45] Yet this was in stark contrast with the 1990s state of Morningside HS, which as a result of budget cuts had reduced maintenance staff from more than 20 to only 4 staff members. Frustrated administrators and teachers pointed out that conditions had been steadily worsening for years, and that costly upgrades were needed to refurbish the campus.[46]

In 1990, Building U, Auditorium was renamed in honor of late Olympian and Morningside HS alumna, Flo Hyman.[47] Plans for alterations including mechanical, plumbing, and electrical upgrades all campus buildings were created in 1991 by Davis, Duhaime Associates, Architects. In 1998, prolific basketball player and Morningside HS alumni, Lisa Leslie dedicated the "Lisa Leslie Sports Complex," at Morningside HS which included a "42,000 square foot court with 12 baskets," which may have involved renovations to existing Building N, Gymnasium and Pool, or renovations to the outdoor basketball court located in the southeastern portion of the site.[48] In 1999, exploratory oil drilling was to begin at the Morningside HS campus, located immediately southeast of the baseball diamond.[49] The City's mayor, Roosevelt Dorn, proposed a 5,000-student learning center as the Morningside HS site, then referred to as "weedy and dilapidated," which was to potentially include a new high school, science and math magnet, technical school, and performing arts theatre, in addition to a state-of-the-art oil and gas facility.[50] If the exploratory effort at the campus had produced flowing oil sources, through a lease program, the District would have potentially been able to have a revenue stream. It is not clear what the results of the proposed exploratory efforts were.

In 2002, the Mollenhauer Group created an extensive architectural survey of the campus which included an as-built site plan of all campus buildings, topography, and landscape features. The campus most recently underwent renovation and modernization efforts to numerous buildings from July 2019 to April 2021 as part of the Los Angeles World Airports (LAWA) sound insulation program. The LAWA upgrades included interior and exterior sound attenuation improvements. These improvements involved heating/ventilation/air conditioning (HVAC) upgrades, and replacement doors, windows, ceilings, flooring, lighting, and fire alarm and low-voltage upgrades to buildings A, B, C, D/E, F, G, R, S, and T. In this, teaching spaces were insulated for sound mitigation and all areas that were susceptible to sound transmission were reinforced.[51] In addition, ADA upgrades were made in Buildings A, C, D, F, R, S, and T and for associated walkways near Buildings A, B, C, D/E, F, G, R, S, and T.

45 Ibid.

46 Ibid.

47 "Prep star gets more than 15 minutes of fame," *Star Tribune*, March 17, 1990.

48 David L. Porter. Latino and African American Athletes Today: A Biographical Dictionary, London: Greenwood Press, 2004, 229. There were no building plans available with modifications to Building N during this period. ESA did not note any commemorative signage at the campus related to this complex during the time of the site visit.

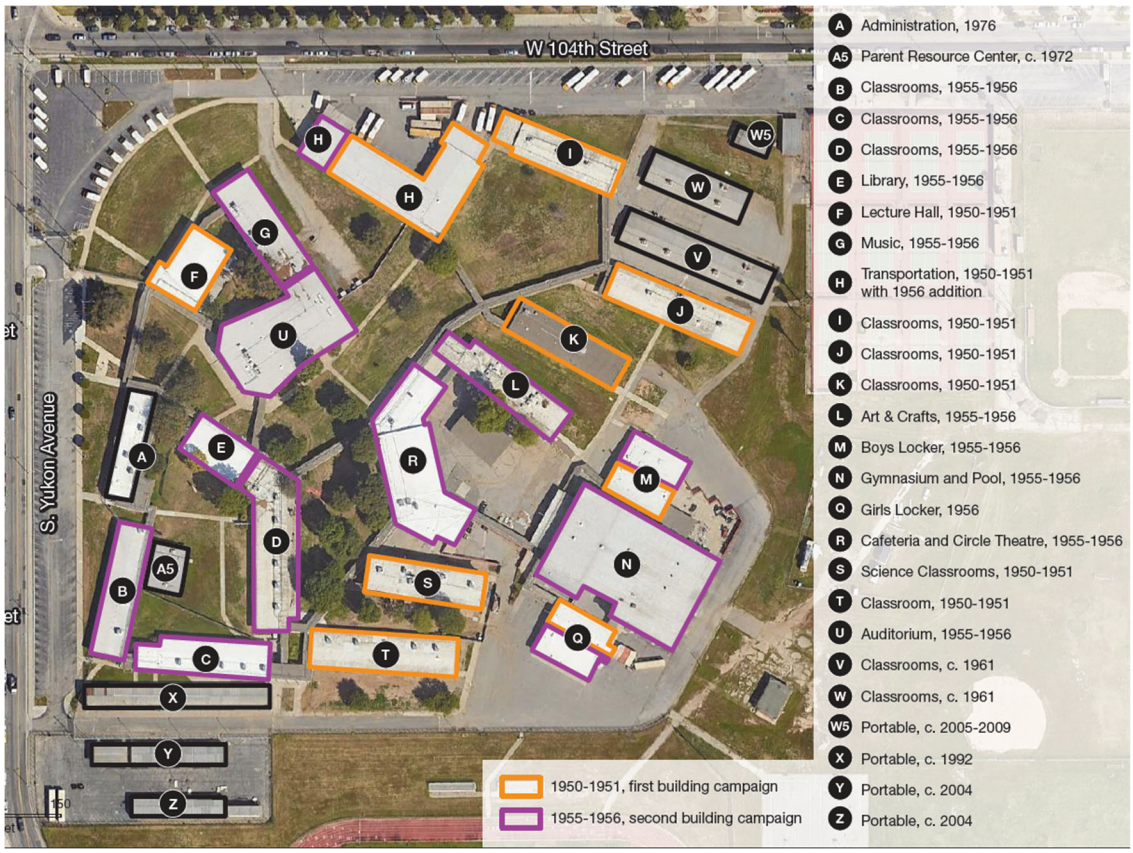
49 Louis Sahagun, "Inglewood's Mayor Imagines a Super-School," The Los Angeles Times, August 5, 1999.

50 Ibid.

51 Stephanie Pulcifer, Design & Construction Manager, Cordoba Corporation, email correspondence, April 18, 2022.

P5a. Photographs (continued):

All photographs were taken by ESA in 2021, unless otherwise noted.



Morningside HS building site map, ESA 2021



View of football field and track



View of seating area and landscaping located toward center of campus



View of sloping site and covered walkways in the northeastern portion of campus



View grassy area and two metal fence types



View of the west elevation of Building A, with main campus entrance to the left



View of the north elevation (left) and west elevation (right) at Building B



View of the east (left) elevation and the north (right) elevation at Building C



View of the northwest elevation (left) and southwest elevation (right) of Building E



View of the southwest elevation of Building E (left) and west elevation of Building D (right)



View of the south elevation (left) and east elevation (right) at Building F



View of the northeast elevation of Building G (right)



View of northwestern elevation of Building U



View of the northern elevations at original portion of Building H



View of the southeast facade at Building I



View of the south facade (left) and east elevation (right) at Building J



View of the northeast elevation of Building K



View of the southeast elevation (left) and northeast elevation (right) at Building L



View of the north elevation of Building M



View of the west facade of Building N



View of the south elevation (left) and east elevation (right) at Building Q



View of the east facade at Building R



View of the south elevation of Building S



View of the east elevation (left) and north elevation (right) at Building T

D6. Significance (continued):

Under National Register Criterion C and California Register Criterion 3, Morningside HS is eligible as an example of an intact clusterplan Postwar Modern Functionalist School plant that is reflective of a distinctive multiple-building southern California public high school campus, and as a mid-century era high school in the City of Inglewood. Further, the property conveys a strong association with two prominent Los Angeles area master architects, Ralph C. Flewelling and Walter L. Moody Architects, and Balch Bryan Perkins Hutchason, Architects. Based upon this finding of architectural significance, a period of significance has been identified as 1950 to 1956, beginning in 1950 with the construction of the first permanent building began and ending in 1956 when the expansion and second building campaign was completed.

***B12. References (continued):**

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Appendix C

Confidential – Records Search Results

ESA

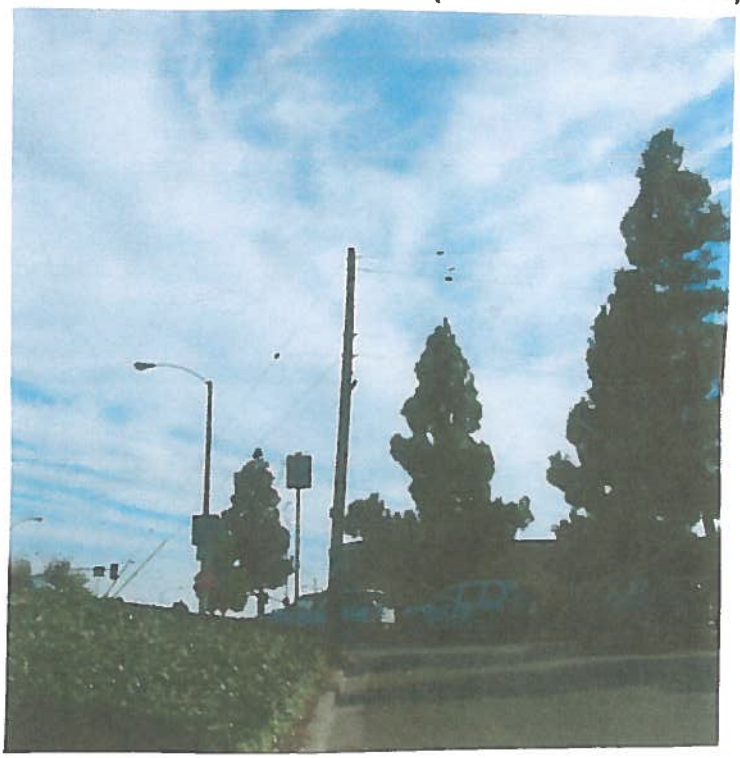
State of California
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code____
Other Listings _____
Review Code_____Reviewer_____Date_____

***Page** 1 of 5 ***Resource Name or #:** T-Mobile West LLC LA13097C/Crenshaw Blvd JPA ROW
***P1. Other Identifier:** Utility Pole
***P2: Location:** Not for publication Unrestricted X a. County: Los Angeles
And (P2b and P2c or P2d. Attach a location map as necessary.)
***b. USGS Quad** Inglewood ***Date:** 1975 T; R; ¼ of ¼ of Sec. _____ B.M._____
c. Address: 9817 Crenshaw Boulevard City: Inglewood Zip: 90305
d. UTM: (Give more than one large or linear resources) Zone: Me/ mN
e. Other Locational Data (e.g. parcel #, directions to resource, elevation, etc. as appropriate);
APN: N/A
***P3a. Description** (Describe resource and its major elements, include design, materials, condition, alterations, size, setting and boundaries.)

The resource is a Class 5 Douglas Fir wood utility pole. The pole is 30 feet AGL in height and consists of a single wood pole with no crossbars. The pole is located along the street in a residential neighborhood in the community of Inglewood. No major changes were noted and the pole appears to be in good condition.

***P3b. Resource Attributes:** (List attributes and codes) HP 39: Other/Utility Pole



P4. Resources Present: Building **Structure X** Object Site District Element of District
P5b. Description of Photo: (View, date Accessions #) View S/ 10/01/2012
***P6. Date Constructed/Age and Source**
Historic X Prehistoric Both c.
***P7. Address:** Joint Pole Committee, 437 S. Cataract Avenue, #3, San Dimas, CA 91773
***P8: Recorded by:** (Name, Affiliation, Address) K.A. Crawford, P.O. Box 634, La Mesa, CA 91944
***P9. Date Recorded:** 10/01/2012 ***P10. Type of Survey:** (Describe) Intensive ***P11: Report Citation** (Cite Survey Report and other sources, ore enter "None".) None

***Attachments:** None Location Map Sketch Map **Continuation Sheet X Building, Structure and Object Record X** Archaeological Record District Record Liner Resource Record Milling Station Record Rock Art Record Artifact Record Photograph Record Other (List):

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
RESIDENCE, STRUCTURE, AND OBJECT RECORD

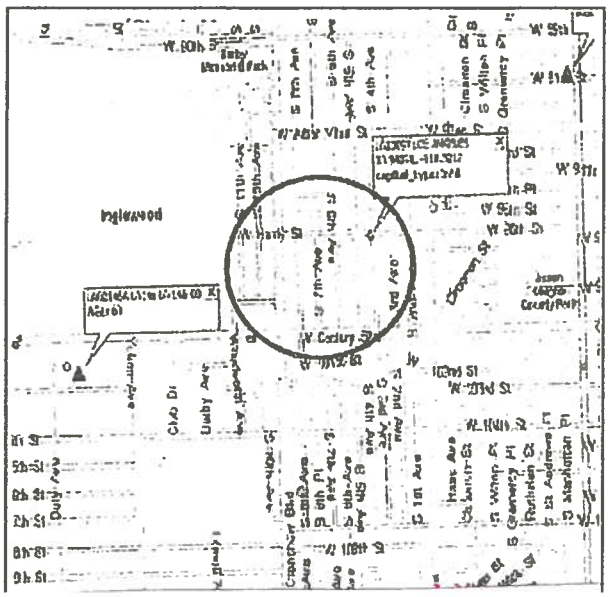
Primary # _____
HRI# _____
***NRHP Status Code** __

***Page** 2 of 5 ***Resource Name or # (Assigned by Recorder)**: T-Mobile West LLC LA13097C/Crenshaw Blvd JPA ROW

B1. Historic Name: Utility Pole
B2: Common Name: Utility Pole
B3. Original Use: Public Utility/Utility Pole
B4: Present Use: Public Utility/Utility Pole
***B5: Architectural Style:** Modern
***B6: Construction History:** (Construction Date, alterations and dates of alterations)
The utility pole was constructed prior to 1965. No major alterations were noted.
***B7. Moved?** X **No** Yes Unknown Date: Original Location
***B8. Related Features:** None
B9a. Architect: Unknown **b. Builder:** Unknown
***B10. Significance:** Public Utility Development **Area:** Inglewood **Period of Significance:** pre-1965-Present **Property Type:** Public Utility **Applicable Criteria:** A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)
The Southern California Joint Pole Committee was formed in the early twentieth century and the various utility organizations joined across the state of California. No other state has a similar method for dealing with joint use. Only the Southern and Northern California Associations allow utilities that qualify for membership to buy the necessary space to construct their systems on existing utility poles, rather than having to construct new poles or lease space from the utility that built the pole. This has minimized the construction of new utility poles, distributed maintenance costs among utilities and facilitated the deployment of new technology. The utility pole under investigation is part of the system stretching across the Los Angeles area and is part of the continuing residential and commercial development of the region. The pole appears to have maintained its integrity of design, however, over the decades, new equipment has been added and replaced by newer technology.

B11. Additional Resource Attributes: (List attributes and codes) None
***B12. References:** McAlester and McAlester, *A Guide to American Houses*, 1991; Southern California Joint Pole Association records;
B13. Remarks: None
***B14: Evaluators:** K.A. Crawford
***Date of Evaluation:** 10/01/2012

(This space reserved for official comments.)



State of California – The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # _____
HRI# _____
Trinomial _____

Page 3 of 5 *Resource Name or # (Assigned by recorder) T-Mobile West LLC LA13097C/Crenshaw Blvd JPA ROW
*Recorded by K.A. Crawford/Michael Brandman Associates Date 10/01/2012
Continuation X Update

(Continued from page 2)

Integrity Statement

In regard to the seven aspects of integrity – location, design, setting, materials, workmanship, feeling and association – the c. pre-1965 Modern style utility pole on this property has retained its original location. The utility pole has not been moved. The setting, feeling, and association have basically remained intact as the residential area surrounding the structure has not changed substantially. No major changes from 1965 to the present have altered the original neighborhood setting, feeling and association. The design, materials and workmanship of the structure have basically remained intact. The integrity level is good and the condition of the utility pole is good.

National Register of Historic Places Eligibility Evaluation

The property was assessed under National Register of Historic Places **Criterion A** for its potential significance as part of any historic trends or events that may have made a significant contribution to the broad patterns of our history. The utility pole was constructed as part of the overall continuing commercial and residential development of the Inglewood area which began in the 1880s and continues to the present time. There is no significant trend or event associated with the property. **Therefore, the property does not appear to meet the criteria for significance under Criterion A: Event.**

The property was assessed under National Register of Historic Places **Criterion B** for its potential significance and association with a person of importance in national history. There is no evidence to suggest that any of the persons associated with the construction or development of the utility pole were considered important in the history of the property or nation. None of the persons associated with the property appear to be historically significant at the level necessary to meet the criteria for National Register of Historic Places. **Therefore, the property does not appear to meet the criteria for significance under Criterion B: Person.**

The property was assessed under National Register of Historic Places **Criterion C** for its potential significance as a property which embodies the distinctive characteristics of a type, period, method of construction or style of Modern architecture, represents the work of a master architect, builder or craftsman, possesses high artistic values, or represents a significant or distinguishable entity whose components lack individual distinction. The utility pole is a standard example of the main characteristics of the standard utility pole. The pole's style does not rise to a level of significance to qualify for the National Register of Historic Places as it was built from standard plans and displays no distinguishing characteristics. The utility pole is not an example of the work of a master architect, builder or craftsman as no architect or contractor was identified. Therefore, the utility pole cannot be considered to represent the work of a master architect, builder or craftsman. **Therefore, the property does not appear to meet the criteria for significance under Criterion C: Architecture as a good example of Modern style of utility pole architecture.**

The property was assessed under National Register of Historic Places **Criterion D** for its potential significance and its ability to convey information. The property does not yield, or may not be likely to yield, information important in prehistory or history. In order for buildings, structures, or objects to be significant under Criterion D, they need to "be, or must have been, the principal source of information." This is not the case with this property. **Therefore, the property does not appear to meet the criteria for significance under Criterion D: Information Potential.**

In summary, the property does not appear to qualify for the National Register of Historic Places under any of the above criteria. Therefore, the utility pole is not considered to be an historic resource for the purposes of the NHPA. The property was not accessed for eligibility under the California Register or local Inglewood Register eligibility.

State of California – The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # _____
HRI# _____
Trinomial _____

Page 4 of 5 *Resource Name or # (Assigned by recorder) T-MOBILE WEST LLC LA13097C/CRENSHAW BLVD JPA ROW
*Recorded by K.A. Crawford/Crawford Historic Services Date OCTOBER 1, 2012
Continuation X Update

T-MOBILE WEST LLC LA13097C/CRENSHAW BLVD JPA ROW
UTILITY POLE, 9817 CRENSHAW BOULEVARD, INGLEWOOD, CA 90305
VIEW NORTH
OCTOBER 1, 2012



State of California – The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # _____
HRI# _____
Trinomial _____

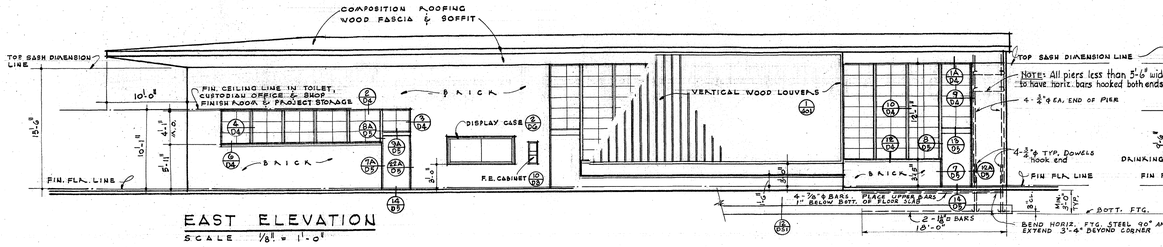
Page 5 of 5 *Resource Name or # (Assigned by recorder) T-MOBILE WEST LLC LA13097C/CRENSHAW BLVD JPA ROW
*Recorded by K.A. Crawford/Crawford Historic Services Date OCTOBER 1, 2012
Continuation X Update

T-MOBILE WEST LLC LA13097C/CRENSHAW BLVD JPA ROW
UTILITY POLE, 9817 CRENSHAW BOULEVARD, INGLEWOOD, CA 90305
VIEW EAST
OCTOBER 1, 2012



Appendix D
Morningside HS Historic Plans

ESA



EAST ELEVATION

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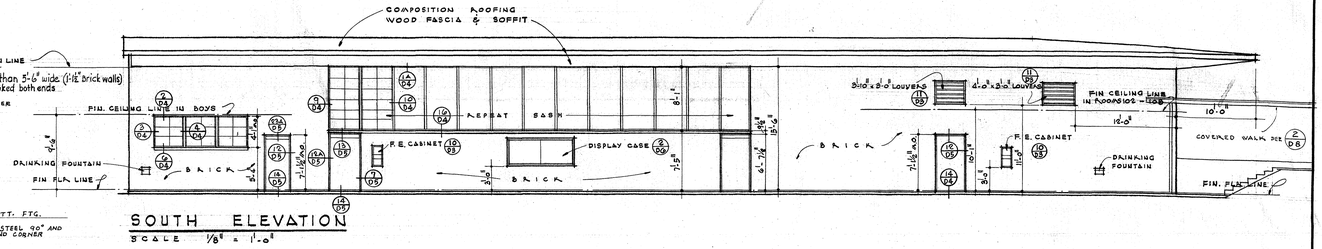

SOUTH ELEVATION

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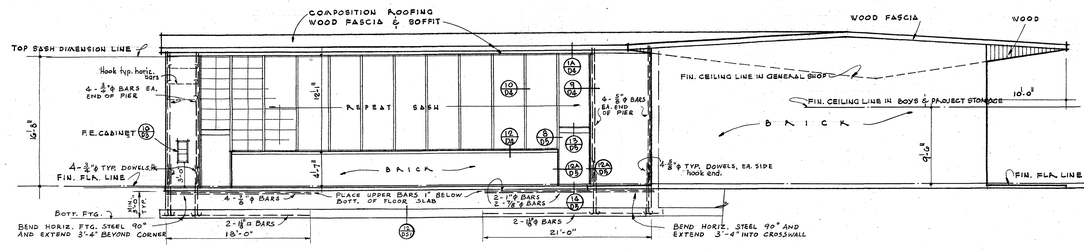

WEST ELEVATION

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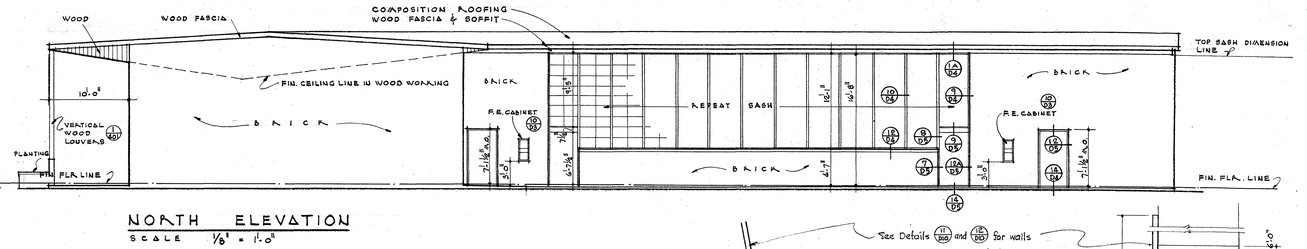

NORTH ELEVATION

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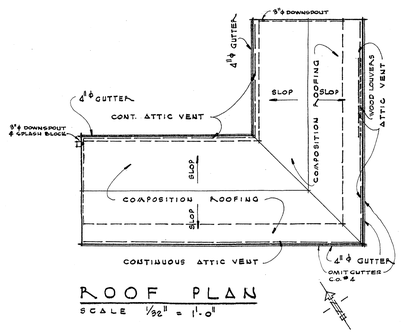
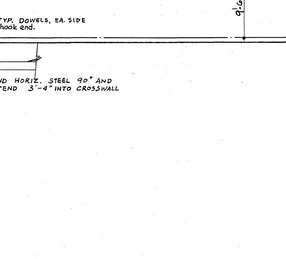


ROOF PLAN

SCALE 1/32" = 1'-0"



INTERIOR FINISH SCHEDULE

SPACE NUMBER	SPACE NAME	FLOOR: ASPHALT TILE	FLOOR: CONCRETE	FLOOR: TERRAZZO	BASE: WOOD	BASE: CONCRETE	BASE: TERRAZZO	WALLS: EXPOSED BRICK	WALLS: EXPOSED CONC. BLOCK	WALLS: METAL	CEILING: ACOUSTIC MAT'L	CEILING: CITRON BOARD	CEILING: HARD BOARD	CEILING: ACOUSTICAL TILE	CEILING: APPROX. HEIGHT ABOVE FIN. FLR.	REMARKS
101	WOOD WORKING		②			●		●	●		①			●	VARIES	① SEE DET. (2/D7)
102	FINISHING ROOM	●				NONE		●	●				⑨	●	10'-1"	② CONC. FLR. TO HAVE COLOR HARDENER
103	PROJECT STORAGE	●				NONE		●	●				⑨	●	10'-1"	③ SEE DET. (3/D7)
104	CUSTODIAN SHOP	●				NONE		●	●	③			⑦	●	10'-1"	④ SEE DET. (1/D7)
105	OFFICE		●			●		●	●	③			⑦	●	10'-1"	⑤ SEE DET. (4/D7)
106	TOILET	●		●			●	●	●			⑥		●	10'-1"	⑥ SEE DET. (18/D7)
107	HEATER ROOM	●				NONE		●	●			⑥		●	10'-1"	CEILING ATTACH TO UNDER SIDE OF JOIST
108	FINISHING ROOM	●				NONE		●	●			⑨		●	10'-1"	⑦ SEE DET. (18/D7)
109	LUMBER STORAGE	●				NONE		●	●			⑦		●	10'-1"	
110	GENERAL SHOP	⑤				●		●			①			●	VARIES	
111	UTILITY ROOM	●				NONE		●				⑥		●	VARIES	
112	PROJECT STORAGE	●				NONE		●				⑤		●	8'-0"	
113	BOYS		●			●		●					⑥	●	8'-0"	

SPACE NUMBER	PAINTING: WALLS	CEILING	TRIM & WOOD DOORS	CASEWORK, SHELVING
101	W	W	EE	L
102	W	W	EE	L
103	W	W	EE	L EE
104	W	W	EE	L EE
105	W	W	EE	L
106	GE	EE	EE	V
107	W	W	EE	L
108	W	W	EE	L
109	W	W	EE	L
110	W	W	EE	L
111	W	W	EE	L
112	W	W	EE	L EE
113	GE	EE	EE	V

ABBREVIATION

EE = EGG SHELL ENAMEL
GE = GLOSS ENAMEL
V = VARNISH (SPAR)
L = LACQUER
W = WASHABLE WALL PAINT

ALL DIMENSIONS MUST BE CHECKED AT THE JOB BY THE CONTRACTOR WHO ACCEPTS RESPONSIBILITY FOR THEIR ACCURACY UNDER THE CONTRACT

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 7889
APPROVED JUN 23 1950
As Rev. 7-8-50 HH
Harry W. Bolen
CHIEF SUPERVISING STRUCTURAL ENGINEER

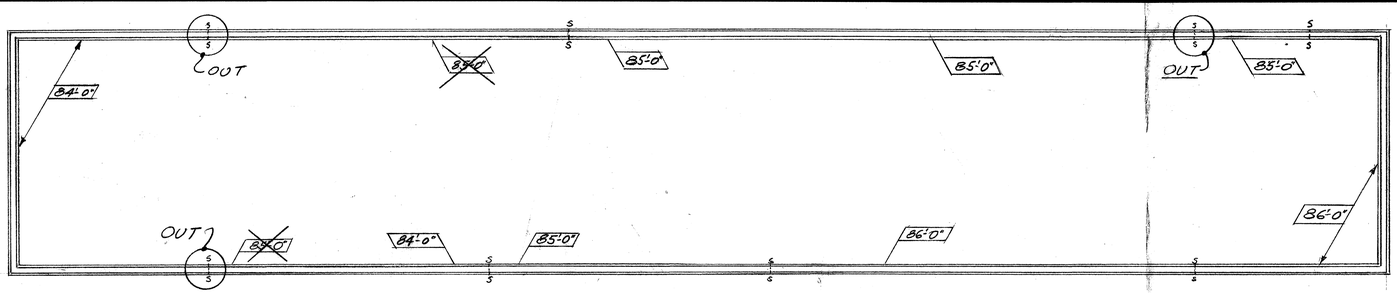
Board of Trustees - Centinela Valley Union ~~High School~~ Dist.

REVISIONS			
REV.	DATE	DESCRIPTION	APPROVED
	AUG 28 1950		

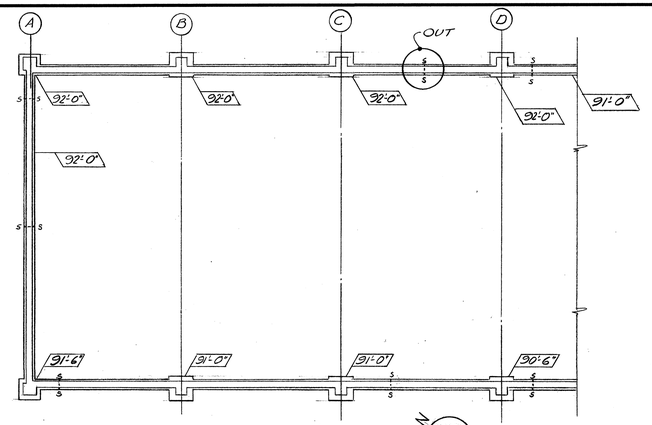
JOB FILE NO. 253
DRAWN BY D.C.
TRACED BY
CHECKED BY
Ralph C. Flewelling ARCHITECT

PLAN & ELEVATIONS SHOP BLDG. 1
MORNINGSIDE HIGH SCHOOL
INGLEWOOD CALIFORNIA
OFFICE OF
RALPH C. FLEWELLING AND WALTER L. MOODY — ARCHITECTS
3112 LOS FELIZ BOULEVARD LOS ANGELES 39, CALIFORNIA

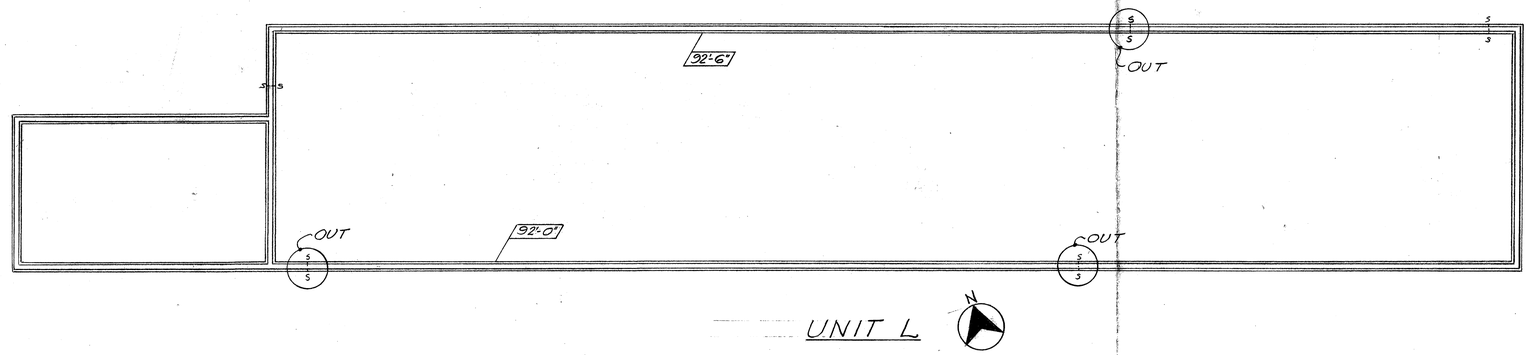
DRAWING NUMBER 400
DATE JUN 7 1950



UNIT B



UNIT G



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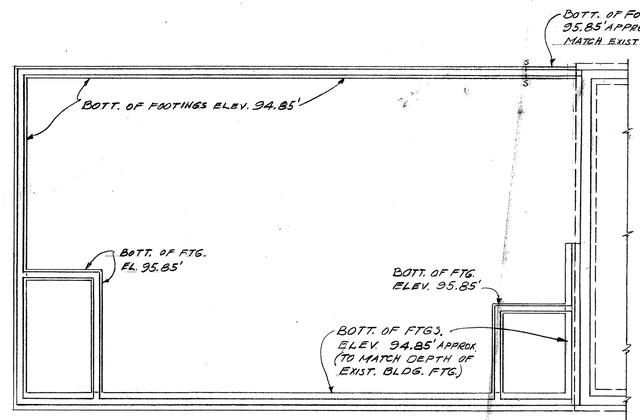

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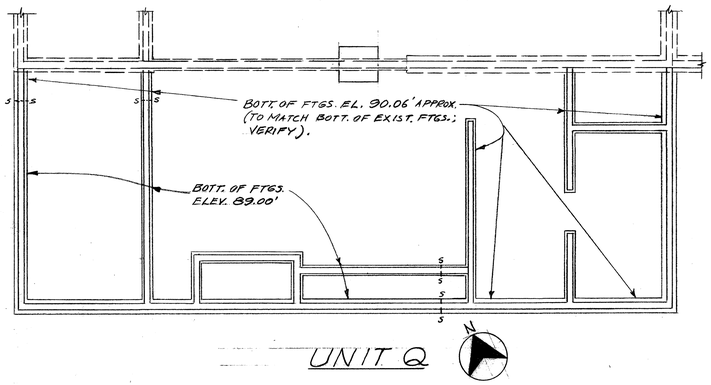


UNIT Q

CORRECTIONS TO BE MADE ON PLANS

SHEET H2 : ON SECT. (1/H2) & (2/H2) "4'-0" APPROX." VERT. DIMEN. FROM BOTT. OF FTG. TO FIN. FLOOR, TO 6'-0" APPROX..

SHEET MQ4 ON SECT. (5/MQ4) CHANGE 2'-10" VERT. DIMEN. FROM BOTT. OF FTG. TO FIN. FLOOR TO 3'-10"±

SHEET MQ3 ON SECTS. (1/MQ3) & (10/MQ3) THE 2'-10" VERT. DIMEN. IS TO BE A MINIMUM DIMENSION AND IS TO BE INCREASED WHERE NECESSARY TO AGREE WITH ELEVATIONS ON FOUNDATION PLANS.

REVISED ELEVATIONS OF BOTTOM OF FOOTINGS

FOR UNITS B, G, H, L & Q

SCALE ~ 1/8"=1'-0"

△ AS BUILT
Recorded 1-16-57
H.M.-Jeg

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9216

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

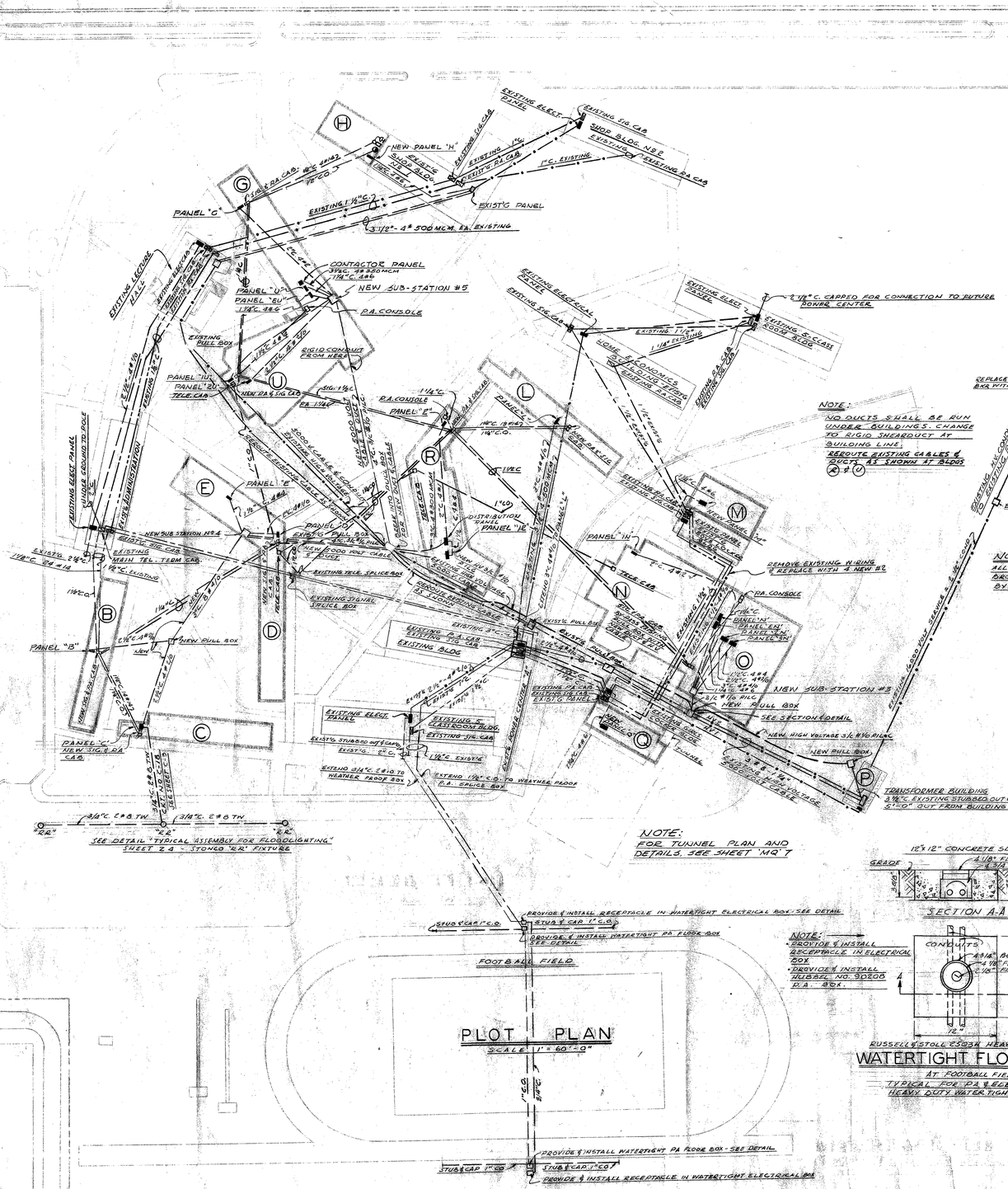
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

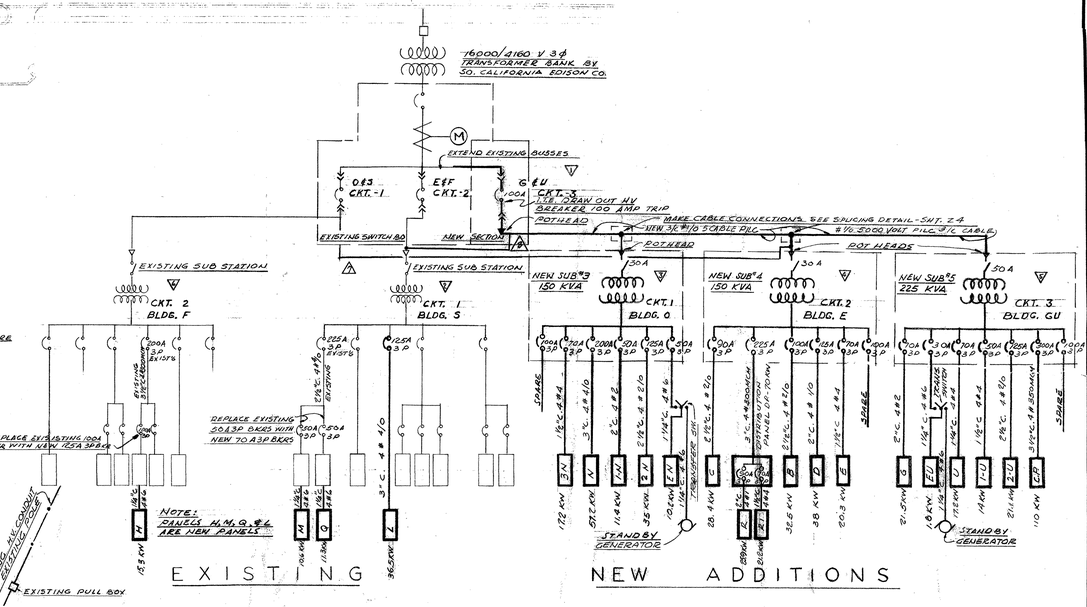
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED MAR 9 - 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

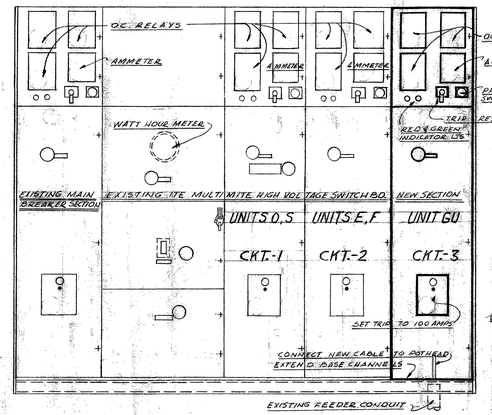
REVISED ELEVATIONS OF BOTTOM OF FOOTINGS FOR UNITS B, G, H, L & Q
DATE PRINTED

JOB 547
SHEET S-101
B.O.





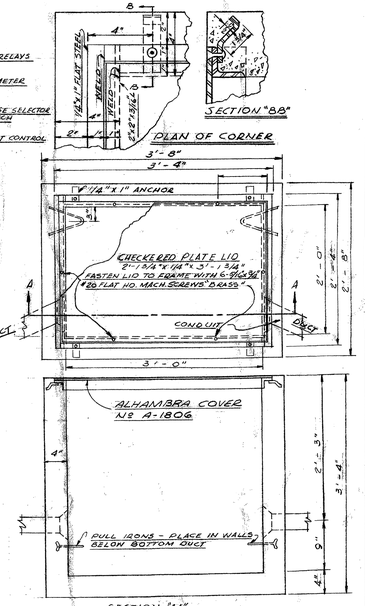
NOTE:
ALL EXISTING PULL BOXES TO BE BROUGHT TO NEW GRADES BY ELECTRICAL CONTRACTOR



HIGH VOLTAGE SWITCHBOARD

NOTE:
NEW SECTION SHALL MATCH EXISTING SECTIONS IN EVERY RESPECT. H.V. & L.V. BUSSES AND CONTROL WIRING TO NEW SECTION. NEW SECTION SHALL BE BOLTED TO EXISTING SWITCHBOARD AND TO BASE CONTROLS.

THIS SYMBOL △ INDICATES AS BUILT CORRECTIONS △ TO ▲ INCLUSIVE.



PULL BOX DETAIL

EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2964
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
NORmandy 4-4288

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538 APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

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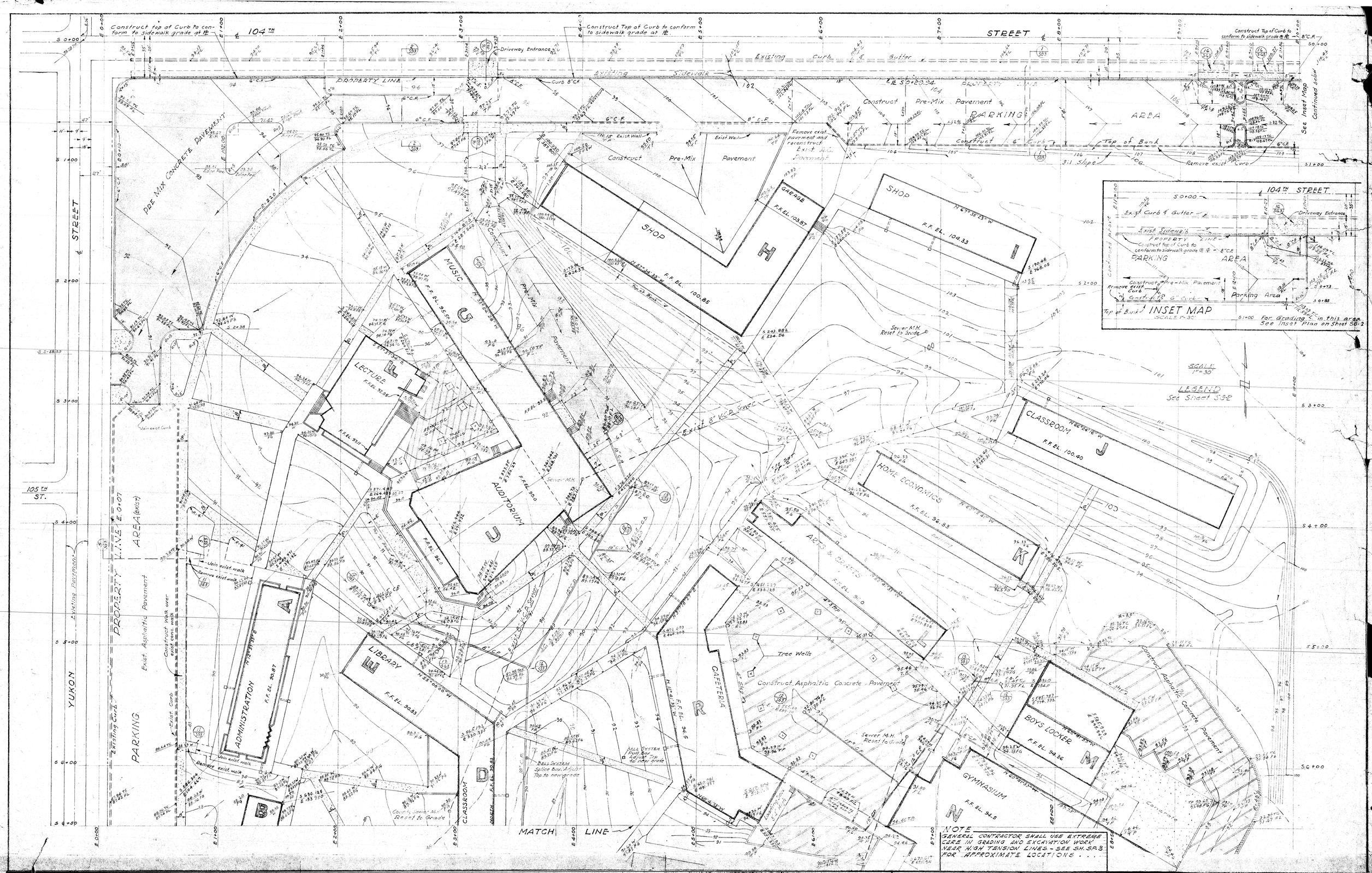
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

ELECTRICAL PLOT PLAN & HIGH VOLTAGE DETAILS

DATE PRINTED

JOB 547
SHEET SP-3
B. O. 4



W. L. BANGHAM
CIVIL ENGINEER
209 YALE STREET
LOS ANGELES 12, CALIF.

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO.	APPROVED
	PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

SITE GRADING PLAN

DATE PRINTED Dec. 59

JOB 547
SHEET SG-1
B.O. 5

MATCH LINE

106TH ST

107TH ST

YUKON AVENUE

PROPERTY LINE

EXISTING ASPHALTIC PAVEMENT PARKING AREA

Existing Pavement

NEW

COMMERCIAL F.F. EL. 93.0

CLASSROOM F.F. EL. 90.83

SCIENCE F.F. EL. 91.89

CLASSROOM F.F. EL. 89.0

CLASSROOM F.F. EL. 89.92

GIRLS LOCKER F.F. EL. 92.89

HATATORIUM F.F. EL. 94.5

F.F. EL. 94.5

A.C. PAVEMENT SERVICE YARD

ASPHALTIC CONC. PAVEMENT SERVICE ROAD

EXIST. ASPHALTIC CONC. PAVEMENT

A.C. PAVEMENT

SERVICE DRIVE

PRE-MIX PAVEMENT

PARKING AREA

Wheel Guard

Depress Curb

Exist. MH Reset to grade

Exist. 8" V.C.P. Sewer

Exist. 8" V.C.P. Sewer

Exist. 18" C.M.P. drain

PROPERTY LINE

PROPERTY LINE

Concrete Sidewalk

Premix Pavement

Asphaltic Conc. Pavt.

Catch Basin C.B.

Manhole M.H.

Curb only

Curb and Gutter

Cross Gutter

Dust Pan Driveway

Location Checkshots

Finished Grade

Top of Pavement

Direction of Drainage

Existing Contour

Finished Grade Contour

Drain Inlet

Underwalk Drain & Splash Block

Junction Chamber

Finished Walk Drain

Top of Curb

Flow Line

SCALE: 1" = 50'

NOTE

Storm Drain Contractor shall coordinate this work with that of the Sewer Contractor to avoid points of conflict.

NOTE

GENERAL CONTRACTOR SHALL USE EXTREME CARE IN GRADING & EXCAVATION WORK NEAR HIGH TENSION LINES - SEE SHEET SP3 FOR APPROXIMATE LOCATIONS.

104TH STREET

PARKING AREA

Top of Bank

3:1 Slope

6" Water Line

Underground Electric Cable

Edison MH

BASEBALL DIAMOND

PROPERTY LINE

INSET PLAN FOR GRADING AT N.E. CORNER

SCALE: 1" = 60'

(See Sheet SG-1)

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

W. L. BANGHAM
CIVIL ENGINEER
809 YALE STREET
LOS ANGELES 12, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

STATE OF CALIFORNIA
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APPLICATION NO. — APPROVED
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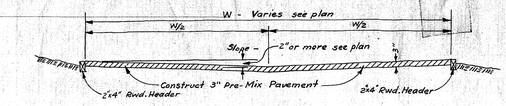
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

SITE GRADING PLAN & DETAILS

DATE PRINTED

JOB 547
SHEET SG-2
D.O.



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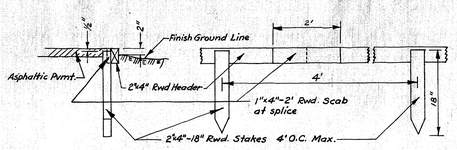
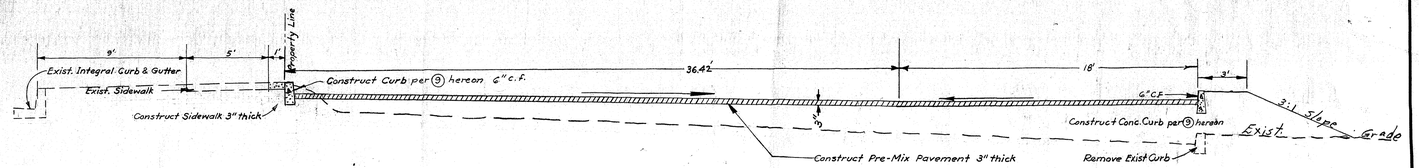


⑮ HEADER DETAIL



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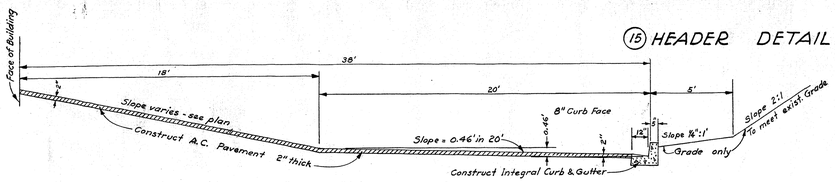

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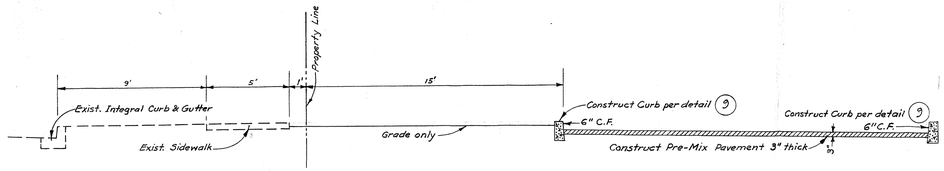

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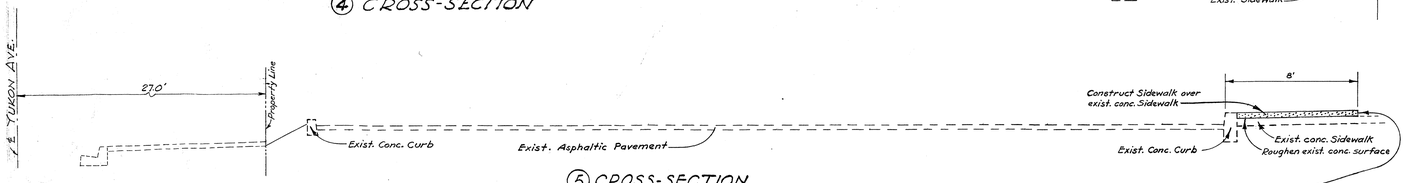
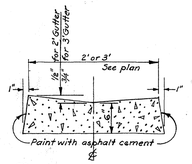
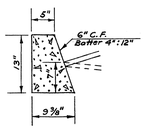


⑤ CROSS-SECTION

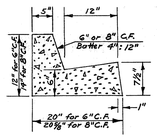
⑪ DETAIL OF CONNECTING WALKS



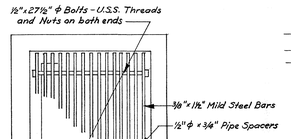
⑦ CROSS GUTTER DETAIL



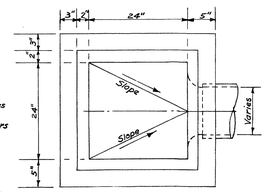
⑨ CURB ONLY



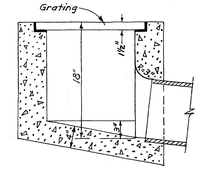
⑩ INTEGRAL CURB & GUTTER



GRATING CONSTRUCTION

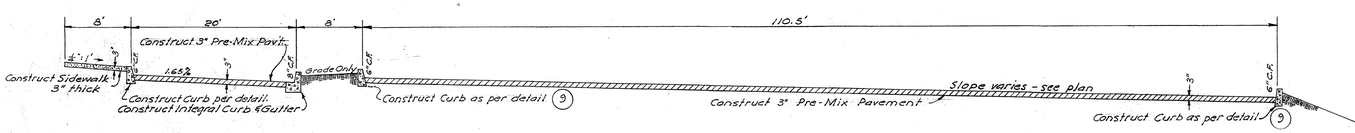


PLAN



SECTION

⑫ CATCH BASIN DETAILS



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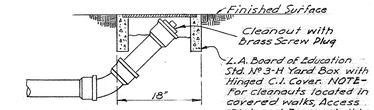
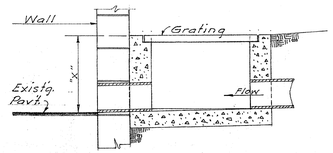
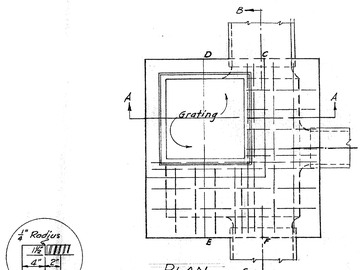


⑱ CLEANOUT DETAIL

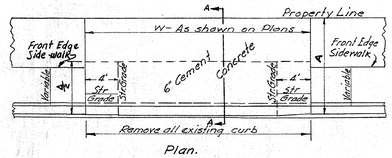


Dimension 'X' to be determined in the field. For other dimensions and grate details see Detail ⑫ on this sheet.

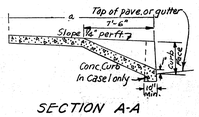
⑰ CATCH BASIN DETAIL



⑭ JUNCTION CHAMBER DETAILS



⑯ PLAN-COMMERCIAL DRIVEWAY



SECTION A-A

= Notes =

The area included within the slopes shall be finished with a wood float. The balance of the driveway on grades of 5 per cent or less shall be finished with a steel float. Scoring lines shall correspond with the scoring lines in the adjacent sidewalk.

= NOTES =

1. Grating to be as shown in Detail ⑫
2. All Reinforcing Steel to be # 4 # deformed bars.
3. Steps to be ¾ ϕ plain galvanized bars and will be required as follows: IF H is 2.5 Feet, no steps are required. When H is greater than 2.5 Feet install steps 12 inches apart and imbed not less than 5 inches in the wall.

DE. # 59

W. L. BANGHAM
CIVIL ENGINEER
809 YALE STREET
LOS ANGELES 12, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Wm Glenn Balch
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
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APPLICATION NO. 12538
APPROVED FEB 24 1955
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JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

MISC. PLOT PLAN
DETAILS
DATE PRINTED

JOB 547
SHEET SG-3
B. O. 7

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

SCHOOL DISTRICT APPROVAL — DATE

PRESIDENT

MEMBER

ARCHITECT Balch Bryan Perkins Hutchason

ENGINEER Lloyd L. Bowden

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO.

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WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

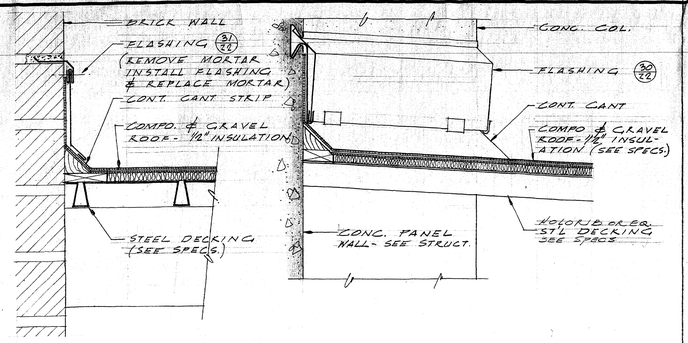
FIN. GRADES & LOCATION PLAN FOR ARCADE COLUMNS

DATE PRINTED

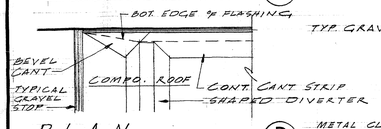
JOB 547

SHEET PP-1

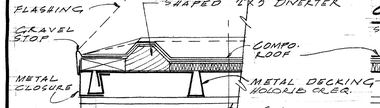
80 B



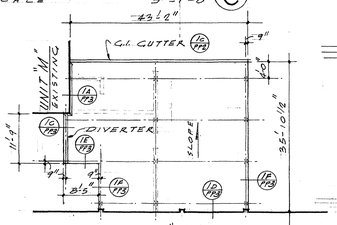
SECTION A
AT EXISTING BRICK WALL



PLAN
AT EXISTING BLDG. UNIT "M" (B)



SECTION C
SCALE 3"=1'-0"

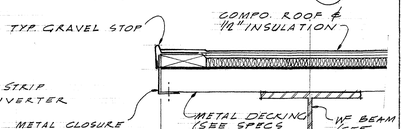


ROOF PLAN
SCALE 1/16"=1'-0"

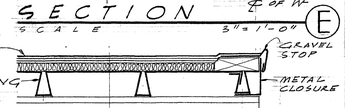
SECT. ELEV. F
SCALE 3"=1'-0"

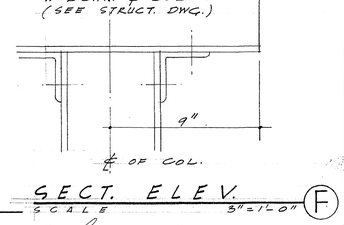
NOTE! SEE SHT PP-G FOR STRUCTURAL DETAILS

SECTION D
AT CONCRETE WALL



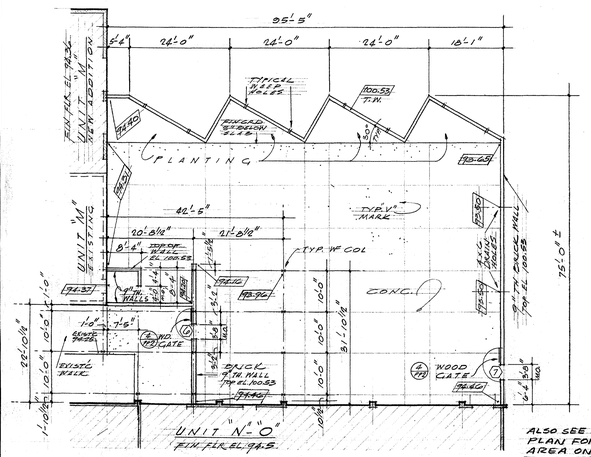
SECTION E
SCALE 3"=1'-0"





SECT. ELEV. F
SCALE 3"=1'-0"

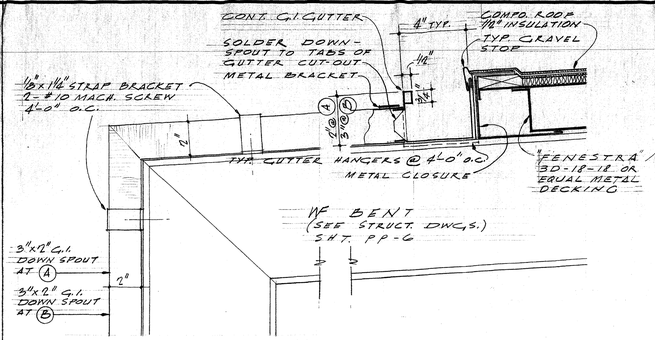
NOTE! SEE SHT PP-G FOR STRUCTURAL DETAILS



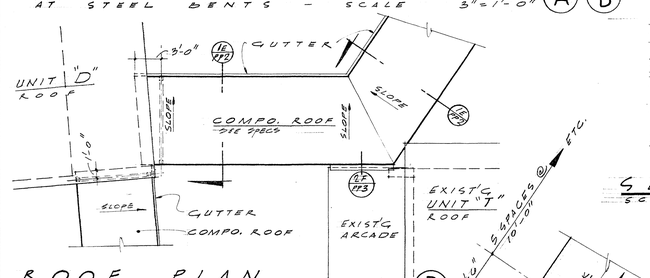
PATIO FLOOR PLAN
SCALE 1/16"=1'-0"

ALSO SEE STRUCTURAL PLAN FOR THIS AREA ON SHT. PP-6

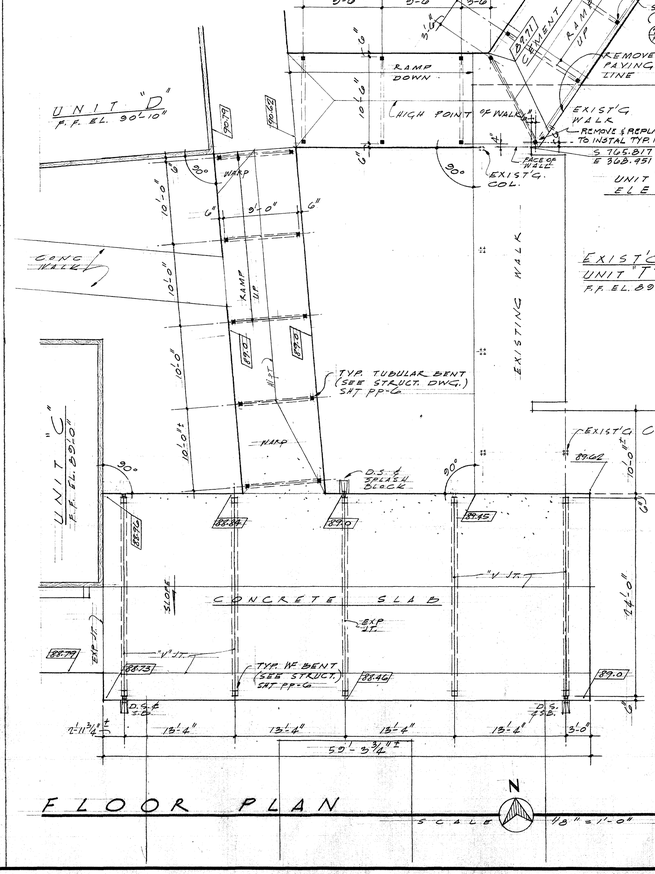
(1)



GUTTER & DOWN SPOUT A B
AT STEEL BENTS - SCALE 3"=1'-0"

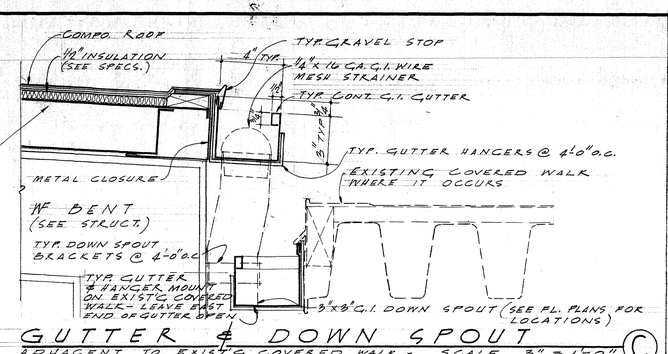


ROOF PLAN D
SCALE 1/16"=1'-0"

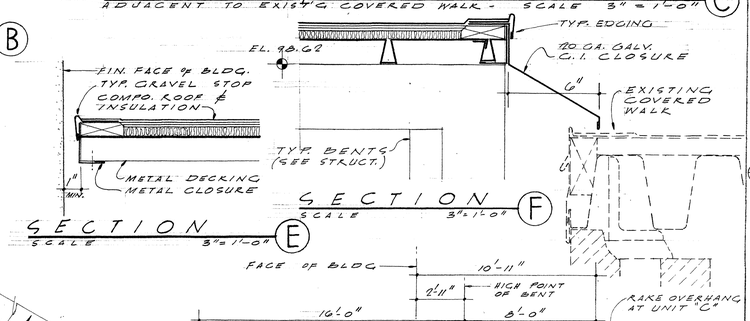


FLOOR PLAN
SCALE 1/8"=1'-0"

(2)

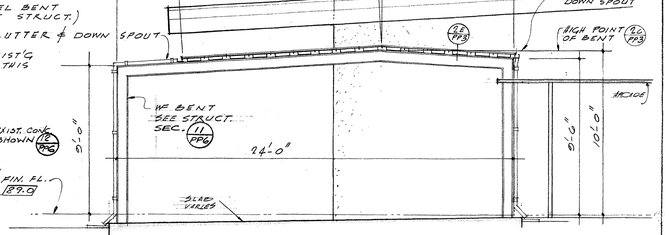


GUTTER & DOWN SPOUT C
ADJACENT TO EXIST'G COVERED WALK - SCALE 3"=1'-0"

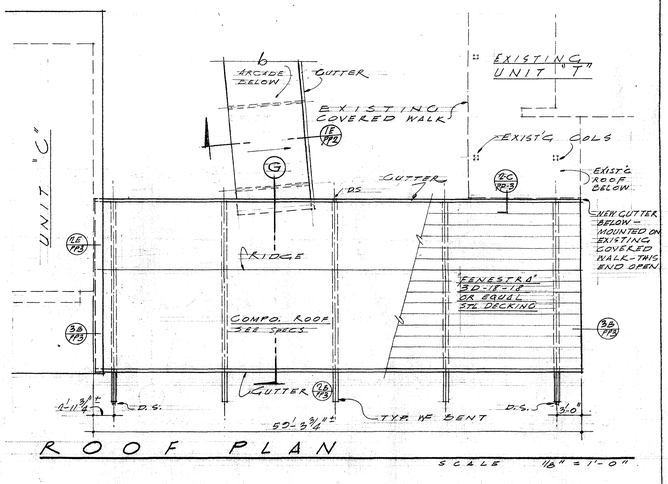


SECTION E
SCALE 3"=1'-0"

SECTION F
SCALE 3"=1'-0"

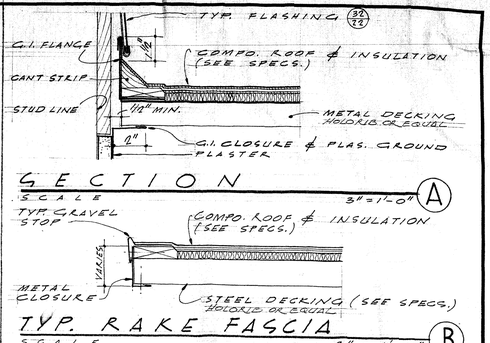


SECTION G
SCALE 1/4"=1'-0"



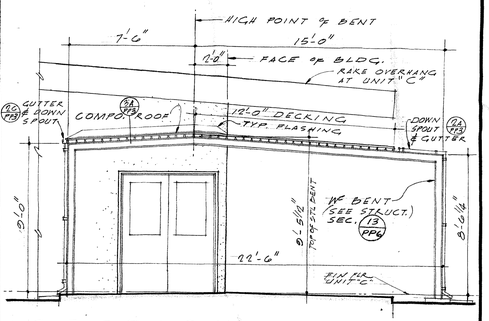
ROOF PLAN
SCALE 1/8" = 1'-0"

MAIN ENTRANCE ARCADE DETAILS

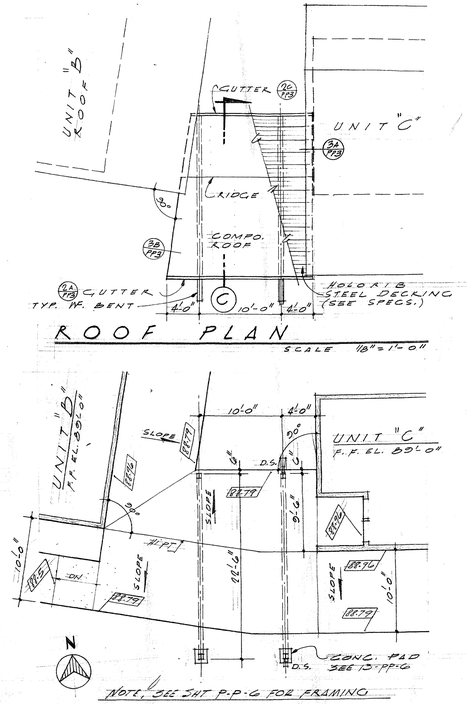


SECTION A
SCALE 3"=1'-0"

TYP. RAKE FASCIA B
SCALE 3"=1'-0"



SECTION C
SCALE 1/4"=1'-0"



ROOF PLAN
SCALE 1/8" = 1'-0"

FLOOR PLAN
SCALE 1/8" = 1'-0"

(3)

ADDITIONS TO MORNINGSIDE HIGH SCHOOL
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

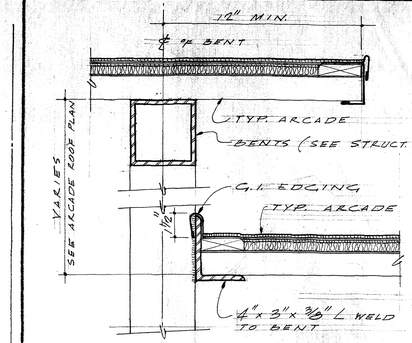
SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
S.E. PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

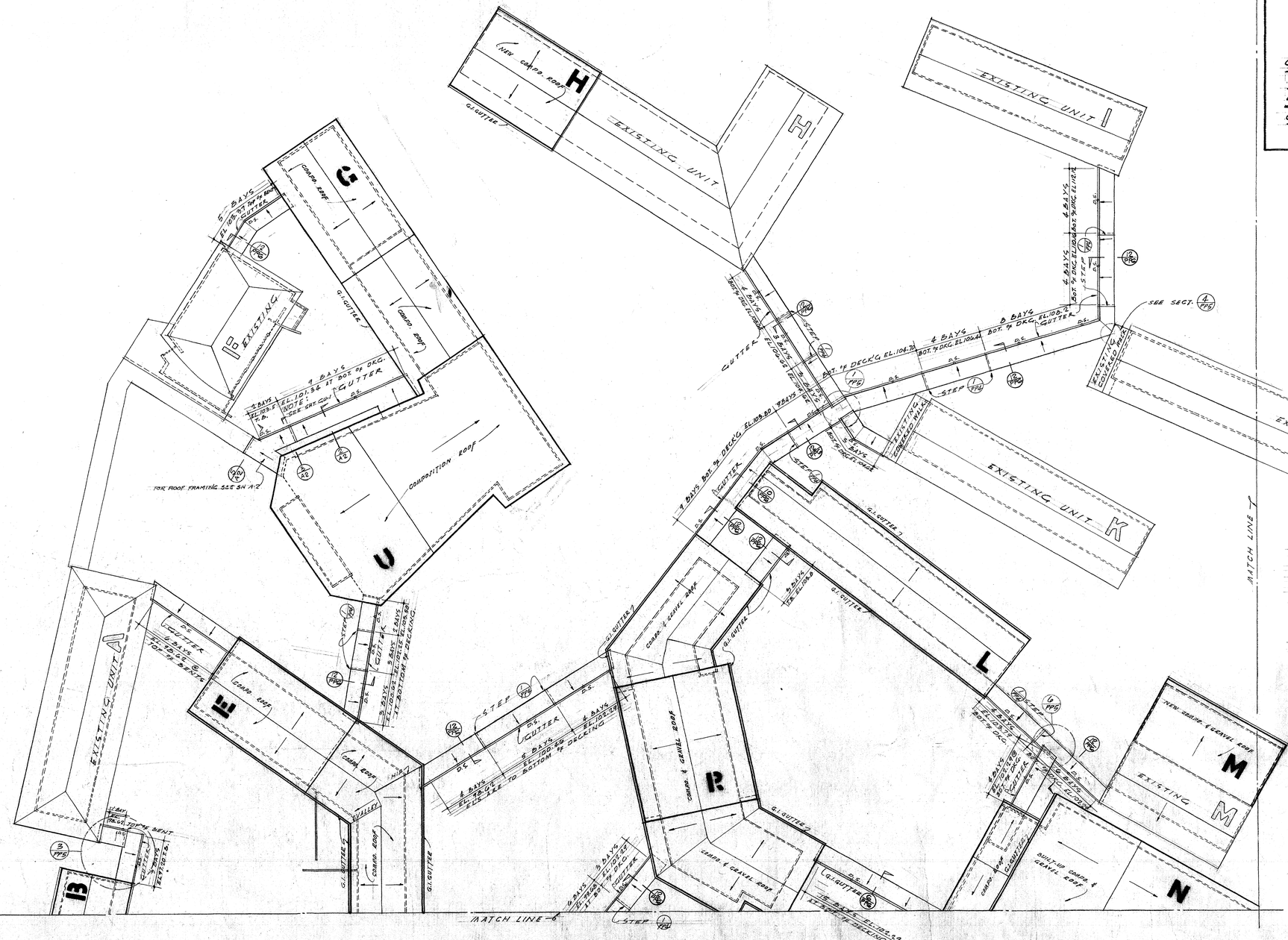
FIN. GRADES & LOCATION PLANS FOR ARCADE COLUMNS, DETAILS OF ENTRANCES "A" & "B"
DATE PRINTED

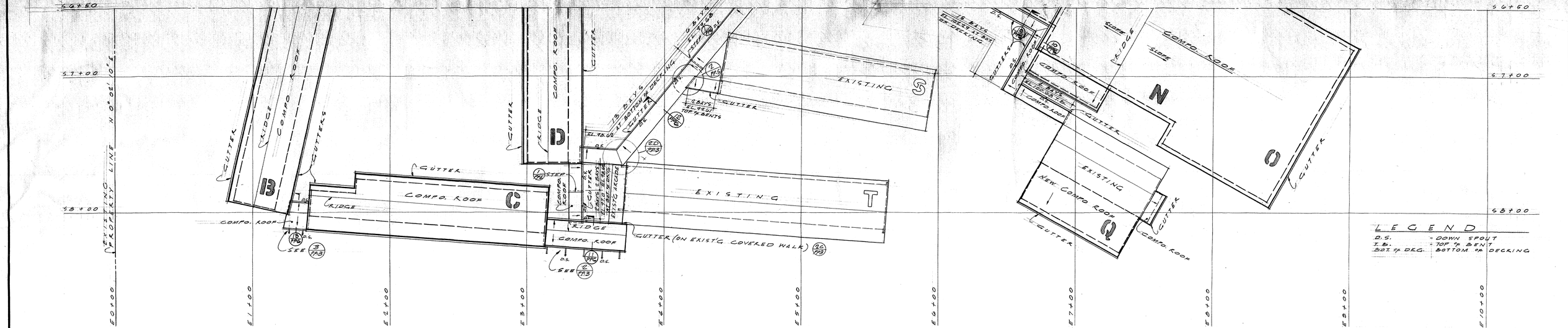
JOB 547
SHEET PP-3
B.O. 10



SECTION
SCALE 3"=1'0"

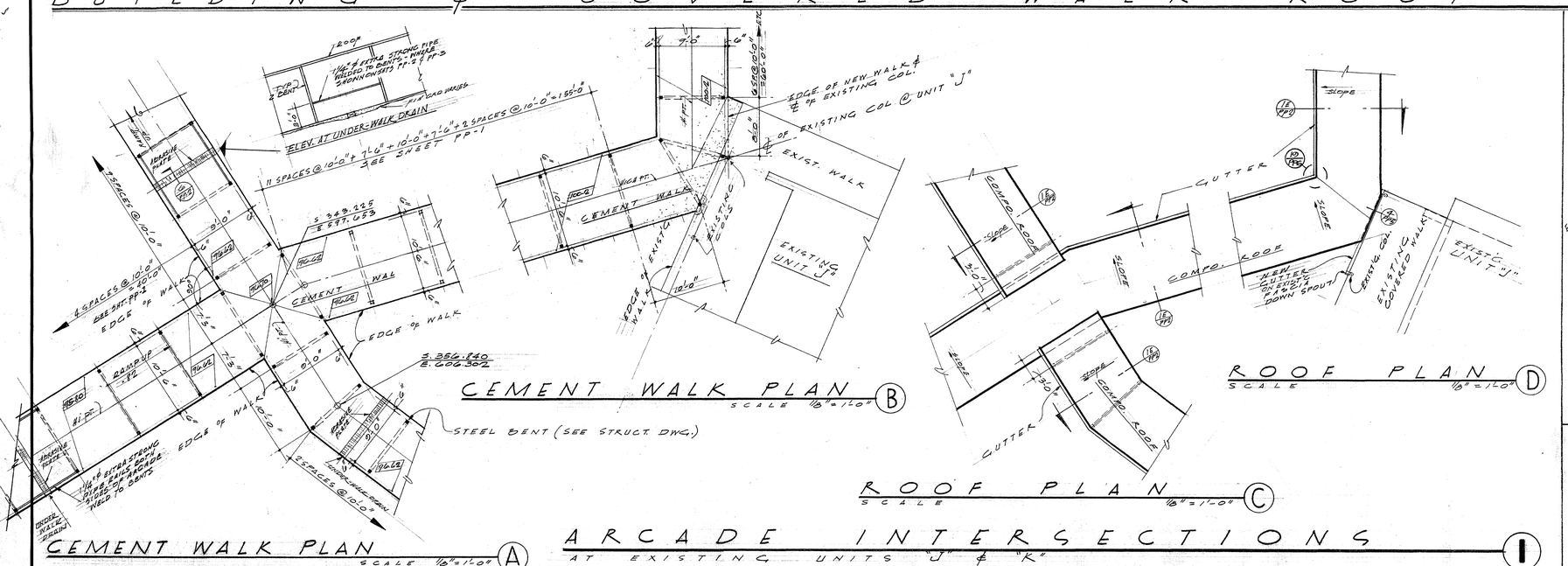
TYPICAL ARCADE STEP DETAIL (1)


PROPERTY LINE N 0°02' 10" E
EXISTING UNIT H
NEW COMPO. ROOF
H
G.I. GUTTER
EXISTING UNIT I
EXISTING UNIT J
EXISTING UNIT K
EXISTING UNIT L
EXISTING UNIT A
EXISTING
EXISTING COVERED WALK
EXISTING
G
COMPO. ROOF
COMPOSITION ROOF
U
B
GUARD ROOF
R
CONCR. & GRAVEL ROOF
M
NEW CONCR. & GRAVEL ROOF
N
BUILT-UP CONCR. & GRAVEL ROOF
VALLEY
STEP
D.S.
GUTTER
5 BAYS EL. 108.17 T.B. GUTTER
4 BAYS EL. 103.5 T.B.
4 BAYS EL. 101.54 AT BOT. OF DKG. NOTE: SEE SECT. GUTTER
FOR ROOF FRAMING SEE SH A-2
4 BAYS BOT. OF DECKG EL. 104.78
4 BAYS BOT. OF DKG. EL. 104.4
4 BAYS BOT. OF DKG. EL. 103.82
4 BAYS BOT. OF DKG. EL. 103.4
8 BAYS BOT. OF DKG. EL. 100.7 GUTTER
4 BAYS BOT. OF DECKG EL. 104.78
4 BAYS BOT. OF DECKG EL. 103.90
4 BAYS BOT. OF DECKG EL. 103.90
3 BAYS BOT. OF DECKG
3 BAYS T.B. EL. 108.0
3 BAYS T.B. EL. 108.0
3 BAYS T.B. EL. 108.0
4 BAYS EL. 108.0 T.B. TOP OF BENT
4 BAYS EL. 100.46 TO BOTTOM OF DECKING
4 BAYS EL. 100.29 TO BOTTOM OF DECKING
4 BAYS EL. 101.29 TO BOTTOM OF DECKING
4 BAYS EL. 101.29 TO BOTTOM OF DECKING
4 BAYS EL. 101



BUILDING & COVERED WALK ROOF PLANS

SCALE 1" = 30'-0"



SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

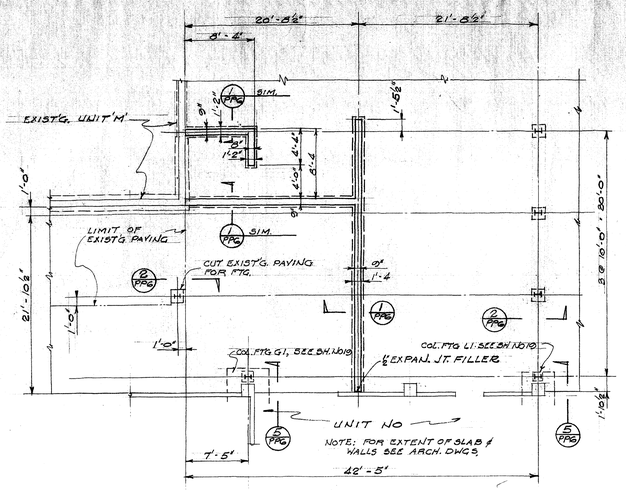
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION 12593
APPROVED FEB 24 1955
Principal Structural Engineer

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

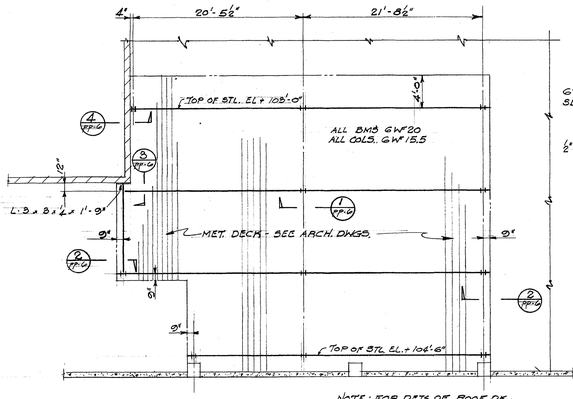
COVERED WALK ROOF PLAN, SECTIONS & DETAILS

DATE PRINTED

JOB 547
SHEET PP-5
B.O. 12

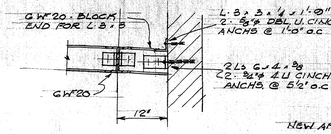


FOUNDATION PLAN

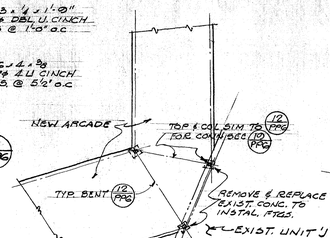


NOTE: FOR DETS. OF ROOF DK. & CONN. TO BLDGS - SEE ARCH. DWGS.

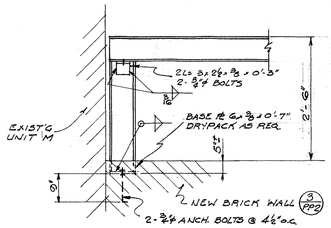
ROOF FRAMING PLAN



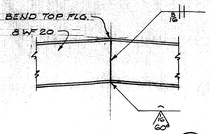
SECTION (3 PPG)
¾" = 1'-0"



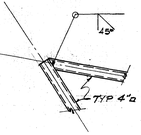
NOTE: ARCADE COLS TO CLEAR EXIST ROOF 2" MIN. FOR ROOF JT. SEE DIMS ON PP# 4 & 5 TO BE VERIFIED IN FIELD. (4 PPG)



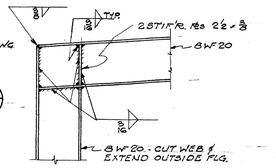
SECTION (4 PPG)
¾" = 1'-0"



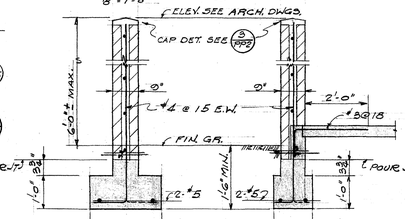
DETAIL (14 PPG)
1" = 1'-0"



DETAIL (19 PPG)
½" = 1'-0"

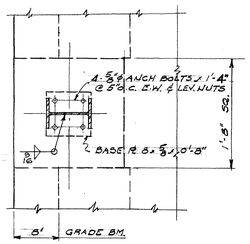


DETAIL (18 PPG)
6" = 1'-0"

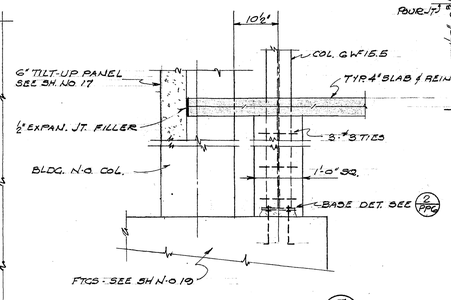


FREE STANDING (7 PPG) AT SLAB (8 PPG) TYP BRICK WALLS
½" = 1'-0"

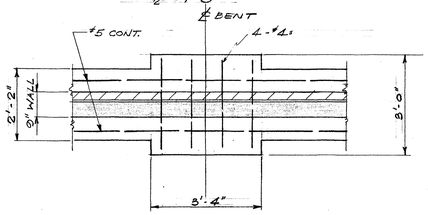
DETAIL (15 PPG)
1" = 1'-0"



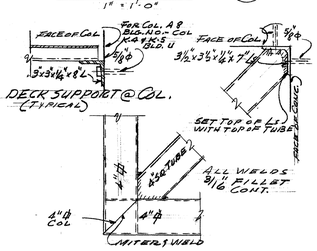
SECTION (10 PPG)
1" = 1'-0"



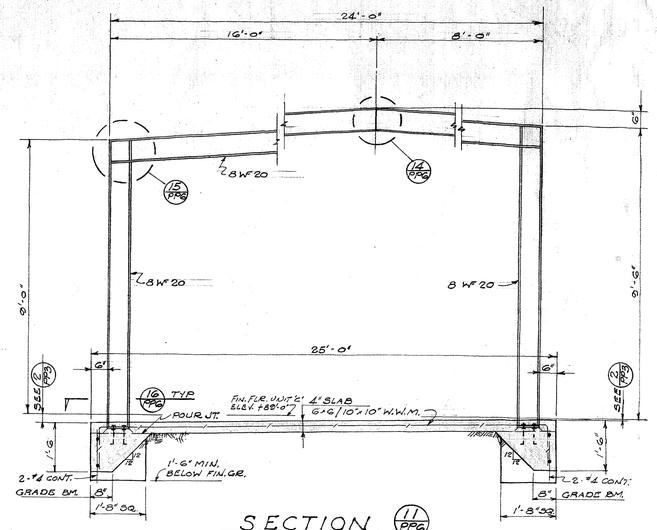
SECTION (5 PPG)
¾" = 1'-0"



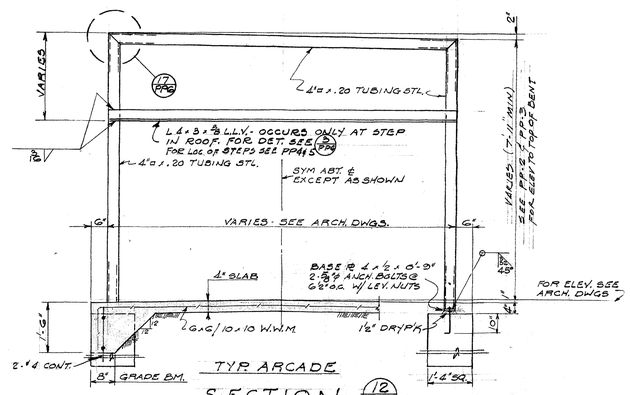
SECTION (9 PPG)
½" = 1'-0"



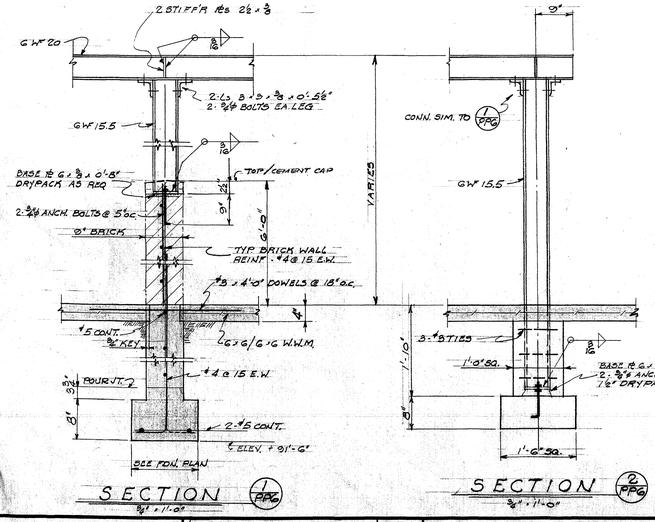
DETAIL (17 PPG)
Scale 1½" = 1'-0"



SECTION (11 PPG)
½" = 1'-0"

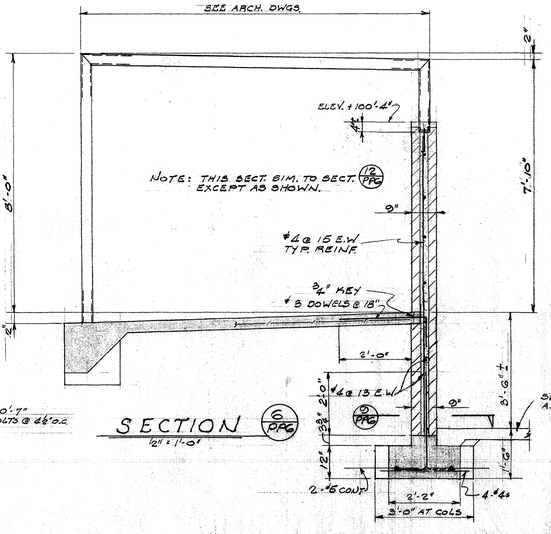


TYP ARCADE SECTION (12 PPG)
½" = 1'-0"

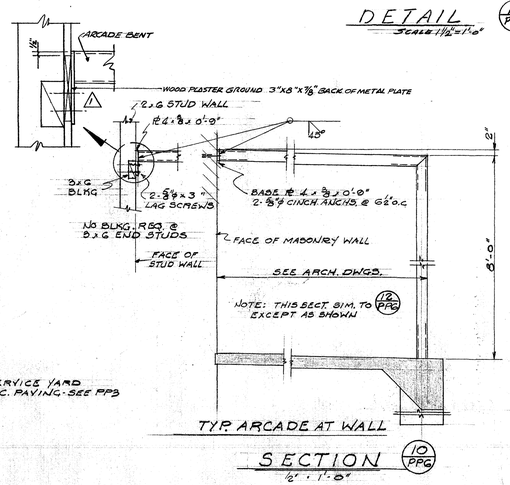


SECTION (1 PPG)
¾" = 1'-0"

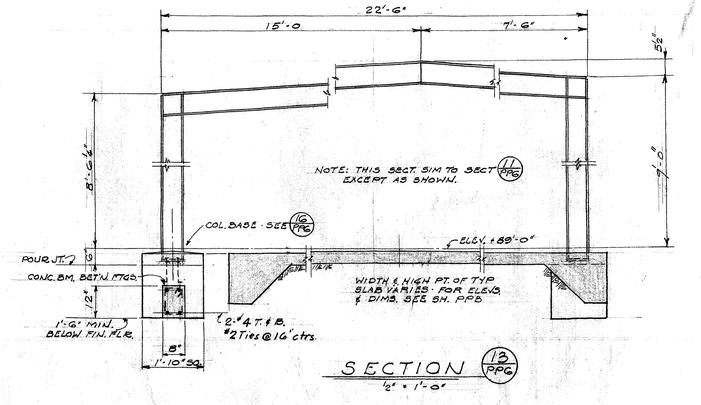
SECTION (2 PPG)
¾" = 1'-0"



SECTION (6 PPG)
1/2" = 1'-0"



TYP. ARCADE AT WALL SECTION (10 PPG)
½" = 1'-0"



SECTION (12 PPG)
½" = 1'-0"

NOTE: SEE PLAN SHEETS FOR ELEVATIONS AT BOTTOM OF FTGS. IF NOT OTHERWISE SHOWN.

AS BUILT

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1629 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 2-9281

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
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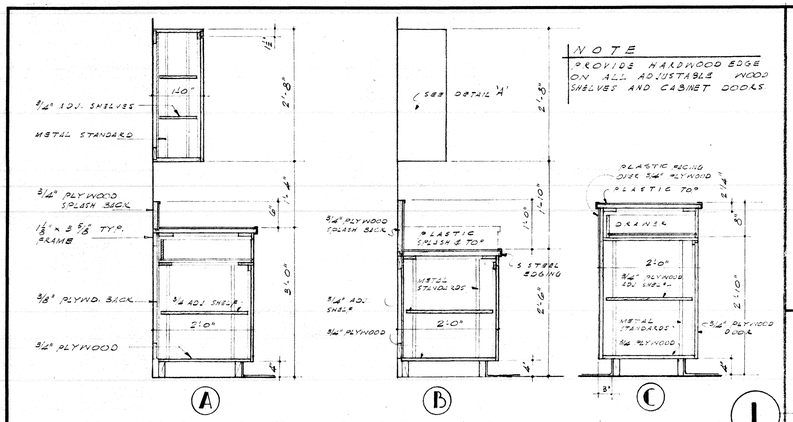
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

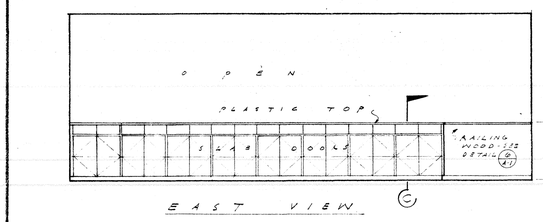
COVERED WALK
SECTIONS & DETAILS

DATE PRINTED

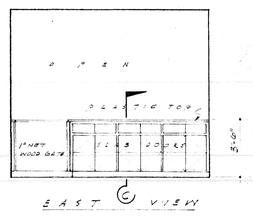
JOB 547
SHEET PP-6
SO. 13



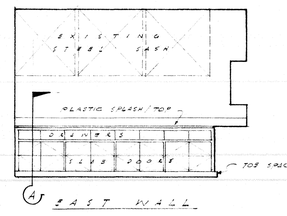
CABINET DETAILS SCALE: 3/4" = 1'-0"

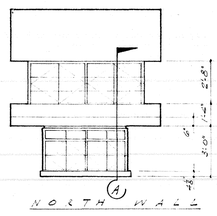


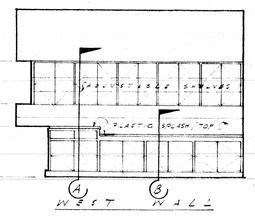
COUNTER IN WAITING ROOM 105
SCALE 1/2" = 1'-0"



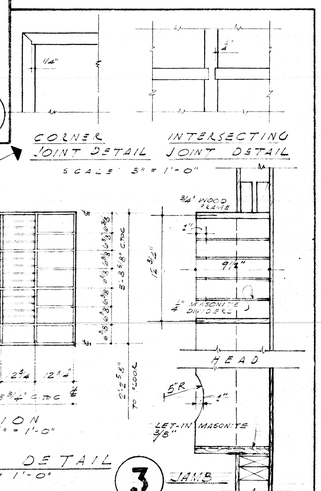
COUNTER IN WAITING ROOM 103
SCALE 1/2" = 1'-0"

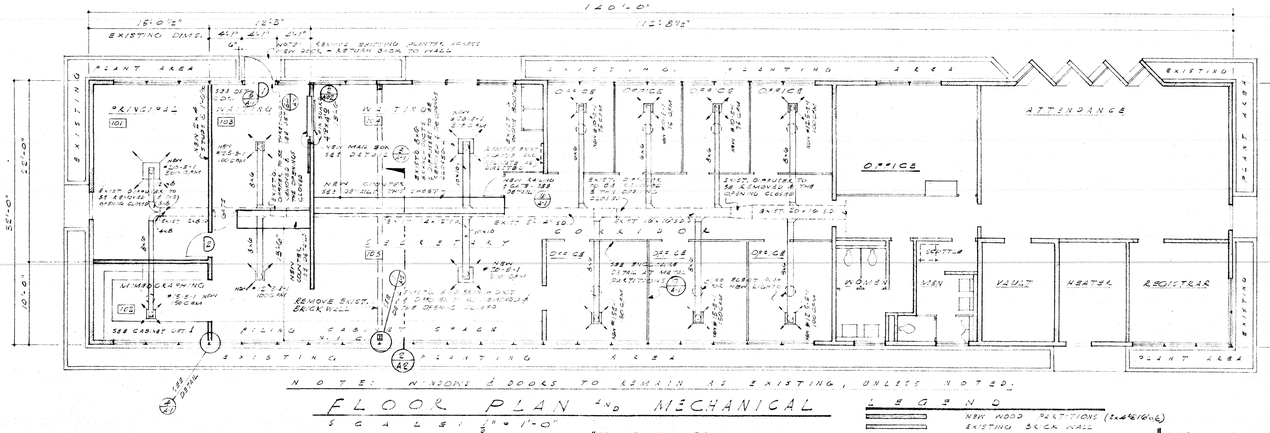


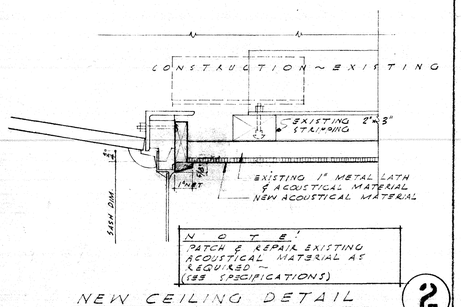


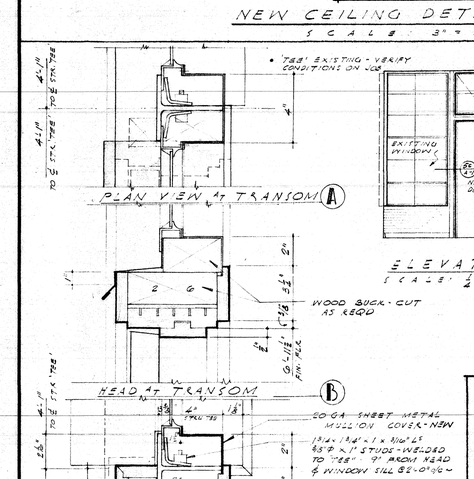


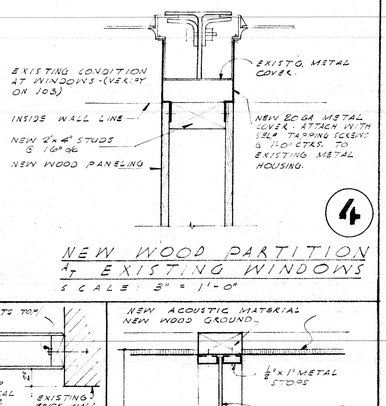
CABINETS IN MIMEOGRAPHING ROOM 102
SCALE: 1/4" = 1'-0"

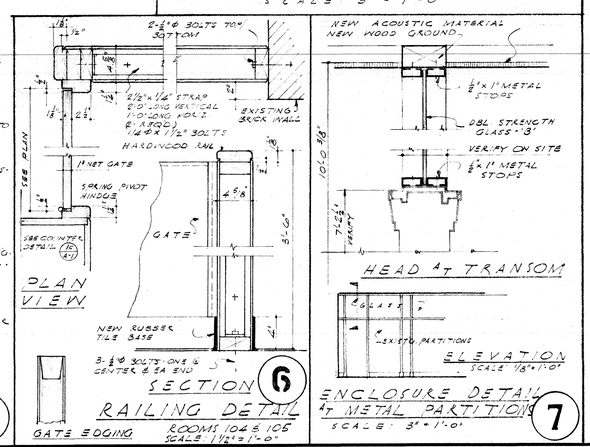












INTERIOR FINISH SCHEDULE

ROOM NAME	NO.	FLOOR	BASE	WNSCT	WALLS	CEILING	REMARKS
		NEW ASPHALT TILE	WOOD - NEW	RUBBER TILE	WOOD PANEL (NEW)	NEW ACOUSTIC T&G - SCALED	
PRINCIPAL	101	●	●		●	●	1. REPLACE AS REQUIRED 2. SEE DETAIL 5, THIS SHEET
MIMEOGRAPHING	102	●	●		●	●	
WAITING	103	●	●		●	●	1. AT COUNTERS ONLY
WAITING	104	●	●		●	●	1. " " "
SECRETARY	105	●	●		●	●	1. " " "

NOTE: ONLY ROOMS TO BE ADDED, OR CHANGED ARE GIVEN ROOM NUMBER.

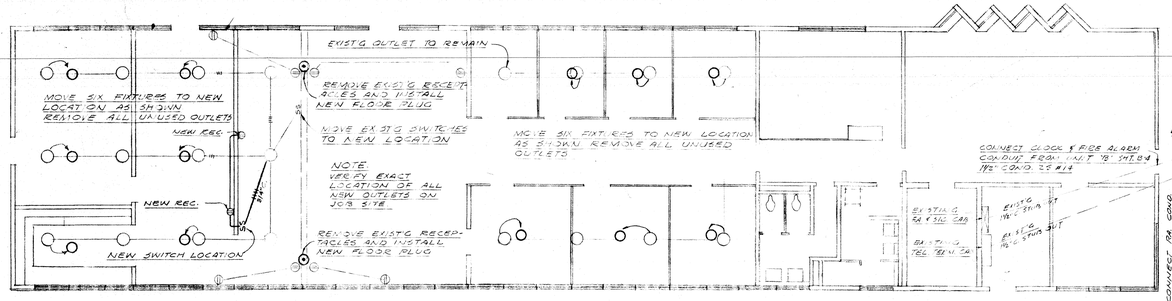
NOTE:
REMOVE EXISTING ASPHALT TILE FLOOR & REPLACE WITH NEW (SEE SPECIFICATIONS)

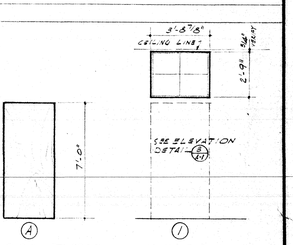
LEGEND
- NEW WOOD PARTITIONS (2x4 @ 16" o.c.)
- EXISTING BRICK WALL
- EXISTING LONGETT BLOCK
- EXISTING METAL PARTITIONS
- REMOVE: EXISTING BRICK WALL
- EXISTING HEATING DUCTS
- NEW HEATING DUCTS

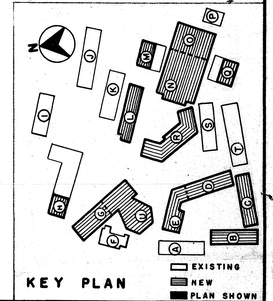
MECHANICAL NOTE
NOTE — CEILING DIFFUSERS SHALL BE ANEMOSTAT TYPE 8-1, TOMATION EXISTING, WITH TY-98 CU-1 CONFIGURATION GRITTED DAMPERS & EQUALIZING DEFLECTORS. EXISTING DIFFUSERS SHALL BE REUSED WHERE THE SIZE IS CORRECT & THE DIFFUSER IS IN GOOD CONDITION

DOOR SCHEDULE

MARK	TYPE	DOOR SIZE	MATERIAL	GLASS	REMARKS
D-1	A	3'-0" x 6'-10" x 1 3/4"	WOOD FACED		MINERAL CORE
D-2	A	3'-0" x 7'-0" x 1 3/4"	" "		" "







SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. | APPROVED
PRINCIPAL STRUCTURAL ENGINEER

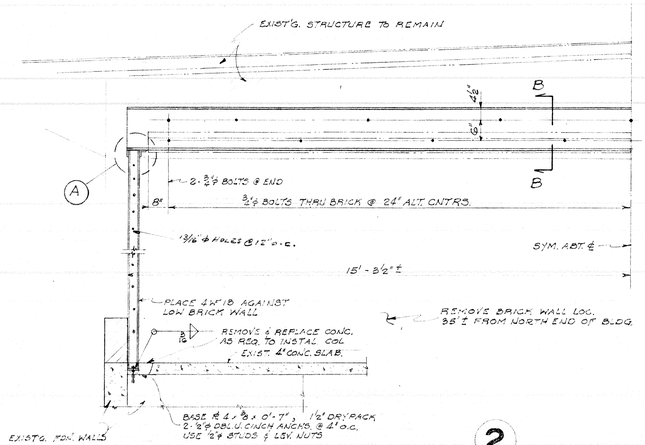
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

ADMINISTRATION REMODEL
ARCHITECTUAL, MECHANICAL and ELECTRICAL

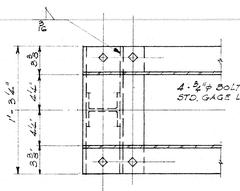
DATE PRINTED

JOB 547
SHEET A-1
B.O. 12

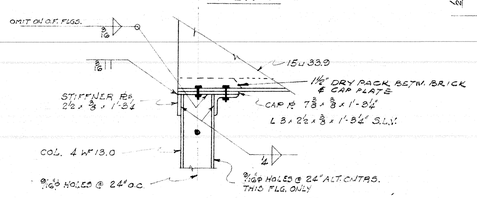


SECT. THRU ADM. BLDG. 2

1/2" = 1'-0"

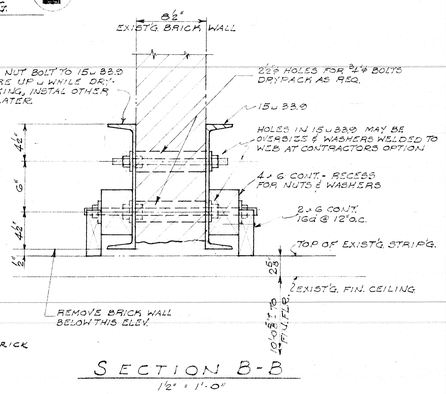


PLAN



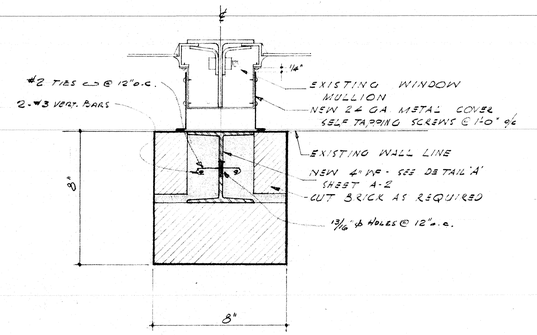
DETAIL (A)

1/2" = 1'-0"



SECTION B-B

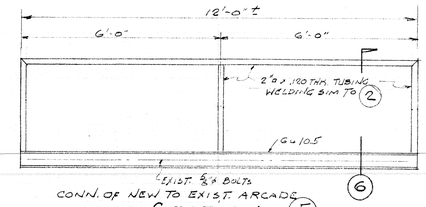
1/2" = 1'-0"



BRICK COLUMN DETAIL

SCALE: 3" = 1'-0"

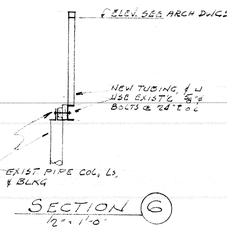
(1)



CONN. OF NEW TO EXIST. ARCADE

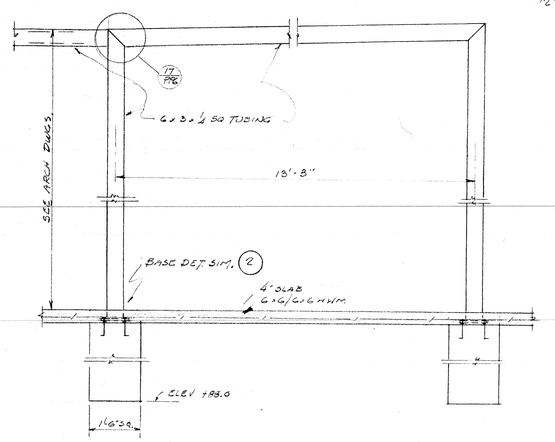
SECTION (5)

1/2" = 1'-0"

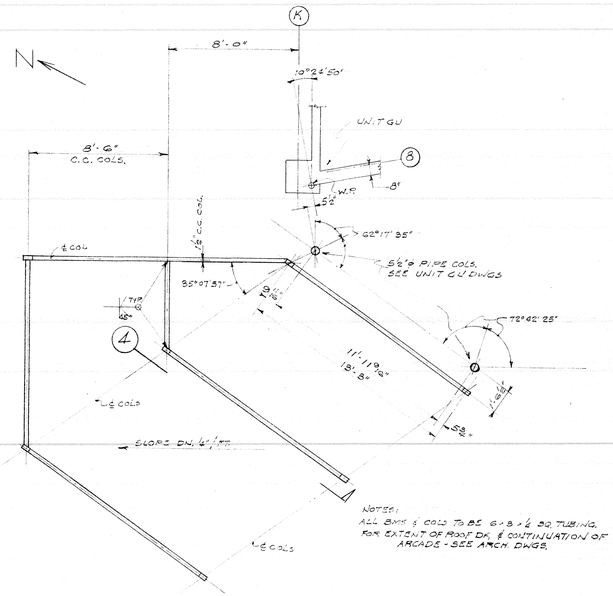


SECTION (6)

1/2" = 1'-0"



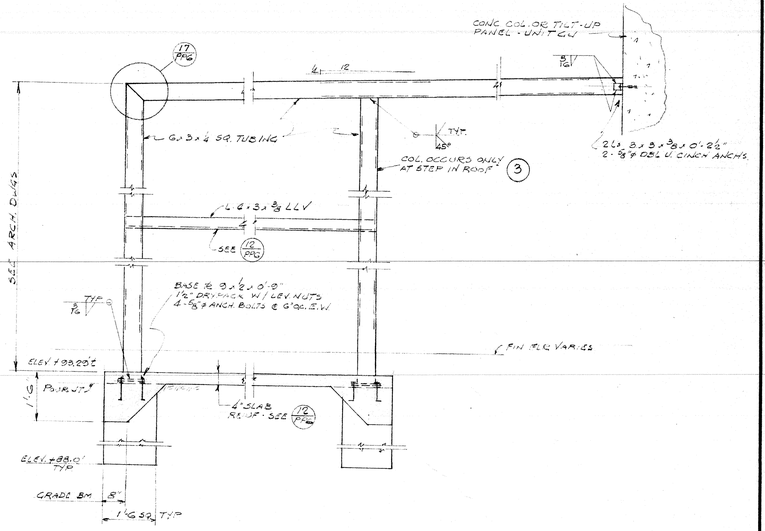
SECTION (4)



NOTES:
ALL BMS & COLS TO BE 6 x 8 x 1/4 SQ. TUBING. FOR EXTENT OF ROOF DR. & CONTINUATION OF ARCADE - SEE ARCH. DWGS.

FRAMING PLAN OF ARCADE AT UNIT GU (1)

1/4" = 1'-0"



SECTION (2) (3)

2" = 1'-0"

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

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INGLEWOOD UNIFIED SCHOOL DISTRICT

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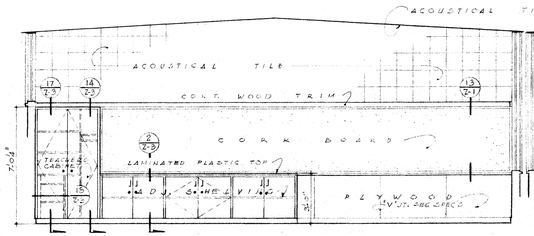
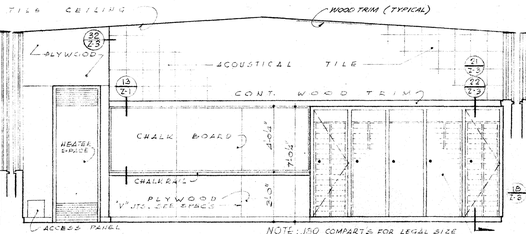
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

—UNIT-A—
STRUCTURAL & ARCADE DETAILS
DATE PRINTED

JOB 547
SHEET A-2
B.O. 15



SOUTH B-101

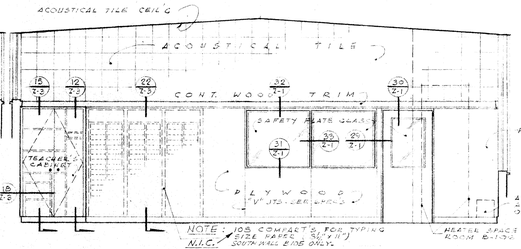


NORTH B-101

NORTH B-105 (SIMILAR)

SOUTH B-102 (SIMILAR-OPPOSITE)

NOTE: 150 COMPARTS. FOR LEGAL SIZE PAPERS (40" D) AT ROOM B-101 & B-105 - SEE FL. PLANS. 144 COMPARTS. FOR TYPING SIZE PAPER (8½" D) AT ROOM B-102. SEE FL. PLAN FOR LOCK NO. EACH SIDE OF CHALK BOARD. N.I.C.

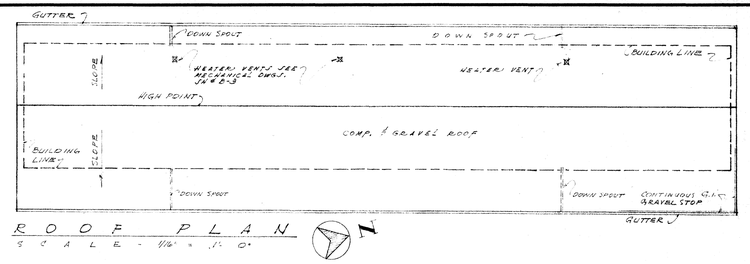


SOUTH B-105

SOUTH B-106 SIMILAR EXCEPT GLASS PARTITION

NOTE: 108 COMPARTS. FOR TYPING SIZE PAPERS (8½" D) SOUTH WALL SIDE ONLY. N.I.C.

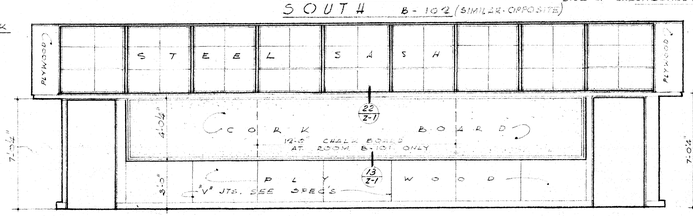
NORTH B-102 (SIMILAR-OPPOSITE)



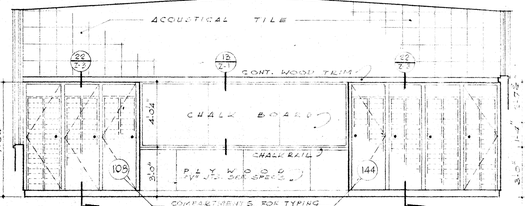
ROOF PLAN

SCALE - 1/16" = 1'-0"

NOTE: SYMBOL ● ON CAB. DOORS MEANS LOCK

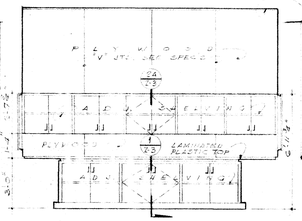


TYPICAL EAST WALL (B-101, B-102, B-105, B-106)

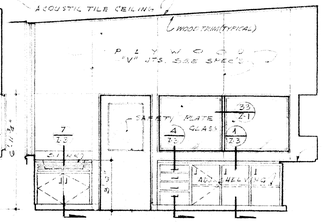


NORTH B-106

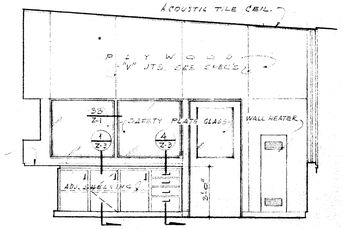
COMPARTMENTS FOR TYPING SIZE PAPER (8½" x 11") N.I.C.



EAST WALL
WORK ROOM B-104

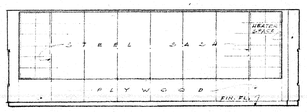


NORTH WALL
WORK ROOM B-103
SCALE - 1/4" = 1'-0"

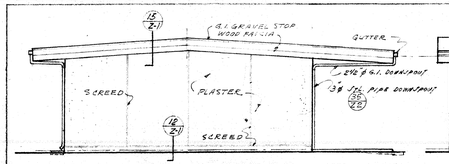


SOUTH WALL
WORK ROOM B-103
SCALE - 1/4" = 1'-0"

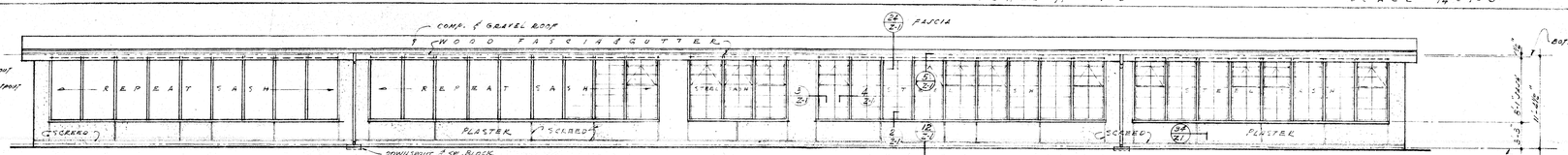
INTERIOR ELEVATIONS SCALE - 1/4" = 1'-0"



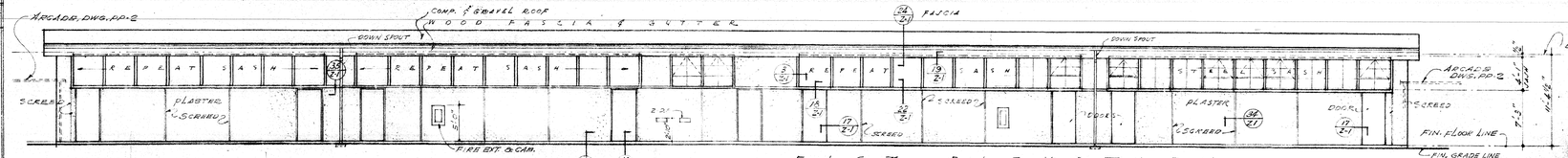
TYPICAL WEST WALL (B-101, B-102, B-105, B-106)
SCALE: 1/8" = 1'-0"



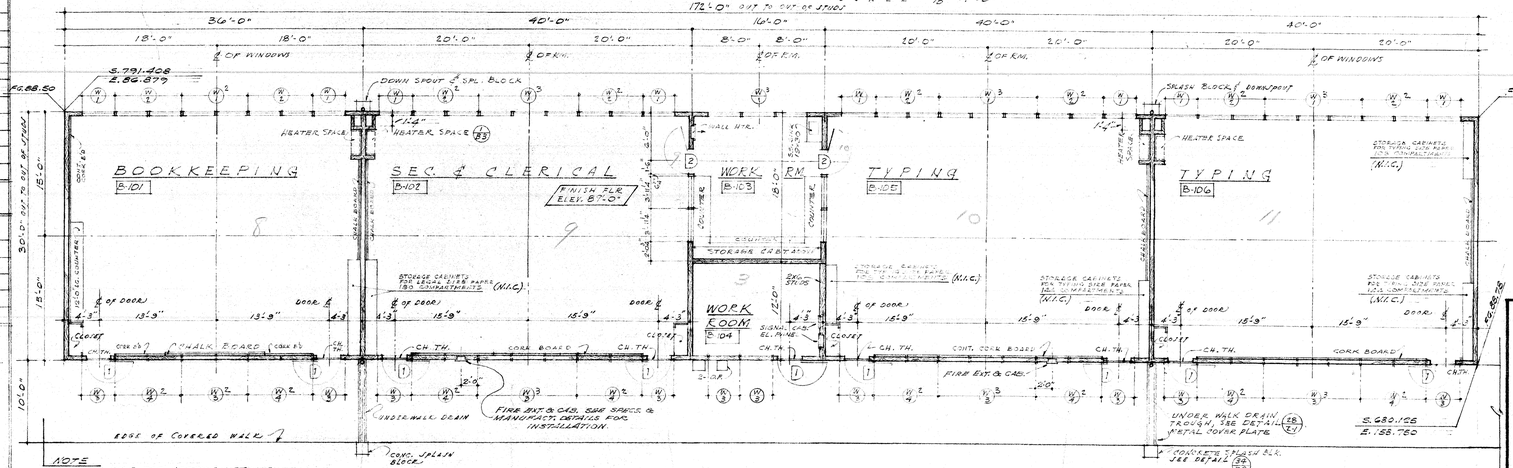
SOUTH (NORTH SIMILAR)
SCALE - 1/8" = 1'-0"



WEST ELEVATION
SCALE - 1/8" = 1'-0"



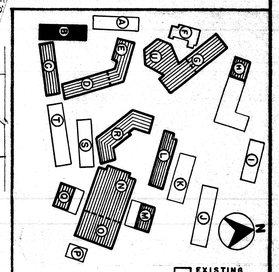
EAST ELEVATION
SCALE - 1/8" = 1'-0"



NOTE
SEE SH. AP-8 FOR ARCADE DETAILS BETWEEN UNITS "B" & "C".

FLOOR PLAN
SCALE - 1/8" = 1'-0"

NOTE
SEE SH. SG-1 & 2 FOR FINISH GRADES THIS AREA.



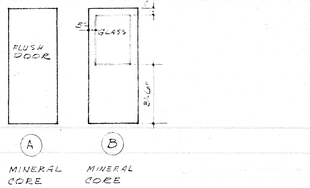
KEY PLAN

INTERIOR FINISH SCHEDULE

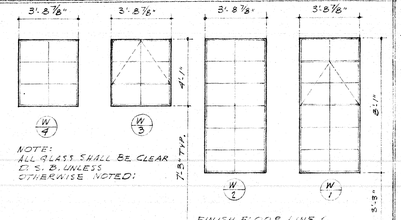
ROOM NAME	No.	FLOORS	BASE	WALLS	CEILING	WAINS.	BLINDS	REMARKS
		RUNNING NUMBER	FINISHED CONCRETE	ASPHALT TILE	WOOD	CEMENT	PLYWOOD	ACOUSTIC TILE	ACOUSTIC TILE	VENETIAN BLINDS	CANVAS VENETIAN BLINDS
BOOKKEEPING	B-101		●		●		●	●	●		●
SEC. & CLERICAL	B-102		●		●			●	●		●
WORK ROOM	B-103		●		●			●		●	
WORK ROOM	B-104			●		●		●		●	
TYPING	B-105		●		●		●		●		●
TYPING	B-106		●		●		●		●		●

DOOR SCHEDULE

NUMBER	TYPE	DOOR SIZE	MATERIAL	GLASS	REMARKS
D-1	A	3'-0" x 7'-0" x 1¾"	WOOD	—	MINERAL CORE
D-2	B	3'-0" x 6'-11" x 1¾"	WOOD	SAFETY PLATE GLASS	MINERAL CORE



DOOR TYPE
SCALE - 1/4" = 1'-0"



NOTE:
ALL GLASS SHALL BE CLEAR D.S.B. UNLESS OTHERWISE NOTED.

WINDOW SCHEDULE
SCALE - 1/4" = 1'-0"

SCHOOL DISTRICT APPROVAL
PRESIDENT
MEMBER
ARCHITECT
ENGINEER
DATE

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

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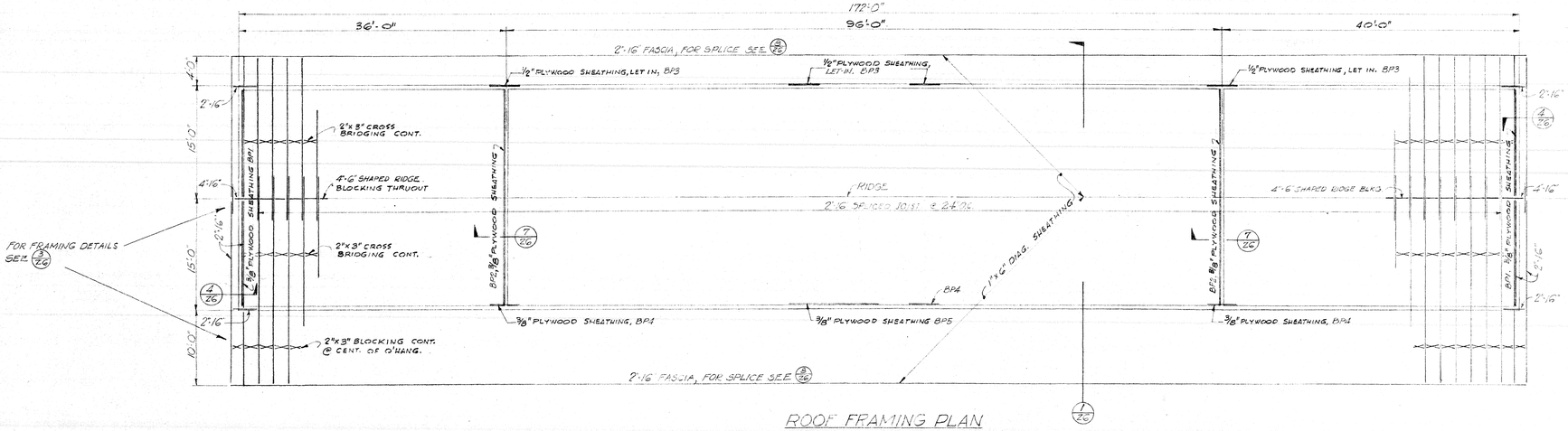
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 32998
APPROVED FEB 2 1959
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

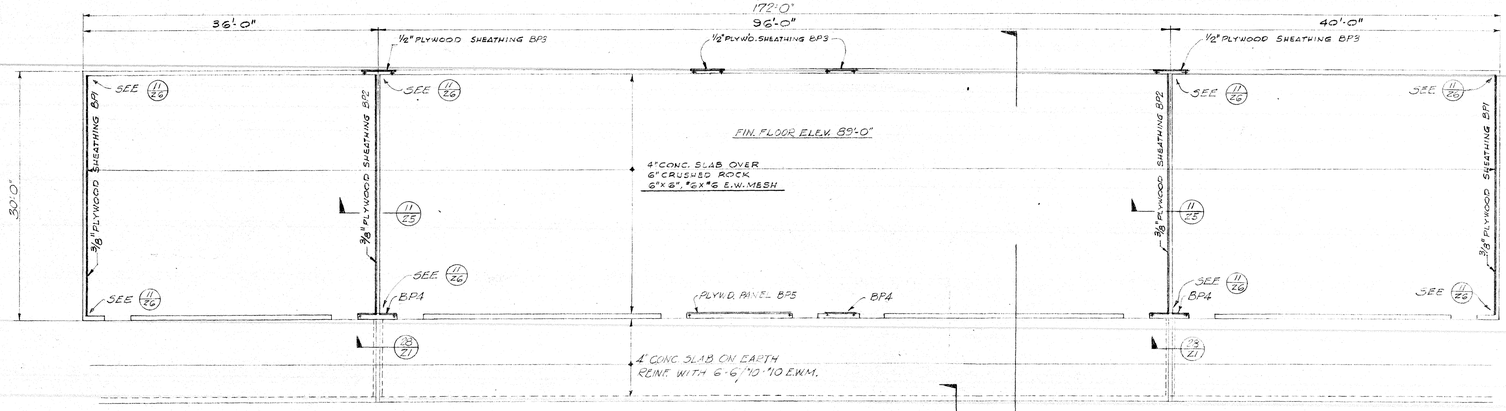
UNIT - B -
FLOOR & ROOF PLANS
ELEVATIONS
SECTIONS & SCHEDULES
DATE PRINTED

JOB 547
SHEET B-1
80. 16



ROOF FRAMING PLAN

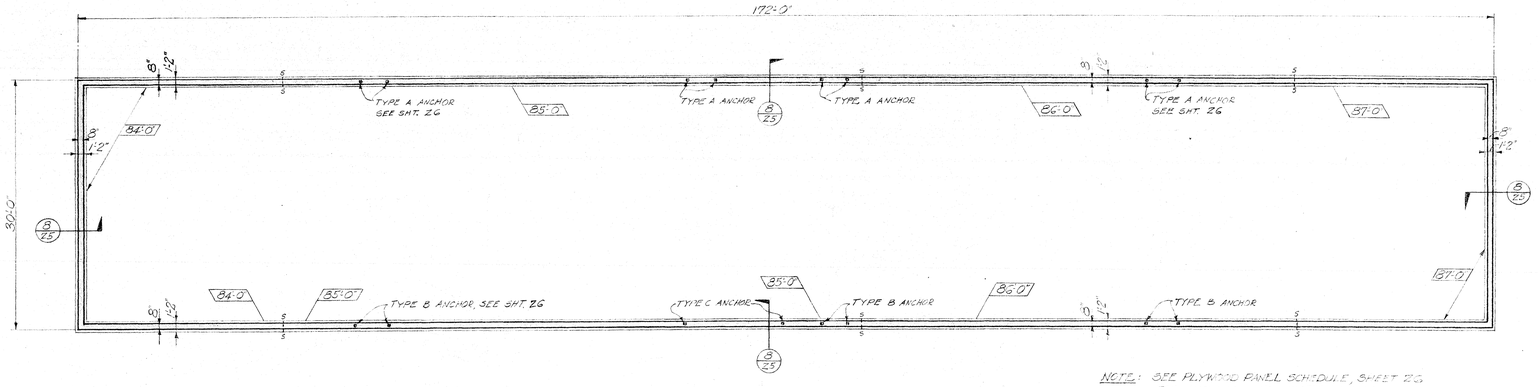
SCALE — 1/8" = 1'-0"



FLOOR FRAMING PLAN

SCALE — 1/8" = 1'-0"

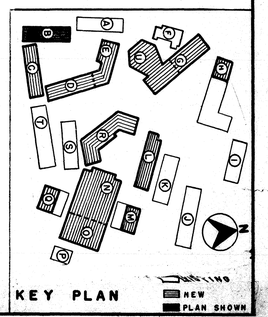
NOTE: ALL EXTERIOR WALLS ARE 2"x6" STUDS @ 16" O.C. UNLESS NOTED.
ALL INTERIOR WALLS AND PARTITIONS ARE 2"x4" STUDS @ 16" O.C. UNLESS NOTED.
SEE SHEET 2G FOR PLYWOOD PANEL SCHEDULE.



NOTE: SEE PLYWOOD PANEL SCHEDULE, SHEET 2G, FOR ANCHORS IN POLICATION WALLS.
FIGURES IN BOXES 84'-0" ARE ELEVATIONS OF BOTTOM OF FOOTINGS.

FOUNDATION PLAN

SCALE — 1/8" = 1'-0"



EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

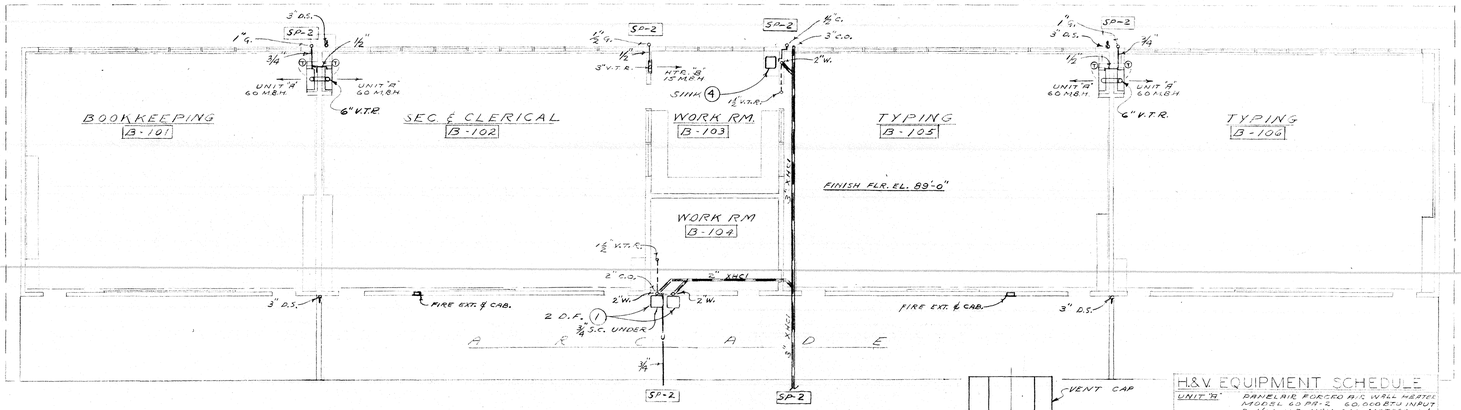
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO.
APPROVED
J. L. PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

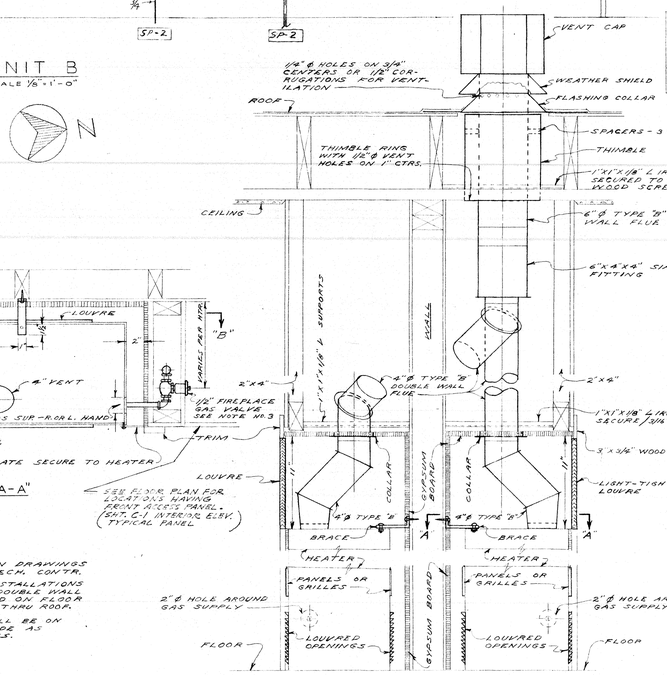
UNIT - B -
FOUNDATION & FRAMING PLAN

DATE PRINTED

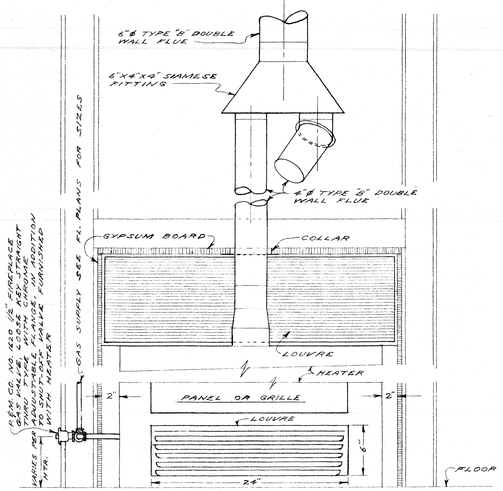
JOB 547
SHEET B-2
B. O. 17



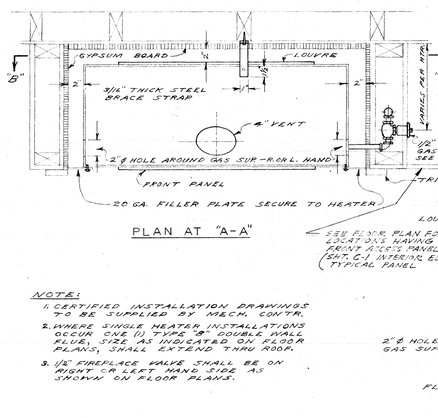
UNIT B
SCALE 1/8" = 1'-0"



ELEVATION VIEW



SECTION "B-B"



PLAN AT "A-A"

NOTE:
1. CERTIFIED INSTALLATION DRAWINGS TO BE SUPPLIED BY MECH. CONTR.
2. WHERE SINGLE HEATER INSTALLATIONS OCCUR USE (1) TYPE "B" DOUBLE WALL FLUE, SIZE AS INDICATED ON FLOOR PLANS, SHALL EXTEND THRU ROOF.
3. 1/2" FIREPLACE VALVE SHALL BE ON RIGHT OR LEFT HAND SIDE AS SHOWN ON FLOOR PLANS.

SEE FLOOR PLAN FOR LOCATIONS HAVING FRONT ACCESS PANEL. (SAT. C.I. INTERIOR ELEV. TYPICAL PANEL)

FORCED AIR HEATER DETAILS

SCALE - 1½" = 1'-0"
(APPLIES TO HEATERS IN UNITS "B", "C", "D", & "G")

H & V SYMBOL SCHEDULE

T	THERMOSTAT
V.T.R.	VENT THROUGH ROOF
S.D. / F.A.D.	SUPPLY DUCT / FRESH AIR DUCT
R.D. / E.D.	RETURN AIR DUCT - EXHAUST DUCT
S.G.	SUPPLY GRILLE
R.G. / E.G.	RETURN AIR GRILLE - EXHAUST GRILLE
D.T.	DUCTTURN
EXT.	EXTRACTOR
V.D.	VOLUME DAMPER
F.D.	FIRE DAMPER
C.D.	CEILING DIFFUSER
	INCLINED DROP
	INCLINED RISE
Ø OR	AUTOMATIC DAMPER
A.P.	ACCESS PANEL
A.D.	ACCESS DOOR
	HOT WATER HEATING SUPPLY
	HOT WATER HEATING RETURN
	GATE VALVE
	BALANCING COCK
	CHECK VALVE
	ANCHOR
	STRAINER
P.O.	PLUGGED OUTLET
	3 WAY VALVE
D.L.	DOOR LOUVRE
A.V.	AUTO. AIR VENT PIPED TO DRAIN
R.V.	RELIEF VALVE
C.W.	COLD WATER
I.D.	INSIDE DIMENSION
G.C.	GENERAL CONTRACTOR
S/M	SHEET METAL

NOTE: ABOVE APPLIES TO ALL H.&V. DWGS.

H&V EQUIPMENT SCHEDULE

UNIT "A": RANGE-AIR FORCED AIR WALL HEATER MODEL 43 PR-C, 60,000 BTU INPUT 2-1/60 H.P. 115 V. 60 CY MOTORS W/ 2-SPEED CONTROL

HEATER "B": HONAIRE CIRCULAR WALL HEATER MODEL CHS-30 15,000 BTU INPUT

REFER TO DWG. Z-7 FOR TEMP. CONTROL DIAGRAMS.

GENERAL NOTES

(APPLIES TO ALL H.&V. DWGS.)

UNLESS OTHERWISE NOTED, THE FOLLOWING APPLIES TO ALL DRAWINGS:

ALL HORIZONTAL RUNS OF PIPING AND/OR DUCTS SHALL BE INSTALLED IN THE FURRED CEILING OR FURRED WALL SPACE OF THE FLOOR PLAN ON WHICH IT IS SHOWN. UNLESS SPECIFICALLY INDICATED OTHERWISE.

REFER TO ARCHITECT'S DRAWINGS AND DETAILS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES, PARTITIONS, EQUIPMENT, ETC.

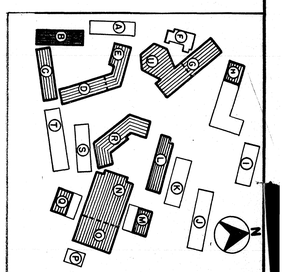
THIS CONTRACTOR SHALL CHECK WITH ALL OTHER CONTRACTORS SO THAT NO INTERFERENCE SHALL OCCUR AND IN ORDER THAT GRADE LINES MAY BE ESTABLISHED FOR THE WORK OF EACH CONTRACTOR, AS NO EXTRAS WILL BE ALLOWED ANY CONTRACTOR FOR CHANGES MADE NECESSARY BY INTERFERENCE WITH THE WORK OF OTHER TRADES.

THE HORIZONTAL DIMENSIONS OF ALL DUCTS AND GRILLES ARE GIVEN FIRST.

PLUMBING NOTE

INSTALL [illegible] SIGN AT BACK FLAT SLOPE [illegible] SEE FLOOR PLAN DWG. NO. SP-2

FOR GENERAL NOTES, SYMBOLS, & ABBREVIATIONS REFER TO PLOT PLAN DRAWING NO. SP-2.



LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 22048
APPROVED
J.E. Chenoweth
J.E. CHENOWETH
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNIT - B -
HEATING, VENTILATING & PLUMBING PLAN
DATE PRINTED

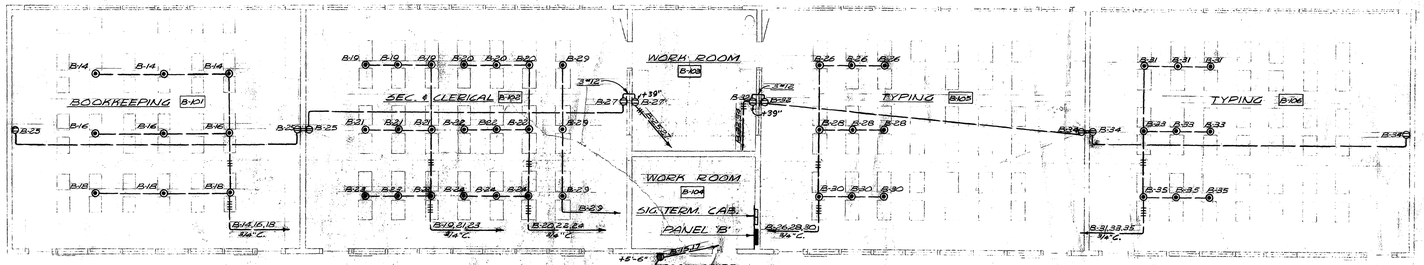
JOB 547
SHEET B-3
B.O. 18

"B"

				208			
▽	1	15	3	1500	ROOM NO		B-101
▽	1	15	3	1500	"	"	B-102
▽	1	15	3	1500	"	"	B-101
▽	1	15	3	1500	"	"	B-102
▽	1	15	3	1500	"	"	B-101
▽	1	15	3	1500	"	"	B1/106
▽	1	15	3	1500	"	"	B1/105
▽	1	15	3	1500	"	"	B1/106
▽	1	15	3	1500	"	"	B-105
▽	1	15	3	1500	"	"	B-106
▽	1	15	3	1500	"	"	B1/105
▽	1	15	3	1500	"	"	B-106
	1	78	9	1400	"	"	B-103,104,CONV.WALK
	1	20	1	400	"	"	B1/101
	1	20	1	400	"	"	B1/101
	2	20	1	1000	220V.2POLE TL. REC.		
	1	20	3	600	ROOM NOS B-101		
	-	-	-	-	2 POLES WITH CKT. NO 15		
	1	20	3	600	ROOM NO		B-101
	1	20	3	600	"	"	B-102
	1	20	3	600	"	"	B-102
	1	20	3	600	"	"	B-102
	1	20	3	600	"	"	B-102
	1	20	3	600	"	"	B-102
	1	20	3	600	"	"	B-102
	1	20	3	600	"	"	B-101,102
	1	20	3	600	"	"	B-105
	1	20	2	400	"	"	B-102,103
	1	20	3	600	"	"	B-105
	1	20	3	600	"	"	B-102
	1	20	3	600	"	"	B-105
	1	20	3	600	"	"	B-106
	1	20	2	400	"	"	B-102,105
	1	20	3	600	"	"	B-106
	1	20	3	600	"	"	B-105,106
	1	20	3	600	"	"	B-106
	1	30		2 1/BOX	200	"	B-105, 106
	1	30		2 1/BOX	200	"	B-101, 102
	1	15		RR	100	POWER PACK	
						SPARE	
						"	
						"	

32,550 100A. 3P 1 3W.

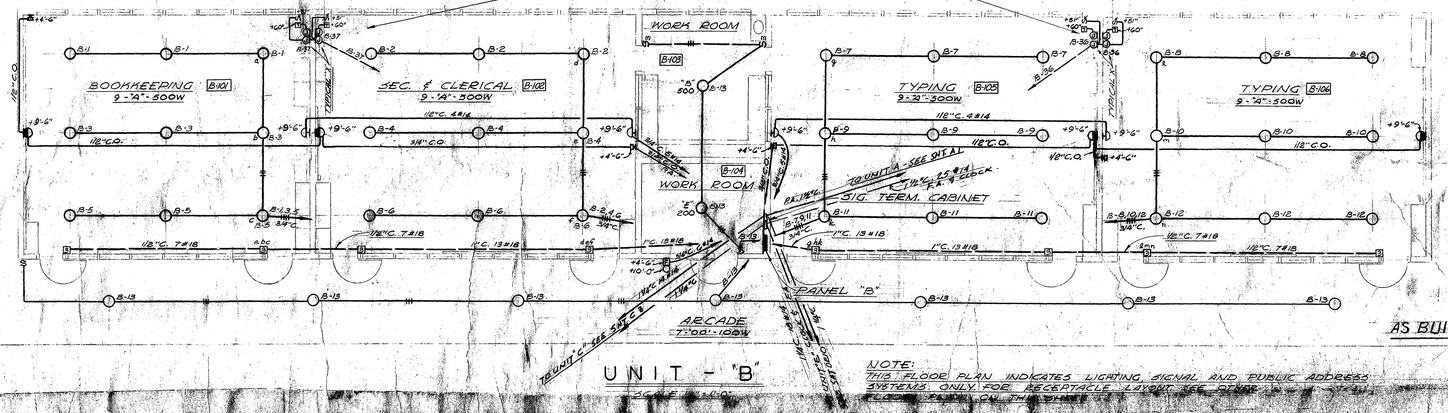
THIS SYMBOL ▽ INDICATES 'LOW VOLTAGE RELAYS'
PROVIDE LOW VOLTAGE POWER PACK IN THIS PANEL



NOTE:
FLUSH FLOOR OUTLETS SHALL BE RUSSELL & STOLL # 8508 COMPLETE WITH RECEPTACLE

UNIT - "B"
SCALE 1/8" = 1'-0"

NOTE:
RECEPTACLE LAYOUT ONLY



AS BUILT

UNIT - "B"
SCALE 1/8" = 1'-0"

NOTE:
THIS FLOOR PLAN INDICATES LIGHTING, SIGNAL AND PUBLIC ADDRESS SYSTEMS ONLY FOR RECEPTACLE LAYOUT SEE OTHER FLOOR PLANS ON THIS SHEET

EDW. C. SYLVANUS
ELECTRICAL ENGINEER, C 2744
8727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
DUnkirk 7-4788

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

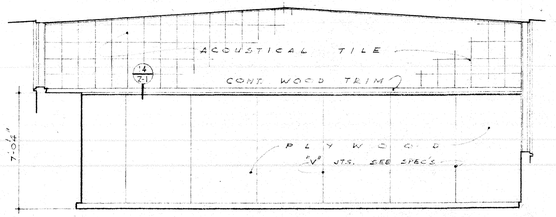
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1959
SGC-PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

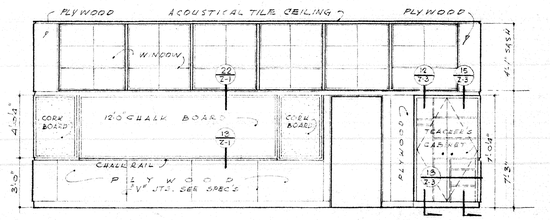
UNIT-B-
ELECTRICAL FLOOR PLANS & PANEL SCHEDULES
DATE PRINTED

JOB 547
SHEET E-4
S.O. 7

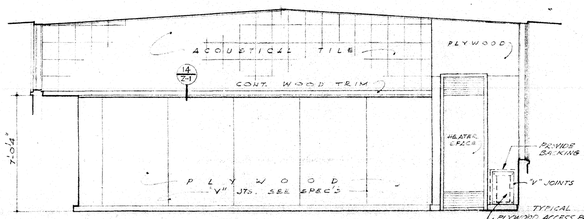
NOTE: SYMBOL ● ON CAB. DOORS MEANS LOCK



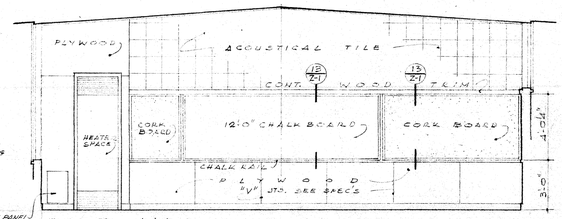
WEST WALL ROOMS C-104 & C-106



SOUTH WALL ROOMS C-104, C-105, C-106, C-107, C-108

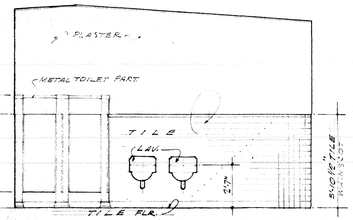


WEST WALL ROOMS C-105, C-107, C-108

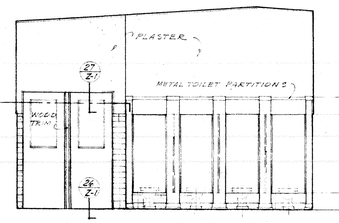


EAST WALL ROOMS C-104, C-106
AT ROOMS C-105, C-107, C-108 EXTEND CORRIDOR TO NORTH WALL

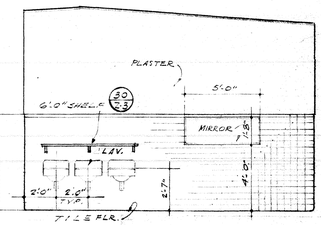
CLASS ROOM INTERIORS SCALE - 1/4" = 1'-0"



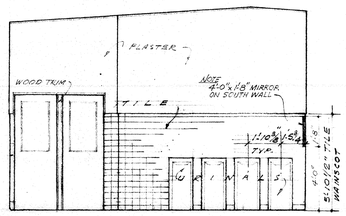
BOYS' EAST



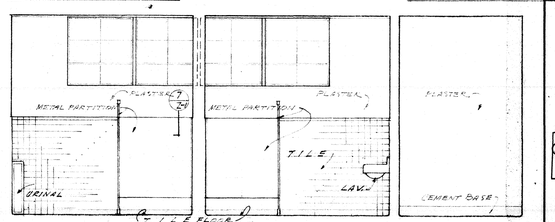
GIRLS' WEST



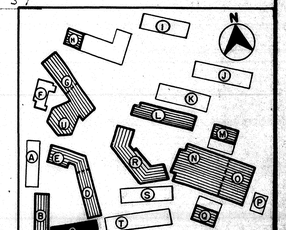
GIRLS' EAST



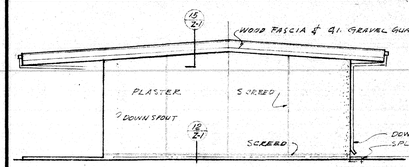
BOYS' WEST TOILET ROOM



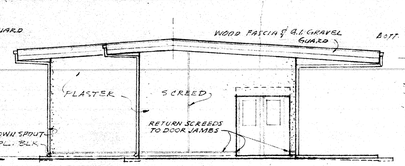
BOYS' NORTH GIRLS' NORTH CUSTODIAN



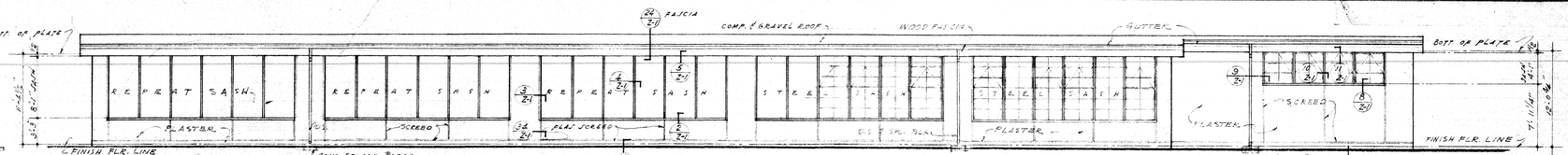
INTERIORS SCALE - 1/4" = 1'-0"



EAST ELEVATION
SCALE - 1/8" = 1'-0"



WEST ELEVATION
SCALE - 1/8" = 1'-0"



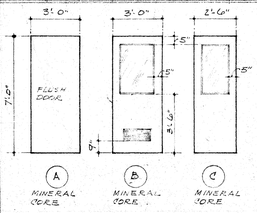
NORTH ELEVATION
SCALE - 1/8" = 1'-0"

INTERIOR FINISH SCHEDULE

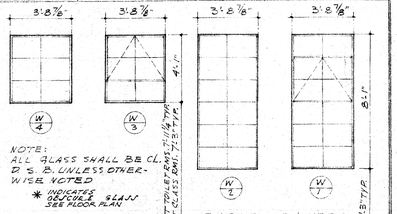
ROOM NAME	NO.	FLOORS			BASE			WALLS					CEILING			WAINS.	BLINDS	REMARKS
	ROOM NUMBER	FINISHED CONCRETE	ASPHALT TILE	TILE	WOOD	CEMENT	PLYWOOD	ACOUSTIC TILE	SMOOTH PLASTER	PLYWOOD	EXTERIOR PLASTER	TILE	ACOUSTIC TILE	SMOOTH PLASTER	PLYWOOD	EXTERIOR PLASTER	DARKENING SOLUTION BLINDS (COLOR: VISUAL)	
BOYS' TOILET	C-101			●					✱			●		✱				✱ SEE GENERAL NOTES ⊕ PLAST. ON R.S.J.'S 1/2" RC.
GIRLS' TOILET	C-102			●					✱			●		✱				✱ SEE GENERAL NOTES ⊕ PLAST. ON C.M.U.'S 1/2" RC.
CUSTODIAN	C-103	●			●				✱					✱				
CLASS ROOM	C-104		●		●			●	●				●				●	
CLASS ROOM	C-105		●		●			●	●				●				●	
CLASS ROOM	C-106		●		●			●	●				●				●	
CLASS ROOM	C-107		●		●			●	●				●				●	
CLASS ROOM	C-108		●		●			●	●				●				●	
TOILET VESTIBULES	C-109	●									●					●		8'-1" RO. FURRED CLG. HT.

DOOR SCHEDULE

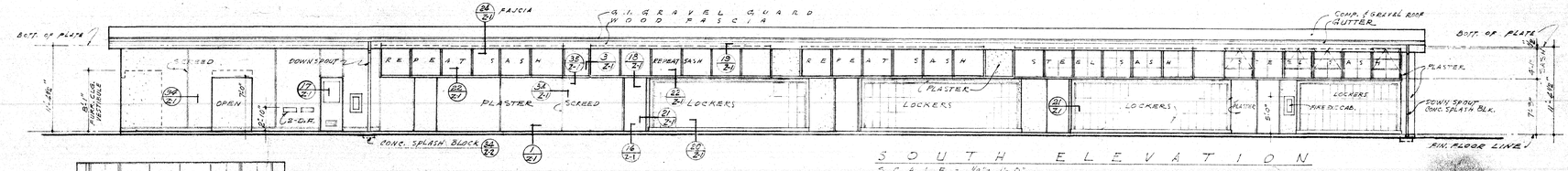
NUMBER	TYPE	DOOR SIZE	MATERIAL	GLASS	REMARKS
D-1	A	3'-0" x 7'-0" x 1 3/4"	WOOD	———	MINERAL CORE
D-2	B	3'-0" x 7'-0" x 1 3/4"	WOOD	OBSCURE WIRE	MINERAL CORE 10"x8" METAL LOUVER.
D-3	C	2'-6" x 7'-0" x 1 3/4"	WOOD	OBSCURE WIRE	MINERAL CORE



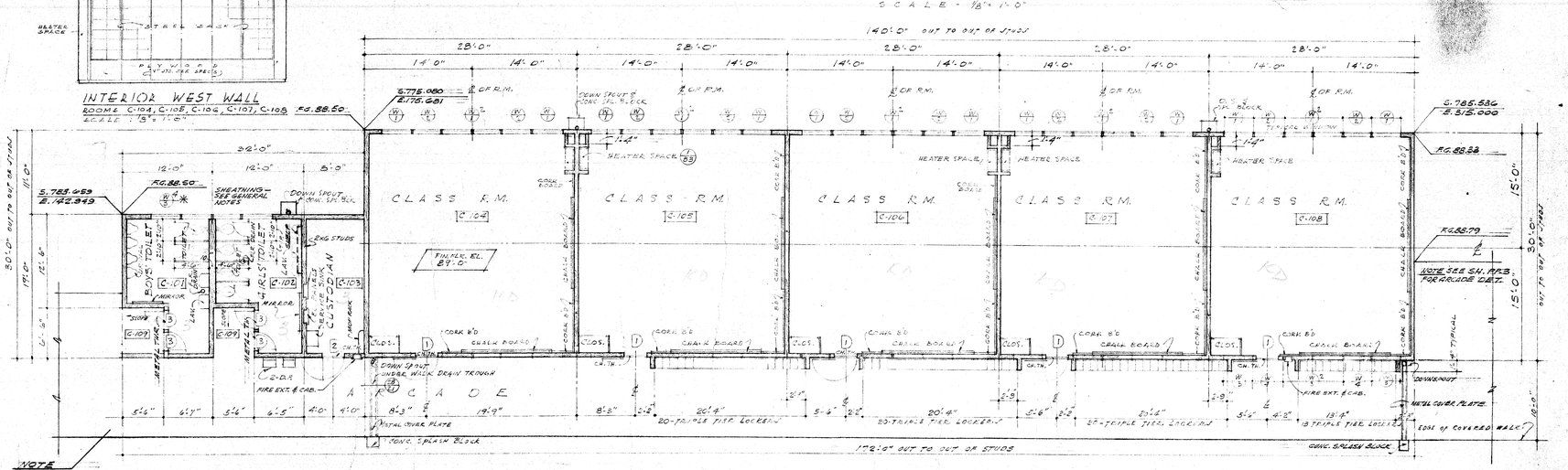
D.C.R. TYPE
SCALE - 1/4" = 1'-0"



WINDOW SCHEDULE
SCALE - 1/4" = 1'-0"



SOUTH ELEVATION
SCALE - 1/8" = 1'-0"



NOTE
SEE SH. A0.3 FOR ARCADE DETAILS.

FLOOR PLAN SCALE 1/8" = 1'-0"

GENERAL NOTES:
SEE SH. S5.2 FOR FINISH GRADES IN THIS AREA.
ALL INTERIOR PARTITIONS 2"x 4" x UNLESS OTHERWISE NOTED.
C.I.S.I. F.C. = C.I.S.I. 5/4" SHEATHING ON WALLS TO AT OF WAINSCOT WHERE FIXTURES OR MIRRORS OCCUR, AND 3/4" STRIPPING ABOVE WAINSCOT. OMIT 3/4" SHEATHING WHERE PLYWOOD SACHA PANEL OCCURS & PROVIDE 1/8" STRIPPING FOR PLASTER.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

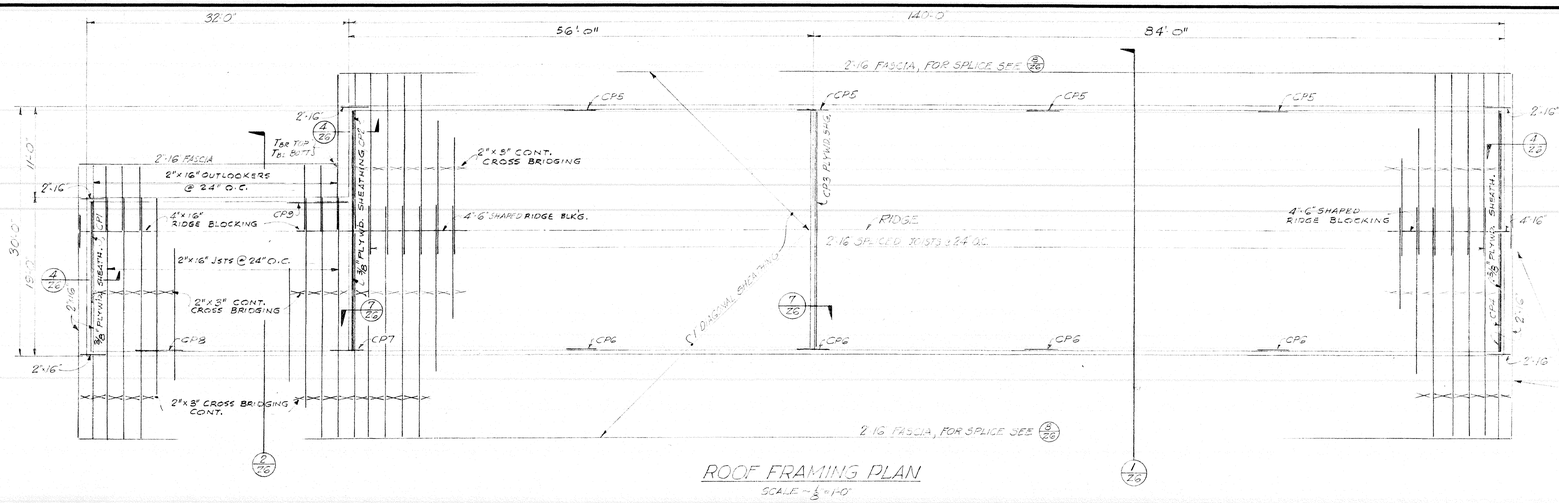
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. — APPROVED — PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

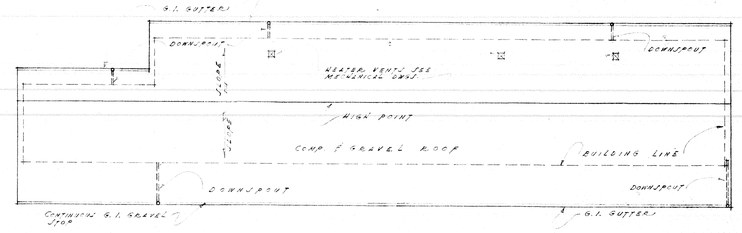
UNIT-C-
FLOOR PLAN - ELEVATION
SECTION & SCHEDULES
DATE PRINTED

JOB 547
SHEET C-1
BD. 20



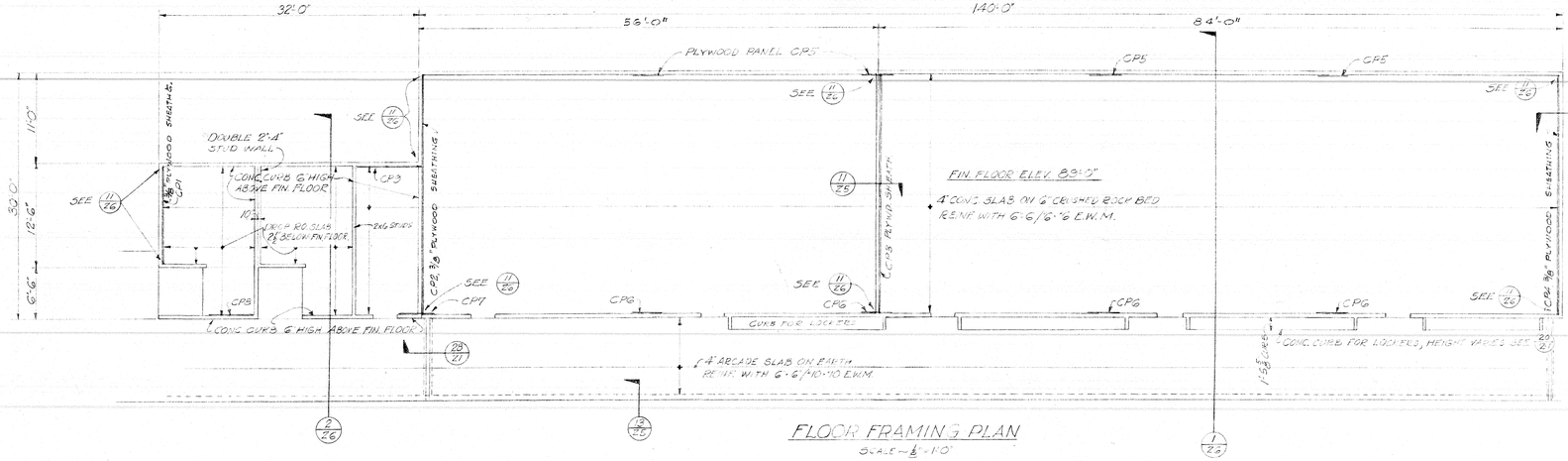
ROOF FRAMING PLAN

SCALE — 1/8"=1'-0"



ROOF PLAN

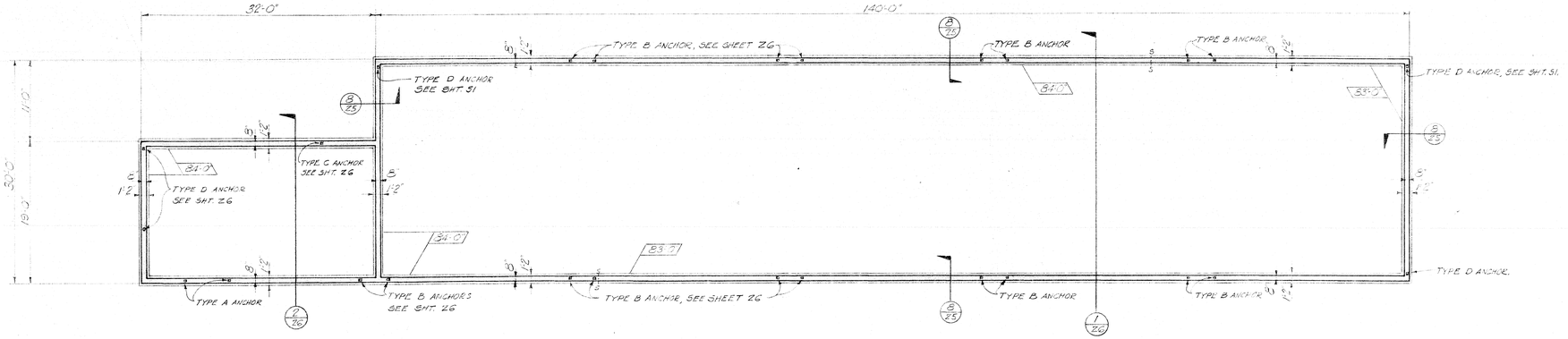
SCALE 1/16"=1'-0"



FLOOR FRAMING PLAN

SCALE — 1/8"=1'0"

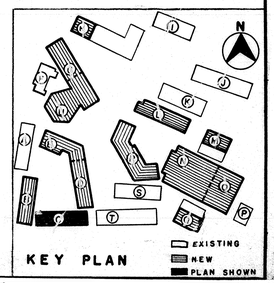
NOTE: ALL EXTERIOR WALLS ARE 2"x6" STUDS @ 16" O.C. UNLESS NOTED.
ALL INTERIOR WALLS AND PARTITIONS ARE 2"x4" STUDS AT 16" O.C. UNLESS NOTED.
SEE SHEET 2G FOR PLYWOOD PANEL SCHEDULE.



FOUNDATION PLAN

SCALE — 1/8"=1'0"

NOTE: SEE PLYWOOD PANEL SCHEDULE, SHEET 2G FOR ANCHORS IN FOUNDATION WALL.
FIGURES IN BOXES 80-0 ARE ELEVATIONS OF BOTTOMS OF FOOTINGS.



KEY PLAN

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

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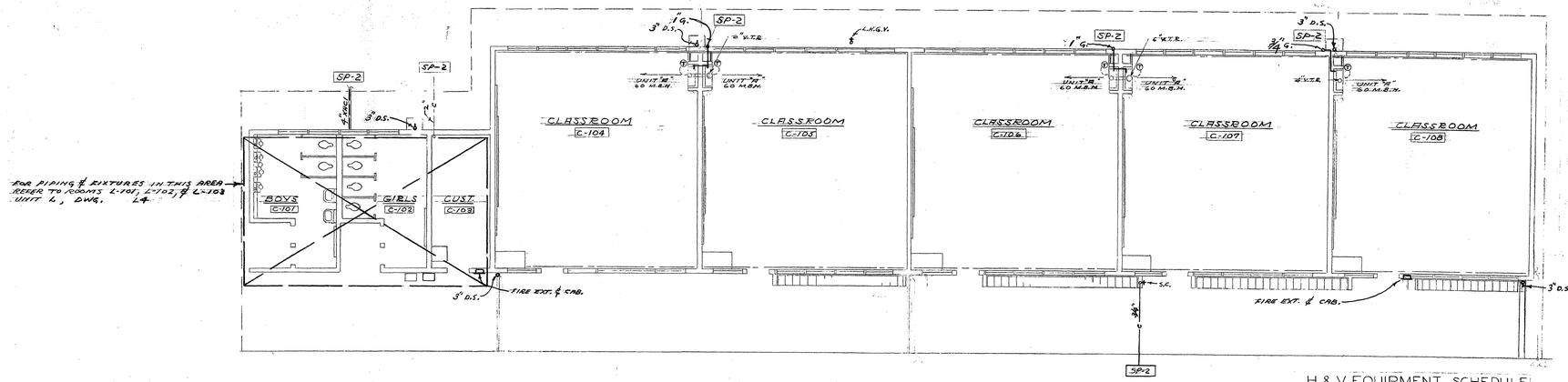
UNIT - C -
FOUNDATION, FRAMING & ROOF PLANS
DATE PRINTED

JOB 547
SHEET C-2
B.O. 21

H&V SYMBOL SCHEDULE

(T)	THERMOSTAT
V.T.R.	VENT THROUGH ROOF



UNIT - "C"
SCALE 1/8" = 1'-0"

PLUMBING NOTES

INSTALL APPROVED SIGN AT BLDG. GAS SHUT-OFF COCK. - SEE PLOT PLAN, DWG. NO. SP-2

FOR SYMBOLS, GEN. NOTES AND ABBREVIATIONS- REFER TO PLOT PLAN, DRAWING NO. SP-2

H. & V. EQUIPMENT SCHEDULE

UNIT "A"	PANEL AIR FORCED RIB WALL HTR. MODEL 60 PA-2. 60,000 BTU. INPUT 2-1/40 H.P. 1/15 H. 60 N MOTORS W/ 2-SPEED CONTROL

REFER TO DWG. T-7 FOR TEMP. CONTROL DIAGRAMS.

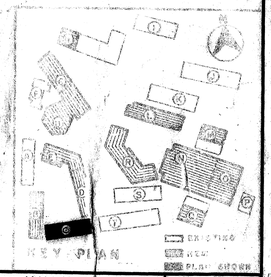
PANEL "C" SCHEDULE

CKT. NO.	POLE	BKR. AMP.	TRIP	WIRE SIZE	W	LG	DESCRIPTION
1	1	15	3		1500		ROOM NO. C-104
▽ 2	1	15	3		1500	"	" C-105
▽ 3	1	15	3		1500	"	" C-104
▽ 4	1	15	3		1500	"	" C-105
▽ 5	1	15	3		1500	"	" C-102
▽ 6	1	15	3		1500	"	" C-105
▽ 7	1	15	3		1500	"	" C-106
▽ 8	1	15	3		1500	"	" C-107
▽ 9	1	15	3		1500	"	" C-106
▽ 10	1	15	3		1500	"	" C-107
▽ 11	1	15	3		1500	"	" C-106
▽ 12	1	15	3		1500	"	" C-107
▽ 13	1	15	3		1000	"	" C-108
14	1	15	5		550	"	" C-101, 102, 103 VEST.
▽ 15	1	15	3		1000	"	" C-108
16	1	15	7		700	"	" ARCADE
▽ 17	1	15	3		1000	"	" C-108
18	1	15	9		1800		FLOOD LIGHTS - PARKING LOT
19	1	20		3	600		ROOM NO. C-107, 108
20	1	20		3-J BOX	600	"	" C-106, 107, 108 (HTR'S)
21	1	20		3	600	"	" C-106, 107
22	1	20		1 2-J BOX	600	"	" C-104, 105 (HTR'S)
23	1	20		3	600	"	" C-104, 105
24	2	20		1	500	"	" C-106 WITH CKT. #26
25	1	15		RR	100		POWER PACK
26	2	-			200		2-POLES WITH CKT. # 24
27	1	15	3		450		FLOOD LTS.
28	1	15					SPARE
29	1	15				"	"
30	1	15				"	"
TOTAL WATTS					20,700		90 A. 3Ø 3WR. 2½" C. 4 #2/0

AS BUILT

THIS SYMBOL ▽ INDICATES LOW VOLTAGE RELAY

PROVIDE LOW VOLTAGE POWER PACK IN THIS PANEL



EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2964
3727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
NOrmandy 4-4288
Edw. C. Sylvanus

LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Balch, Bryan, Perkins & Hutchason
ENGINEER Edw. C. Sylvanus

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
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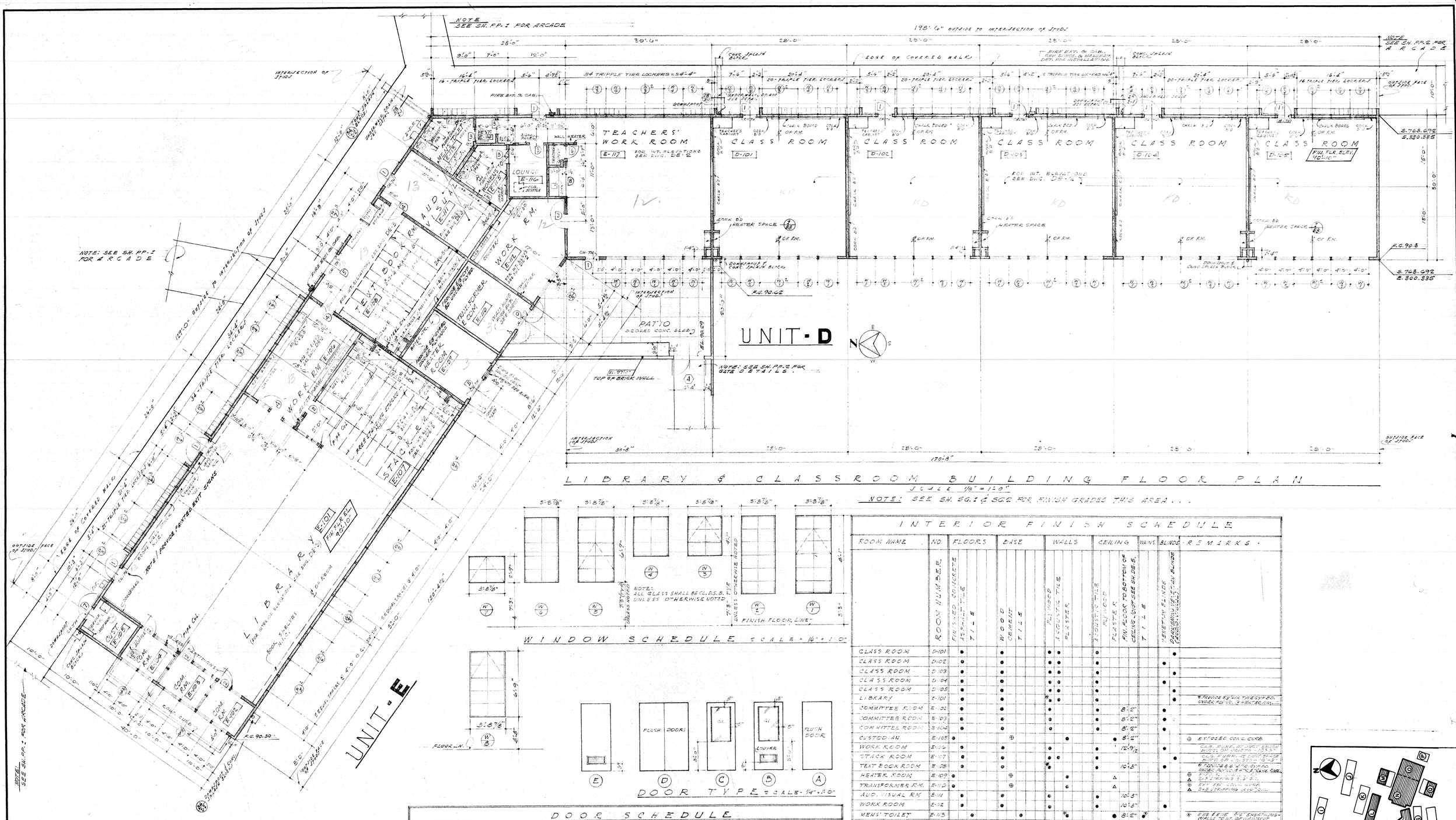
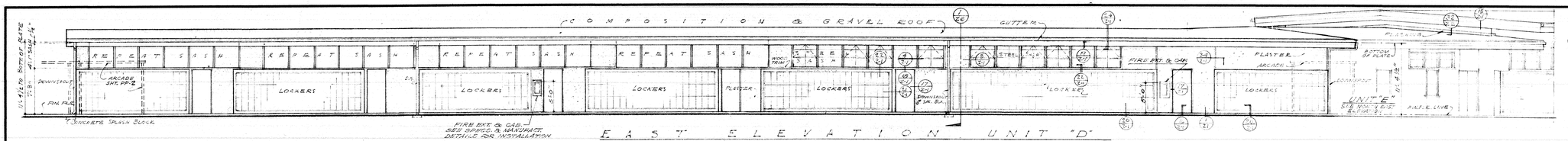
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

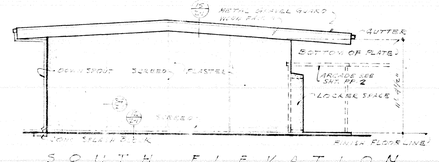
UNIT-C
HEATING, VENTILATING PLUMBING & ELECTRICAL
DATE PRINTED

JOB 547
SHEET C-3
B-O. 22

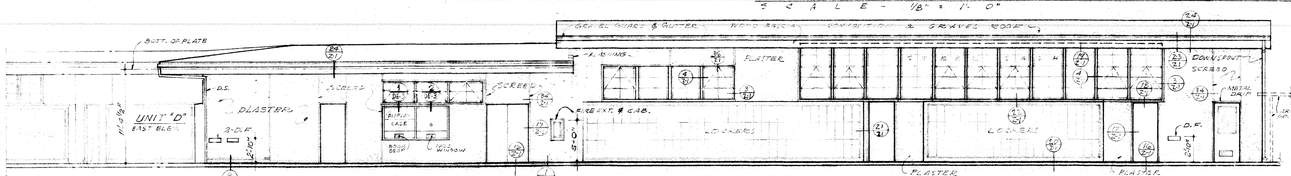

UNIT-D
UNIT-E
TEACHERS' WORK ROOM
CLASS ROOM
LIBRARY
AUDIO VISUAL RM.
TEXT BOOK RM.
WORK RM.
TELESCREEN RM.
STACK RM.
HEATER ROOM
PATIO
LOUNGE
COM. RM.
CUST.
LAUNDRY
198'-6" OUTSIDE TO INTERSECTION OF STUDS
170'-8"
NOTE SEE SH. PP-1 FOR ARCADE
NOTE SEE SH. PP-2 FOR ARCADE
EDGE OF COVERED WALK
INTERSECTION OF STUDS
OUTSIDE FACE OF STUDS
TOP OF BRICK WALL
NOTE: SEE SH. PP-2 FOR GATE DETAILS.
NOTE: SEE SH. PP-1 FOR ARCADE
NOTE: SEE SH. PP-2 FOR ARCADE
FIRE EXT. & CAB.
CONC. SPLASH BLOCK
DOWNSPOUT
FOR INT. ELEVATIONS SEE DWG. DE-2
FOR INT. ELEVATIONS SEE DWG. DE-4
F.H. FLR. ELEV. 90'-10"
F.G. 90.62
F.G. 90.98
F.G. 90.29
F.G. 90.30
S. 768.670 E. 530.385
S. 768.692 E. 800.395
34'-TRIPLE TIER LOCKERS
20'-TRIPLE TIER LOCKERS
16'-TRIPLE TIER LOCKERS
CHALK BOARD
TEACHER'S CABINET
WORK BD.
HEATER SPACE
CH. BD.
CORK BD.
FIRE EXT. & CAB. SEE SHEET 2 FOR INSTALLATION DETAILS
SEE SHEET 2 FOR INSTALLATION DETAILS
SEE SHEET 2 FOR INSTALLATION DETAILS



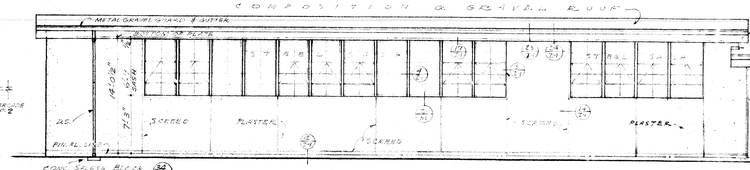
EAST ELEVATION UNIT "D"
SCALE - 1/8" = 1'-0"



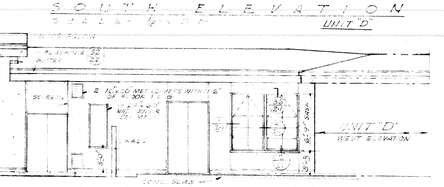
SOUTH ELEVATION
UNIT D

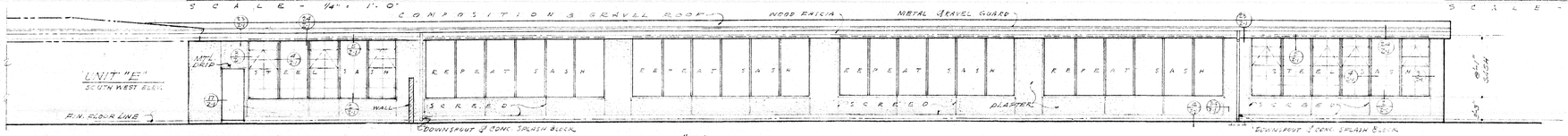


NORTH EAST ELEVATION UNIT "E"
SCALE - 1/4" = 1'-0"



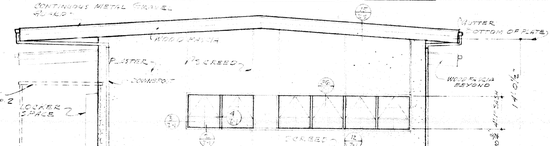
SOUTH WEST ELEVATION UNIT "E"
SCALE - 1/8" = 1'-0"





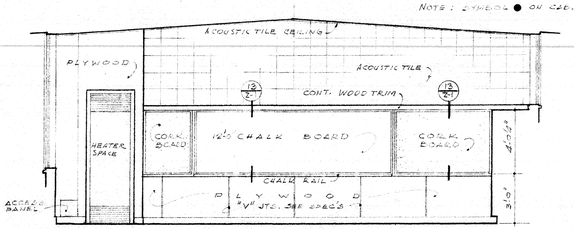
WEST ELEVATION UNIT "D"
SCALE - 1/8" = 1'-0"

EXTERIOR ELEVATIONS UNITS "D" & "E"

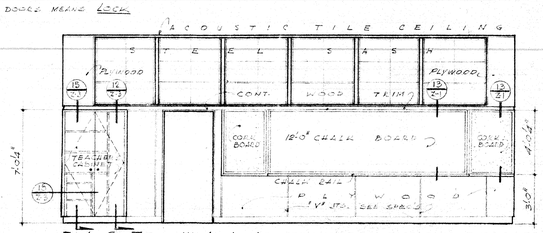


SOUTH WEST ELEVATION
SCALE - 1/8" = 1'-0"
UNIT "E"

NOTE: SYMBOL ● ON SCH. DOOR MEANS LOCK

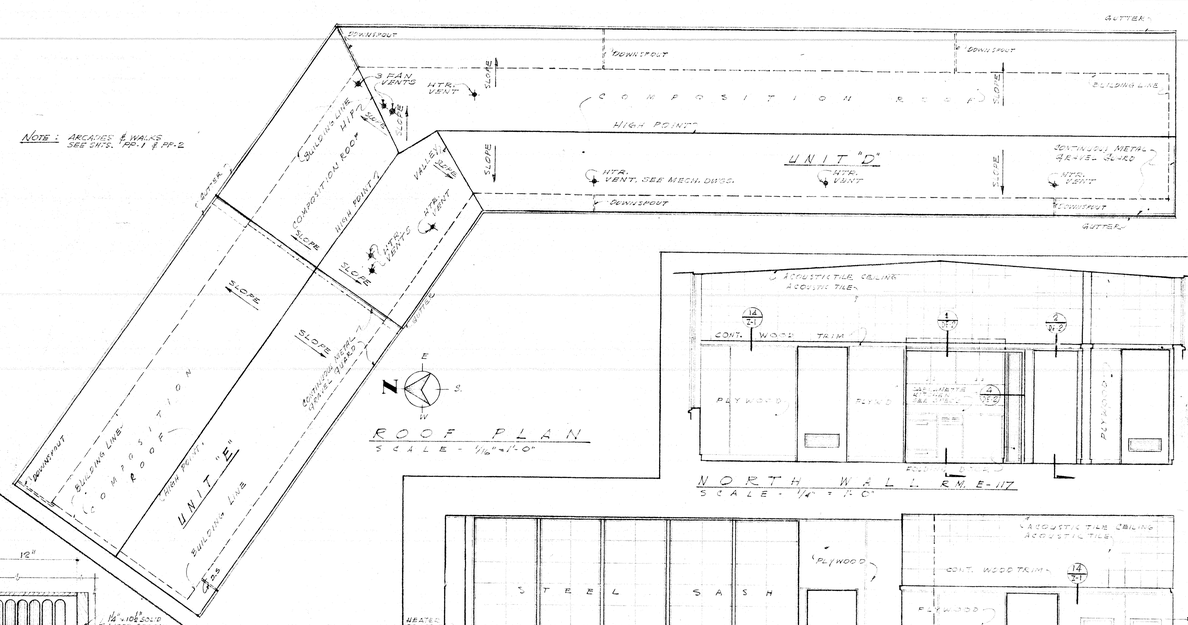


NORTH WALL ROOMS D-101, D-103, D-105.
SCALE - 1/4" = 1'-0"

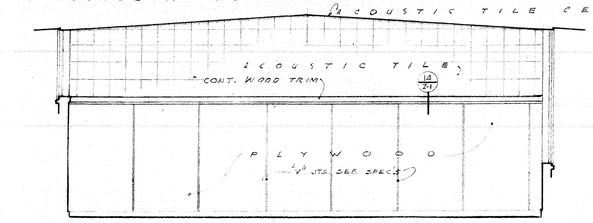


EAST WALL ROOMS D-101, D-102, D-103, D-104, D-105
SCALE - 1/4" = 1'-0"

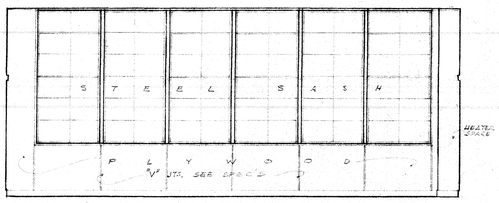
NOTE: ARCADES & WALKS SEE SHTS. NO. 1 & PP-2



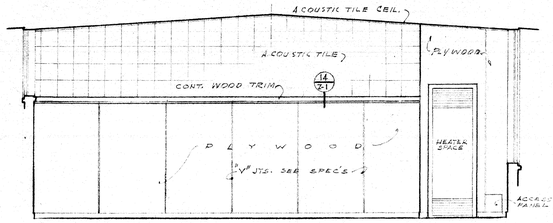
ROOF PLAN
SCALE - 1/16" = 1'-0"



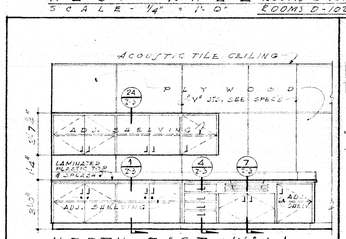
SOUTH WALL ROOMS - D-101, D-103 - D-105
SCALE - 1/4" = 1'-0"



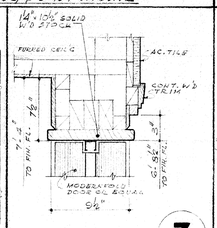
WEST WALL ROOMS D-101, D-103, D-105
ROOMS D-102, & D-104 OPPOSITE
SCALE - 1/4" = 1'-0"



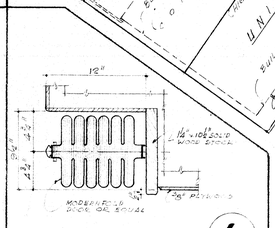
SOUTH WALL ROOMS - E-117, D-102, D-104
SCALE - 1/4" = 1'-0"



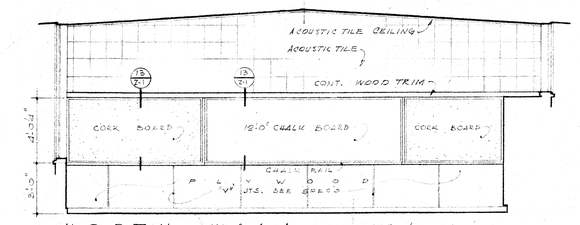
NORTH EAST WALL
SCALE - 1/4" = 1'-0"



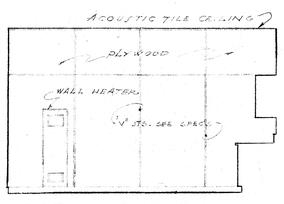
SECTION 3
SCALE: 1½" = 1'-0"



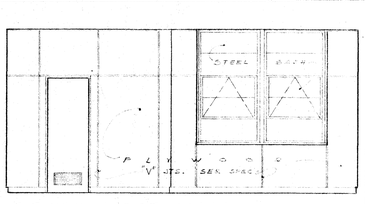
SECTION 4
SCALE: 1½" = 1'-0"



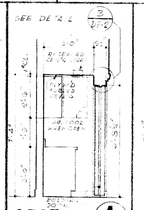
NORTH WALL ROOM D-102 & D-104
SCALE - 1/4" = 1'-0"
UNIT "D" INTERIOR ELEV.



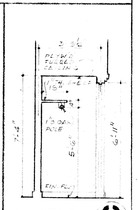
NORTH WEST WALL
WORK ROOM E-112



SOUTH WEST WALL
SCALE - 1/4" = 1'-0"



SECTION 1
SCALE 1½" = 1'-0"

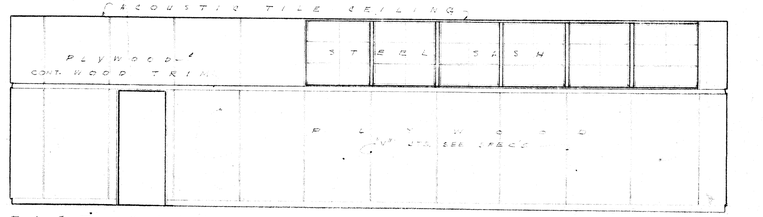


SECTION 2
SCALE 1½" = 1'-0"

NORTH WALL RM. E-117
SCALE - 1/4" = 1'-0"

WEST WALL RM. E-117
SCALE - 1/4" = 1'-0"

PASSAGE



EAST WALL RM. E-117
SCALE - 1/4" = 1'-0"

TEACHERS' WORK ROOM
INTERIOR ELEVATIONS

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

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APPLICATION NO. | APPROVED
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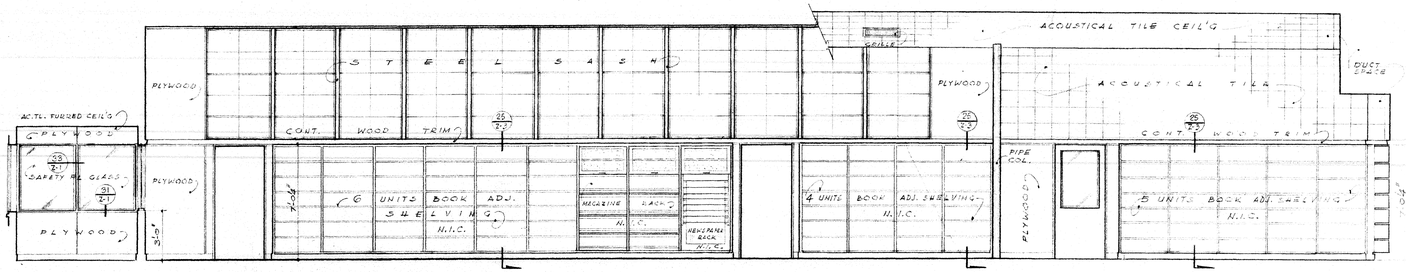
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNIT-DE-
ROOF PLAN - INTERIOR & EXTERIOR ELEVATIONS

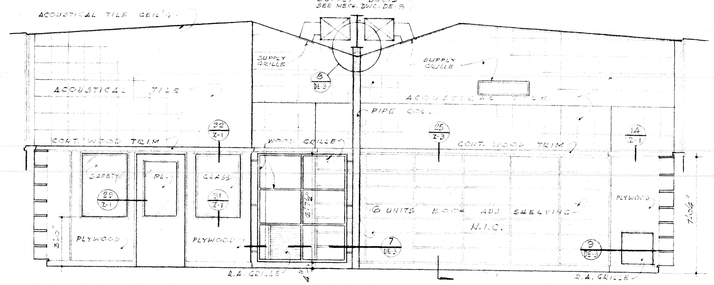
DATE PRINTED

JOB 547
SHEET DE-2
BO. 24



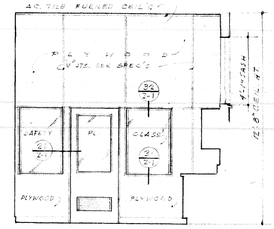
NORTH EAST WALL OF ROOMS E-103, E-101, E-107

SCALE - 1/4" = 1'-0"



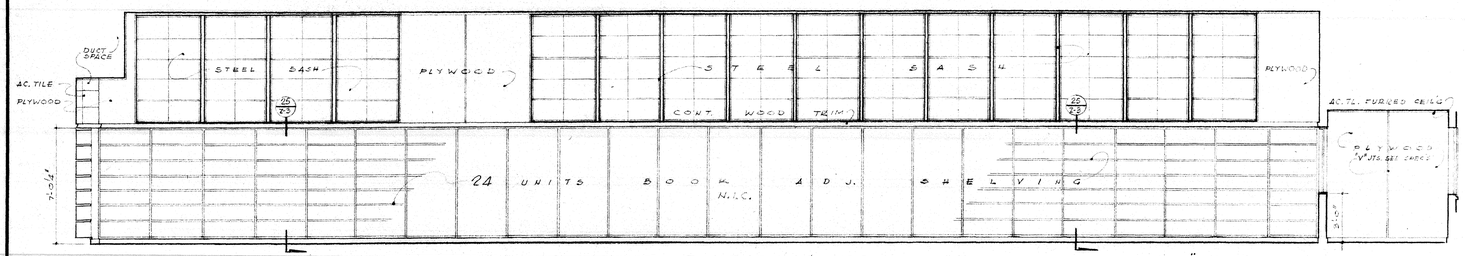
SOUTH EAST WALL ROOM E-101, E-107

SCALE - 1/4" = 1'-0"



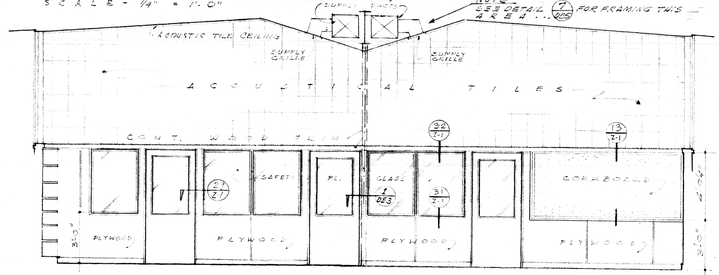
NORTH WEST WALL

SCALE - 1/4" = 1'-0" RM. E-106



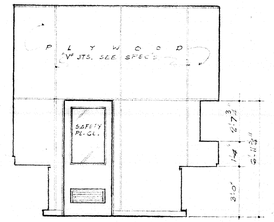
SOUTH WEST WALL OF ROOMS, E-107, E-101, & E-102

SCALE - 1/4" = 1'-0"



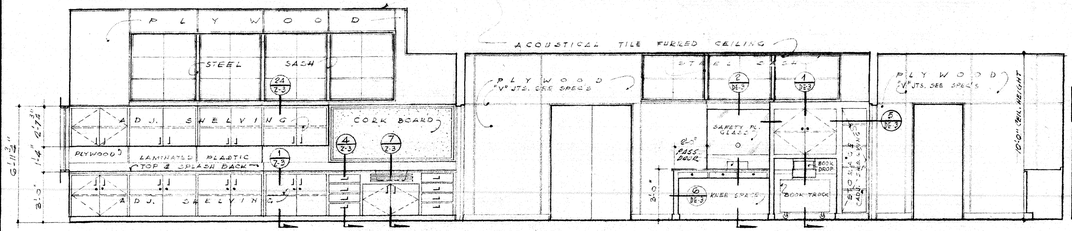
NORTH WEST WALL RM 101

SCALE - 1/4" = 1'-0"



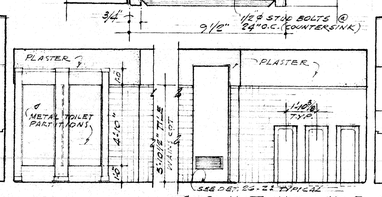
SOUTH EAST WALL

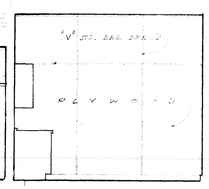
SCALE - 1/4" = 1'-0" RM. E-106



NORTH EAST WALL OF ROOMS E-106, E-108, E-111, E-113

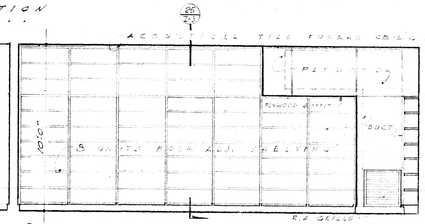
SCALE - 1/4" = 1'-0"

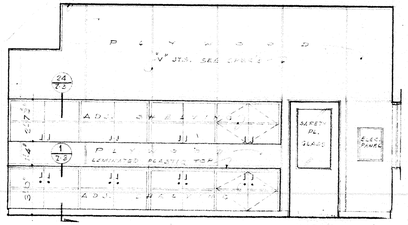


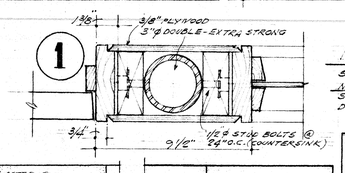


SOUTH WEST WALL OF ROOMS, E113, E-111, E-108 & E-106

SCALE 1/4" = 1'-0"





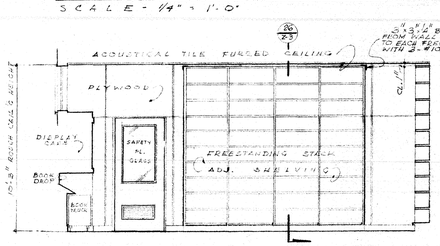


MULLION AT RM. E-103

SCALE 3" = 1'-0"

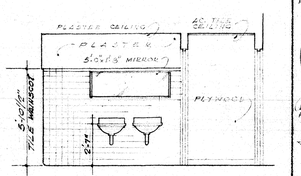
NOTE: SEE SH. E-1 FOR PARTITION DETAILS.

NOTE: SYMBOL ● INDICATES LOCK.



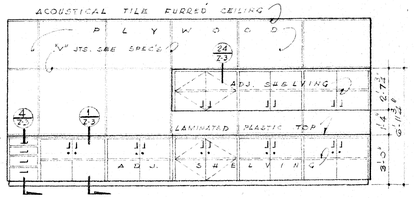
SOUTH - EAST WALL RM. E-108

SCALE: 1/2" = 1'-0"



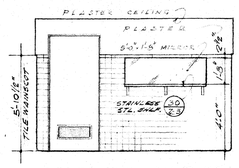
EAST - WALL RMS. E-113 & E-114

SCALE: 1/2" = 1'-0"



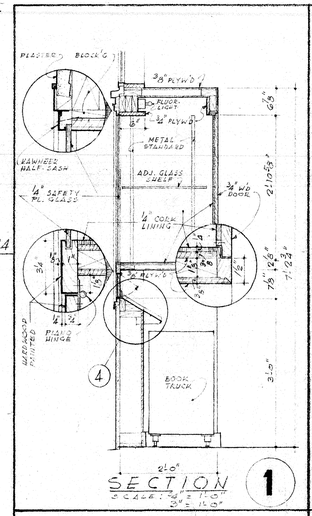
SOUTH - EAST WALL RM. E-111

SCALE: 1/4" = 1'-0"



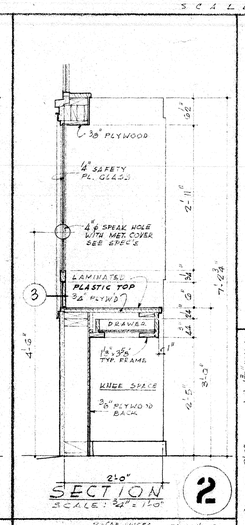
SOUTH - WALL RM. E-115

SCALE: 1/4" = 1'-0"



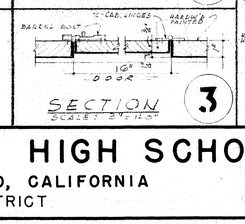
SECTION 1

SCALE: 3/4" = 1'-0"

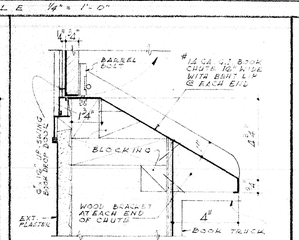


SECTION 2

SCALE: 3/4" = 1'-0"

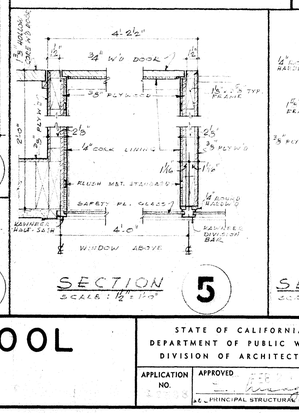


SECTION 3



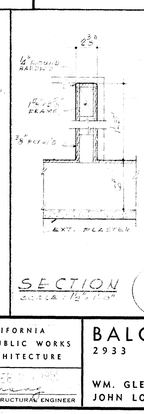
SECTION 4

SCALE: 2" = 1'-0"



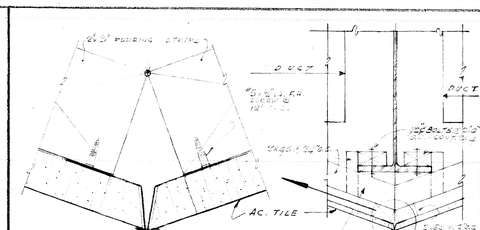
SECTION 5

SCALE: 1/2" = 1'-0"



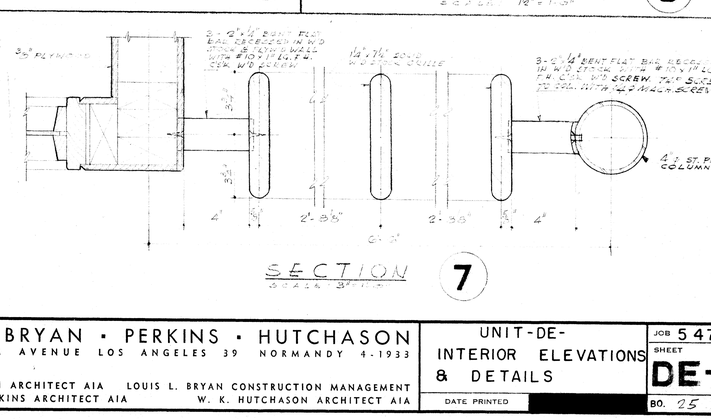
SECTION 6

SCALE: 1/2" = 1'-0"



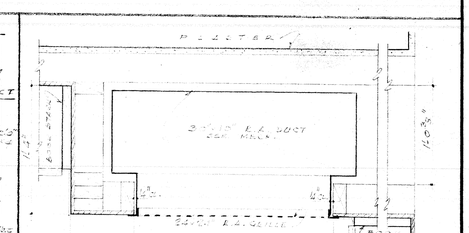
SECTION 8

SCALE: FULL SIZE



SECTION 7

SCALE 3/4" = 1'-0"



SECTION 9

SCALE: 1/4" = 1'-0"

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. | APPROVED

DSA PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNIT-DE-
INTERIOR ELEVATIONS & DETAILS

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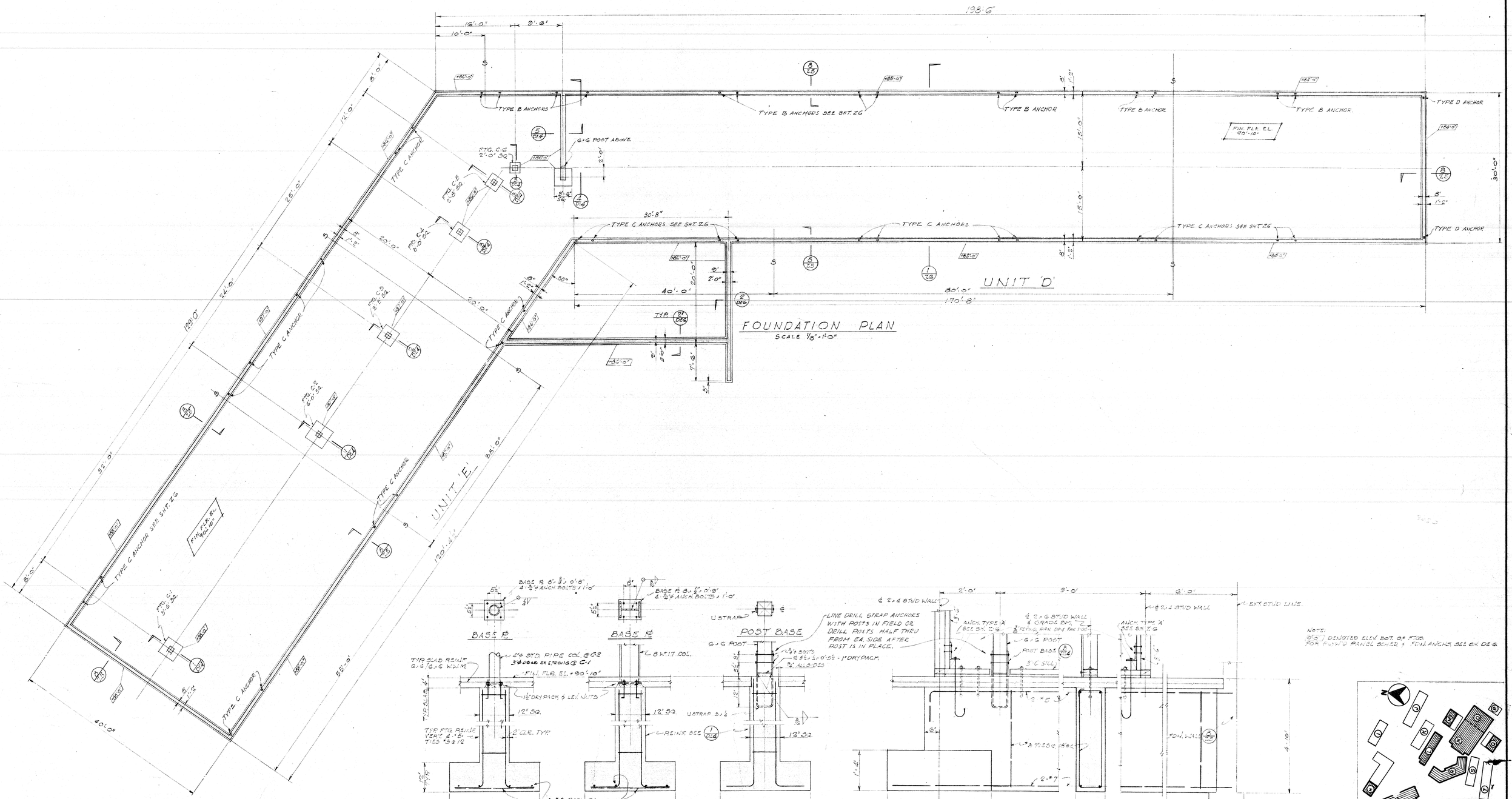
SHEET DE-3
BO. 25



EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NO HARD 3-9218

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. | APPROVED

J.C. PRINCIPAL STRUCTURAL ENGINEER

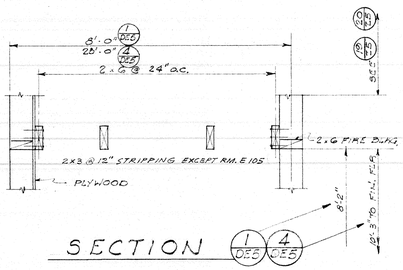
BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

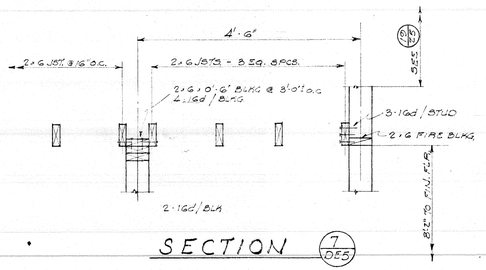
UNITS-D & E-
FOUNDATION PLAN
& DETAILS

DATE PRINTED

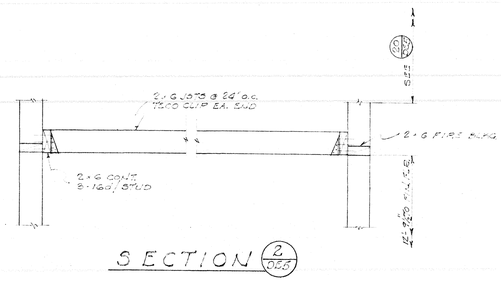
JOB 547
SHEET DE-4
B.O. 26



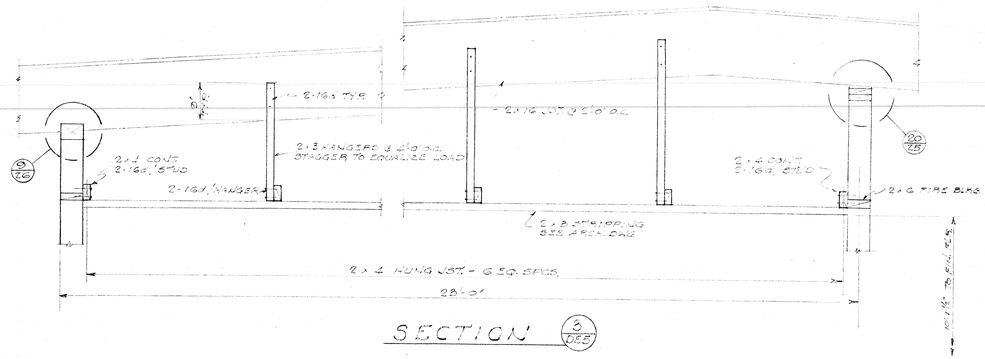
SECTION 1/DE5 4/DE5



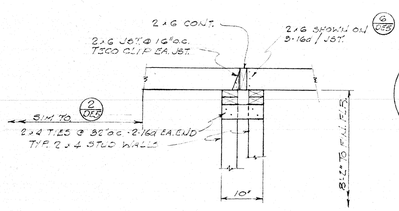
SECTION 7/DE5

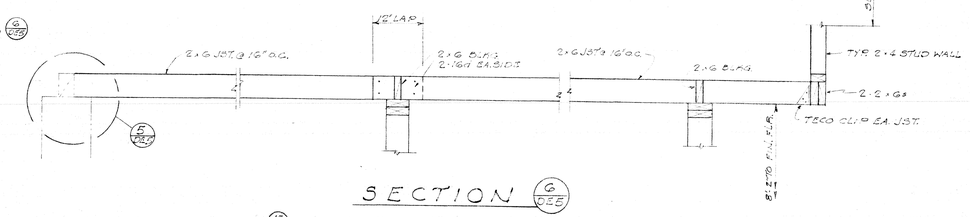


SECTION 2/DE5

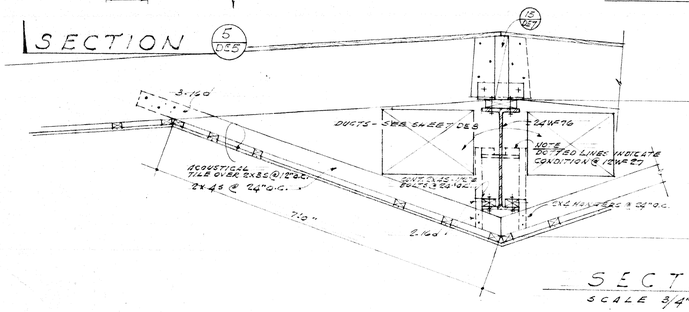


SECTION 3/DE5





SECTION 6/DE5



SECTION 5/DE5

SECTION 7/DE5

SCALE 3/4" = 1'-0"

NOTE:
ALL WALLS & PARTITIONS SHOWN ARE TYP. 2 x 6 UNLESS OTHERWISE SHOWN.

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Wm. Glenn Balch	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO.	APPROVED
	PRINCIPAL STRUCTURAL ENGINEER

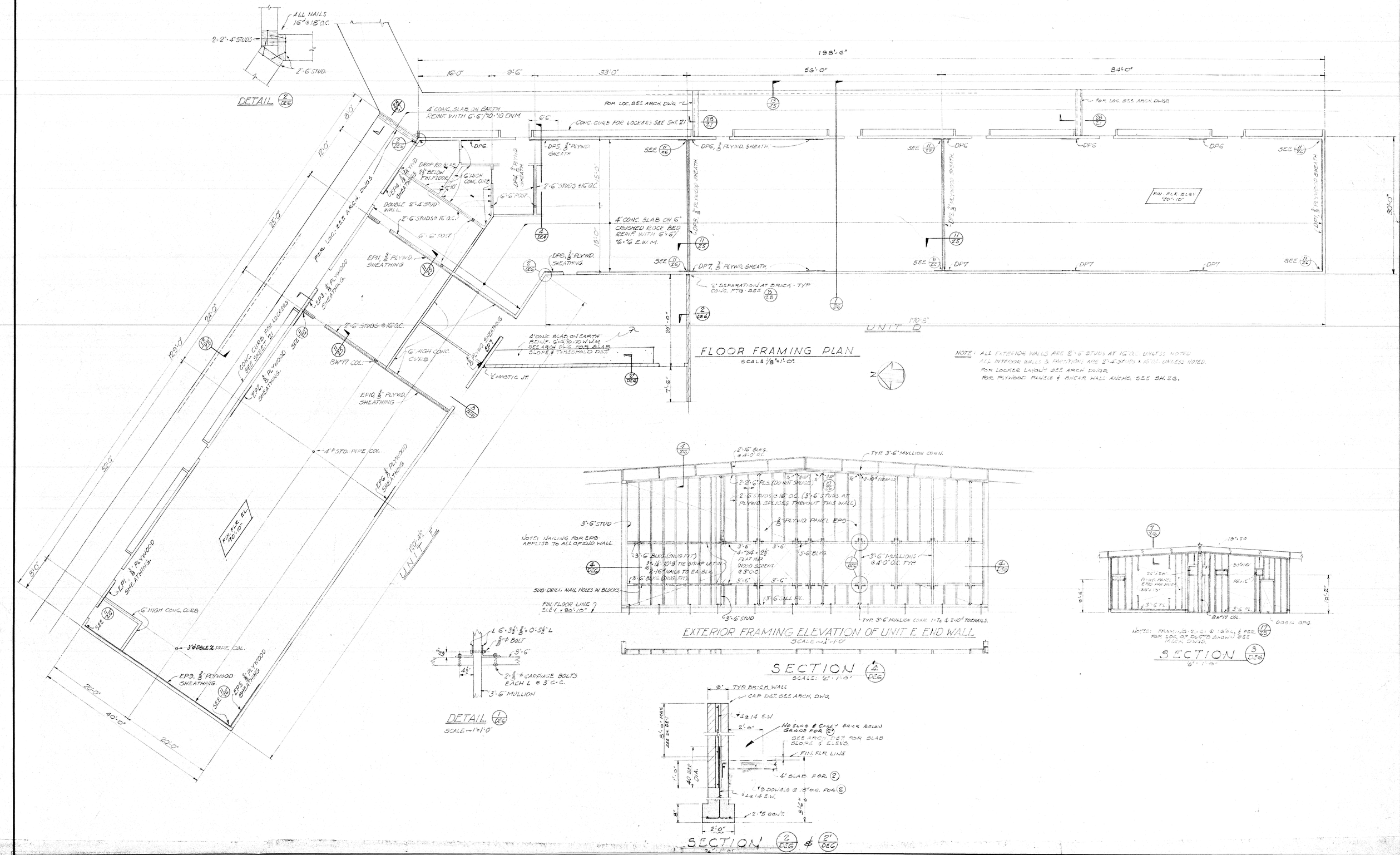
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNITS-D&E-
CEILING, FRAMING PLANS & DETAILS

DATE PRINTED

JOB 547
SHEET DE-5
B.O. 27



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LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Balch Bryan Perkins Hutchason	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. — APPROVED — PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNITS - D&E - FLOOR FRAMING PLAN & DETAILS

DATE PRINTED

JOB 547
SHEET DE-6
B.O. 28

DETAIL (6/DE7)

DETAIL (7/DE7)

DETAIL (8/DE7)

DETAIL (9/DE7)

DETAIL (10/DE7)

DETAIL (11/DE7)

DETAIL (12/DE7)

UNIT 'D'

ROOF FRAMING PLAN
SCALE 1/8"=1'-0"

SECTIONS (15/DE7) (16/DE7) (17/DE7)

SECTION (16/DE7)

SECTION AS SHOWN (4/DE7) (19/DE7)

SECTION OPP HAND (20/DE7)

SECTION (4/DE7)

SECTION (1/DE7)

SECTION (2/DE7)

SECTION (3/DE7)

SECTION (24/DE7)

SECTION (5/DE7)

SECTION (22/DE7)

DEVELOPED SECTION (23/DE7) (SEE (6/DE7))

C.J. & P. DETAIL (13/DE7)

NOTE: STEAP ANCHORS SHALL BE CLAMPED IN PLACE, AND ASSEMBLY LINE DRILLED OR POST MAY BE DRILLED HALF WAY THRU FROM EA. SIDE.

SCALE: 3/4"=1'-0" OR AS NOTED

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
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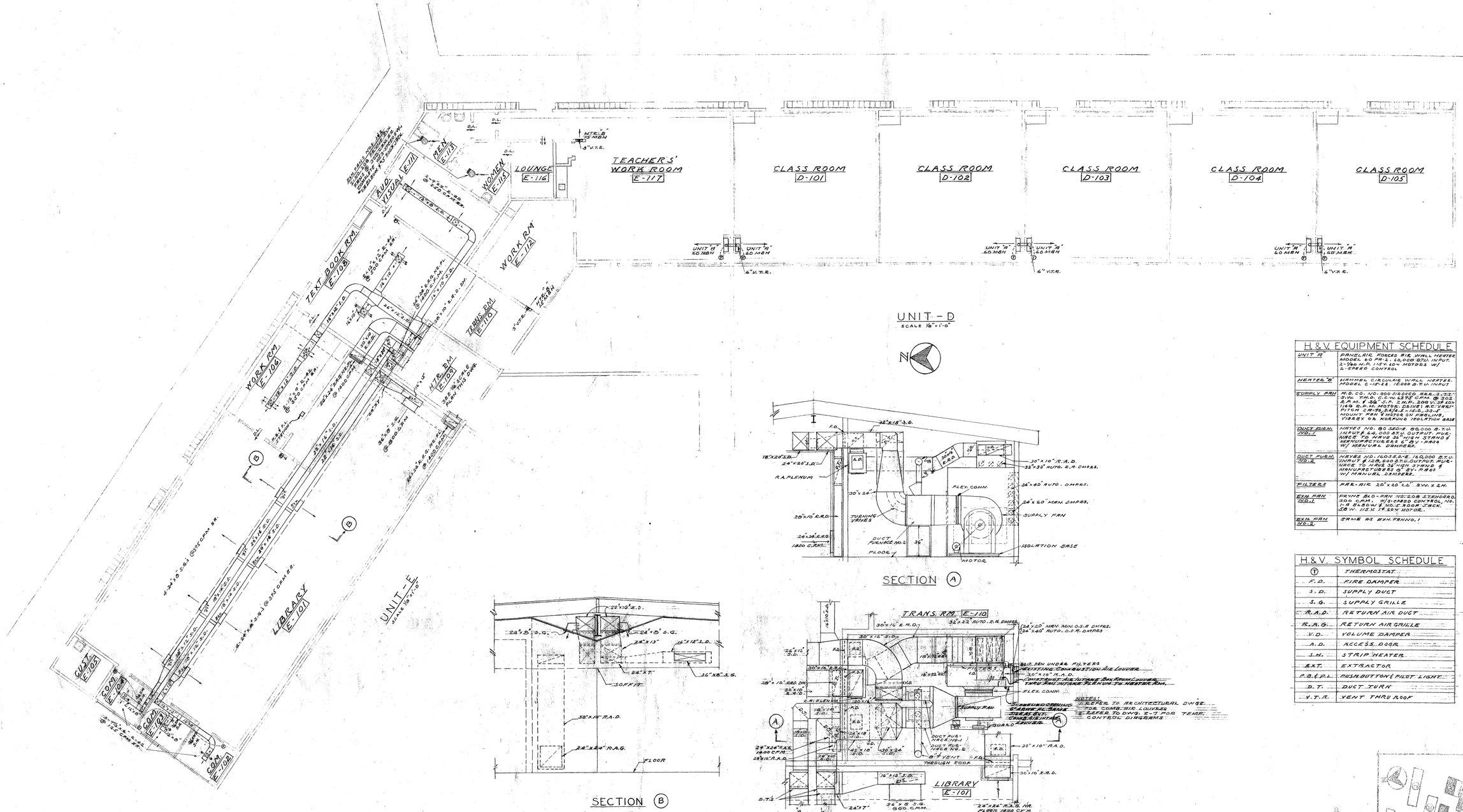
UNITS - D&E-
ROOF FRAMING PLAN & DETAILS
DATE PRINTED

JOB 547
SHEET DE-7
B.O. 29



SECTION (A)

SECTION (B)
SCALE 1/2"=1'-0"

PLAN

HEATER ROOM E-109
SCALE 1/4"=1'-0"

UNIT - D
SCALE 1/8"=1'-0"

H. & V. EQUIPMENT SCHEDULE

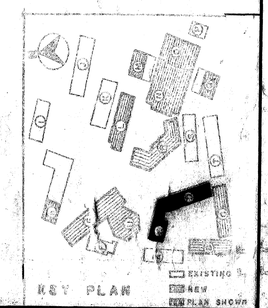
UNIT A	PANELAIRE FORCED AIR WALL HEATER MODEL 60 PR-2, 60,000 BTU. INPUT. 2-1/40 H.P. 115 V. 60 CY. MOTORS W/ 2-SPEED CONTROL
HEATER "B"	HERMMEL CIRCULAIR WALL HEATER MODEL C-12-EE, 12,000 B.T.U. INPUT
SUPPLY FAN	H.S. CO. NO. 300-S/AGCCD, SWSI, 3,375 CFM. @ 2.0" S.P. W/ 3/4 H.P., 2 H.P., 208 V. 3Ø 60 CY. 1140 R.P.M. MOTOR; DRIVE: 1 A/C V-BELT PITCH DIA. 9.4" & 5.4", 1 BX-120, 33-5 MOUNT FAN & MOTOR ON FABRIPAK VIBREX OIL KORFUND ISOLATION BASE
DUCT FURN. NO. 1	HAYES NO. 80-360-E 80,000 B.T.U. INPUT & 64,000 B.T.U. OUTPUT. MOD. NIBCO TO HAVE 36" HIGH STAND & MANUFACTURERS G.T. BY-PASS W/ MANUAL DAMPERS.
DUCT FURN. NO. 2	HAYES NO. 160-3-E-E 160,000 B.T.U. INPUT & 128,000 B.T.U. OUTPUT. MODIFIED TO HAVE 36" HIGH STAND & MANUFACTURERS G. BY-PASS W/ MANUAL DAMPERS.
FILTERS	AIR-RITE 20"x20"x2" 3 W. x 2 H.
EXH. FAN NO. 1	PAYNE BLO-PAK NO. 208 STANDARD, 300 CAM., W/3-SPEED CONTROL, NO. 1-A ELBOW & NO. 2 ROOF CAP. 1/3 H.P., 115 V. 1 PH. 60 CY. MOTOR.
EXH. FAN NO. 2	SAME AS EXH. FAN NO. 1

H. & V. SYMBOL SCHEDULE

(T)	THERMOSTAT
F.D.	FIRE DAMPER
S.D.	SUPPLY DUCT
S.G.	SUPPLY GRILLE
R.A.D.	RETURN AIR DUCT
R.A.G.	RETURN AIR GRILLE
V.D.	VOLUME DAMPER
A.D.	ACCESS DOOR
S.H.	STRIP HEATER
EXT.	EXTRACTOR
P.B.& P.L.	PUSH BUTTON & PILOT LIGHT
D.T.	DUCT TURN
V.T.R.	VENT THRU ROOF

NOTE:
PROVIDE AND INSTALL FIRE DAMPERS WHERE REQUIRED

AS BUILT
DWGS. REVISED 1-13-'57



KEY PLAN

LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

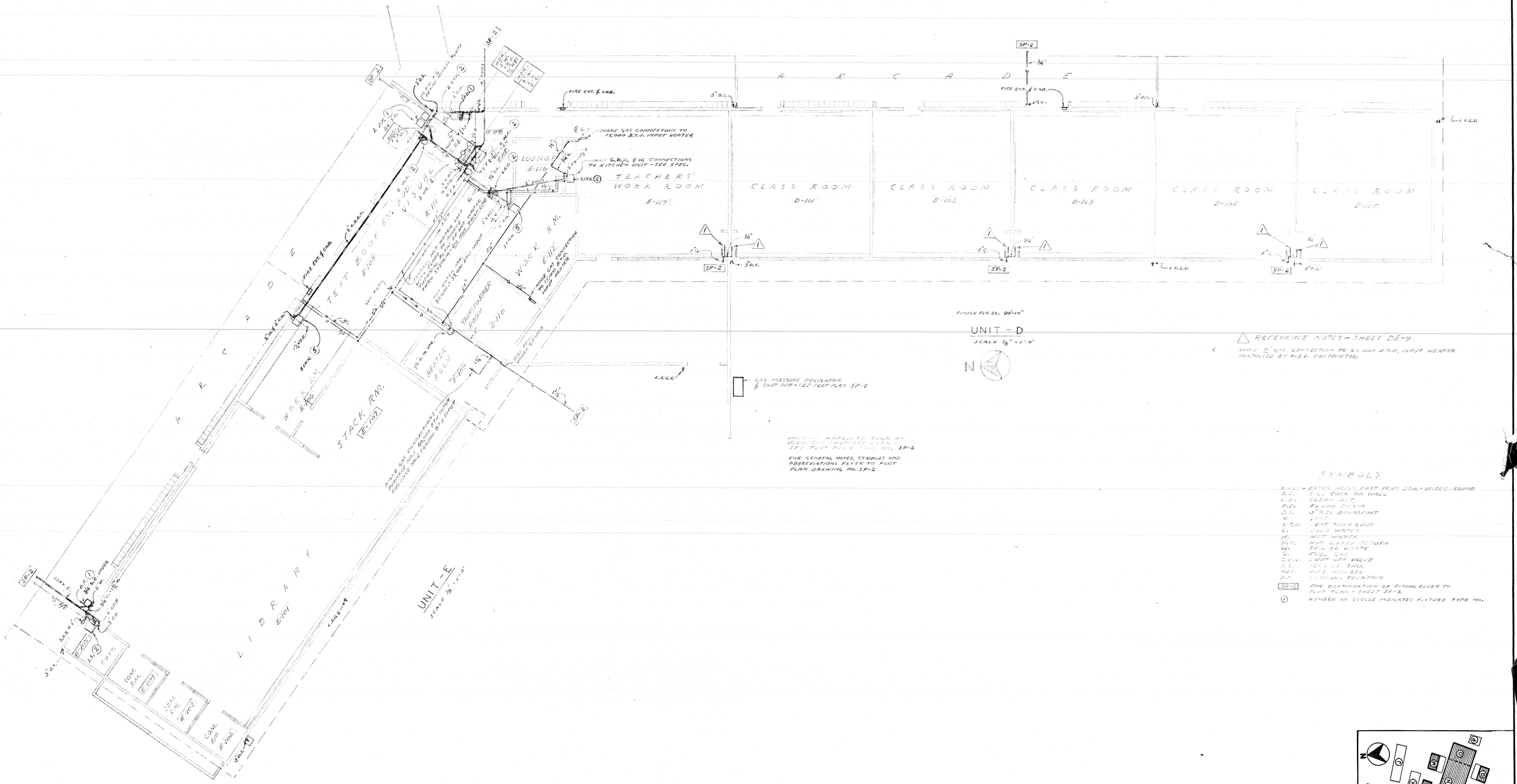
ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12533
APPROVED FEB 24 1955
DPW PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA | LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA | W. K. HUTCHASON ARCHITECT AIA

UNITS-D&E-
HEATING & VENTILATING
DATE PRINTED
JOB 547
SHEET DE-8
B. O. 30



INITIAL APPROVED SIGN AT OUTLET, SHUT OFF VALVE SEE PLOT PLAN DRAWING NO. SP-2

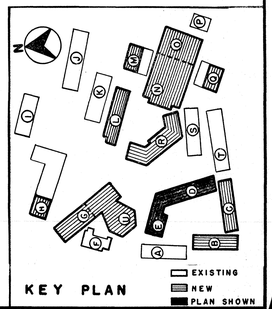
FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS REFER TO PLOT PLAN DRAWING NO. SP-2

REFERENCE NOTES - SHEET DE-9

1. MAKE 3/4" GAS CONNECTION TO 62,000 B.T.U. INPUT HEATER INSTALLED BY M.E.V. CONTRACTOR.

SYMBOLS

- X.C.I. - EXTRA HEAVY CAST IRON SOIL - UNDERGROUND
- S.C. STILL COCK ON WALL
- C.O. CLEANY OUT
- F.D. FLOOR DRAIN
- D.S. 3" SIZE DOWNSPOUT
- V. VENT
- V.T.R. VENT THRU ROOF
- C. COLD WATER
- H. HOT WATER
- H.R. HOT WATER RETURN
- W. SOIL OR WASTE
- G. FUEL GAS
- G.C.V. GAUT OFF VALVE
- S.S. SERVICE SINK
- H.E. FLUE HEATERS
- D.F. DRINKING FOUNTAIN
- SP-2 FOR CONTINUATION OF PIPING REFER TO PLOT PLAN - SHEET SP-2
- (1) NUMBER IN CIRCLE INDICATES FIXTURE TYPE NO.



LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
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ARCHITECT
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ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
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APPLICATION NO. — APPROVED
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BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
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JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNITS-D&E-
PLUMBING PLAN

DATE PRINTED

JOB 547
SHEET DE 9
B.O. 31

NOTE:
3/4"x1"x8" C.B. FIXTURE BRACKETS BY ELEC. CONTRACTOR. PAINT TO MATCH ROOM, COLOR TO BE SELECTED BY ARCHITECT.

TRACK LT. FIXTURE

OUTLET BOXES

STACKS

STACKS

STACKS

E-TICKER 10,000 SERIES

CONDUIT EXPOSED

CONDUIT TO SWITCH

SECTION - "AA"

SCALE 1/8"=1'-0"

NOTE:
ALL CABINETS MAY BE CONTAINED WITH BARRIERS.

3-150W. FLOOD LTS. MOUNT ON 1½" CONDUIT STEM 12" ABOVE ROOF.

TO EXIST'G BELL TEL. SYSTEM SPLICE BOX

1½"C. TO SIG. PA & SIG. CAB.

1"C. 13 #18

COVERED WALK

8 @ 20'-0" = 160'

PANEL "D"

SIG., P.A. & SIG. CAB.

TO SIG. TERM. CAB.

1"C. TO UNIT 'C'

1"C. 7 #18

1"C. 8 #14

1"C. 4 #14

1½"C. 4 #14

1½"C. 7 #18

1½"C. 13 #18

TEACHER'S WORK ROOM E-117

CLASSROOM D-101

CLASSROOM D-102

CLASSROOM D-103

CLASSROOM D-104

CLASSROOM D-105

9'-'A'-500W

3/4"C.O.

1/2"C.O.

J' BOXES UP 7'-6"

+5'-0"

3-150W. FLOOD LTS. MOUNT ON 1½" CONDUIT STEM 12" ABOVE ROOF.

UNIT "D"

SCALE 1/8"=1'-0"

SEE TRANSFORMER ROOM DETAILS ON THIS SHEET

1½"C. P.A. TO UNIT 'B'

TO UNIT 'B'

COVERED WALK

3-300W. FLOOD LTS. MOUNT ON 1½" CONDUIT STEM 12" ABOVE ROOF

3-150W. FLOOD LTS. MOUNT ON 1½" CONDUIT STEM 12" ABOVE ROOF

SEE ARCHITECTURAL SERIES SHEET

TO SIG. TERM. CAB.

1"C.O. R.T. TO UNIT 'C'

AUDIO VISUAL E-118

HOMEMAKING TOILET E-119

TEXT ROOM E-120

SECTION CAB. E-121

HEATING ROOM E-122

TRANSFORMER E-123

WORK ROOM E-124

STACK ROOM E-125

15'-M-300W

LIBRARY E-126

TO LITE CKT. IN ROOM E-117

TO LITE CKT. IN ROOM E-117

TO 3P BKR. IN ROOM E-117

CONC. EMB.

UNIT "E"

SCALE 1/8"=1'-0"

NOTE:
FOR STRIP HEATER ① CONNECTIONS IN E-102, 103, & 104 SEE 'HEATING AND VENTILATING DRAWINGS.

"D" PANEL SCHEDULE

	PH	POL	AMPS	TRIP	WIRE	MISC	C.B.	DESCRIPTION
							0/208	
▽	1	15	3				1500	ROOM NO E-117
▽	2	1	15	3			1500	" " D-101
▽	3	1	15	3			1500	" " E-117
▽	4	1	15	3			1500	" " D-101
▽	5	1	15	3			1500	" " E-117
▽	6	1	15	3			1500	" " D-101
▽	7	1	15	3			1500	" " D-102
▽	8	1	15	3			1500	" " D-103
▽	9	1	15	3			1500	" " D-102
▽	10	1	15	3			1500	" " D-103
▽	11	1	15	3			1500	" " D-102
▽	12	1	15	3			1500	" " D-103
▽	13	1	15	3			1500	" " D-104
▽	14	1	15	3			1500	" " D-106
▽	15	1	15	3			1500	" " D-104
▽	16	1	15	3			1500	" " D-105
▽	17	1	15	3			1500	" " D-104
▽	18	1	15	3			1500	" " D-105
	19	1	15	4			1400	" " E-109, 110, 112
	20	1	20		3		600	" " D-104, 105
	21	1	15	6			900	COVERED WALK
	22	1	20		3		900	ROOM NO. D-103, 104
	23	1	20		3		600	ROOM NO E-111
	24	1	20		3		600	ROOM NO. D-101, 103
	25	1	20		3		600	" " E-117, D-101
	26	1	15			2" MIN.	280	" " D-104, 105
	27	1	20		3		600	" " E-117, 112, 116
	28	1	15			2" MIN.	280	" " D-106, 103
	29	1	20		3		600	" " E-109, 110, 112
	30	1	15			2" MIN.	200	" " D-101, E-117
	31	3	25			J-BOX		E-117-WITH CKTS #33 & 35
		1	15	1		FAN	200	" E-117-KITCHEN EXHTS
		"	"	"		"	"	" E-117-SPWITH CKT #31 & 33
		1	15			P.P.	100	POWER PACK
		"	"			"	"	ROOM NO E-117-WITH CKTS # 31 & 33
		1	15	5	-	2 FANS	1370	ROOM NO E-118, 114, 115, 116, 117
		1	15	9			1350	YARD FLOOD LTS.
		2	20		1		500	208V. 3W. W.P.T.L. REC. ARCADE
		1	15					SPARE
		"	"				500	2 POLES WITH CKT. # 38
		1	15					SPARE
		1	15					SPARE

38,020 " 125A. 3P BKR. 2"C. 4 #16

THIS SYMBOL "▽" INDICATES LOW VOLTAGE RELAY

PROVIDE LOW VOLTAGE POWER PACK IN THIS PANEL

AS BUILT

"E" PANEL SCHEDULE

	PH	POL	AMPS	TRIP	WIRE	MISC	C.B.	DESCRIPTION
							208	
▽	1	15	5				1500	ROOM NO E-101
	2	1	15	17			1325	" " E-107
▽	3	1	15	5			1500	" " E-101
	4	1	15	2			1000	" E-106
▽	5	1	15	5			1500	" E-101
	6	1	15	12			950	" E-108
		1	15	4			1400	" E-102, 103, 104, 105
		1	20		3		600	" E-111
		1	15	4			400	COVERED WALK
		1	20		2		120	ROOM NO. E-106, 108
		1	20		3		600	" E-102, 103, 104
		1	20		2		400	" E-108
		1	20		2		400	" E-101
		1	15			S.H.	750	ROOM NO E-102 - STRIP HTR.
		1	15			P.P.	100	POWER PACK
		1	15			S.H.	750	ROOM NO E-103 STRIP HTR.
		1	15	2			1080	ROOM NO E-111
		1	15			S.H.	750	ROOM NO E-104 STRIP HTR.
		1	15	9			1350	YARD FLOOD LTS.
		2	20		1		500	208V. 3W. WP REC. ARCADE
21		3	25			2"-1P.	755	RM. NO E-109 WITH CKTS # 23 & 25
22		"	"				500	2-POLES WITH CKT. # 20
23		"	"				755	3 POLES WITH CKTS. # 21 & 25
24		1	15			J'BOX	200	RM. NO E-109 - CONTROL CKT.
25		"	"				755	WITH CKTS. # 21 & 23
26		1	15					SPARE
27		1	15					"
28		1	15					"
29		1	15					"
30		1	15					"
TOTAL WATTS							20,340	70A. 3P BKR. 1½"C. 4 #4

THIS SYMBOL ▽ INDICATES LOW VOLTAGE RELAY

PROVIDE LOW VOLTAGE POWER PACK IN THIS PANEL

150 KVA UNIT SUBSTATION

L.V. SW.

H.V. SWITCH

TRANSF. SECTION

90"

3"C. TO PULL BOX SEE PLOT PLAN

1½"C. TO PANEL 'E'

4"C. TO EXISTING PULL BOX

3½"C. TO PANEL 'B' IN UNIT 'E'

2"C. TO PANEL 'D'

90A. 3P BKR. PANEL 'E'

100A. 3P BKR. PANEL 'B'

70A. 3P BKR. PANEL 'E'

90A. 3P BKR. PANEL 'C'

SPACE

SPACE

ELEVATION

NOTE:
VERIFY EXACT DIMENSIONS WITH UNIT SUBSTATION SUPPLIER

400A 3-POLE	MAIN BREAKER
150 A. 3P BKR	PANEL "1R"
125 A. 3P BKR.	PANEL "D"

LOW VOLTAGE SECTION END ELEVATION

SCALE 1/8"=1'-0"

1½"C. TO PANEL 'E'

6'-2"

5'-3"

4'-3"

4'-10"

6'-6"

SET CONDUITS 6" ON CENTER

3"C. TO PULL BOX SEE PLOT PLAN

3½"C. TO PANEL '1R' IN UNIT '2'

2"C. TO PANEL 'D'

4"C. 3/c #/0 5KV. CABLE TO EXISTING PULL BOX

PLAN

UNIT 'E' TRANSFORMER ROOM DETAILS UNIT-SUBSTATION N24

SCALE 1/4"=1'-0"

KEY PLAN

EXISTING

NEW

PLAN SHOWN

EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2964
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
NORmandy 1-4288
Edw. C. Sylvanus

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Balch Bryan
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

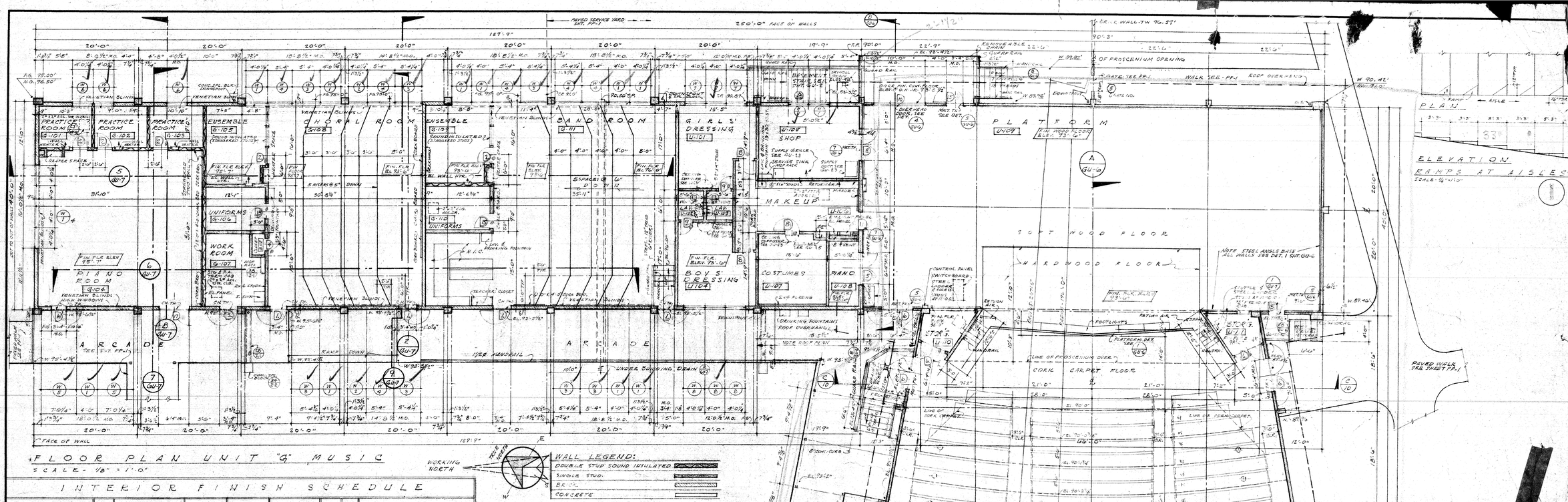
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNITS-D&E-
ELECTRICAL FLOOR PLAN & PANEL SCHEDULES & DETAILS
DATE PRINTED

JOB 547
SHEET DE-10
8 OF 32



FLOOR PLAN UNIT "G" MUSIC

SCALE - 1/8" = 1'-0"

UNIT "U" FLOOR PLAN AUDITORIUM

SCALE - 1/8" = 1'-0"

INTERIOR FINISH SCHEDULE

ROOM NAME	NO.	FLOORS	BASE	WALLS	CEILING	MISC.	REMARKS
	ROOM NUMBER	FINISHED CONCRETE / ASPHALT TILE / TILE / RUBBER TILE / WOOD / CORK CARPET / WALL TILE COVERING	STEEL ANGLE / CERAMIC TILE / WOOD BASE SIMILAR / CONCRETE	ACOUSTIC TILE / PLASTER / CONCRETE TEXTURED / BRICK EXPOSED	ACOUSTIC TILE / PLASTER / CONCRETE / 36" GRID SUSPENSION SYSTEM WITH ACOUSTIC TILE	TILE WAINSCOT / VENETIAN BLINDS / FURRED CEILING HEIGHT ABOVE FINISH FLOOR	
HEATER RM.	U-1	•		•	•		
TRANSFORMER RM.	U-2	•		•	•		
EMERGENCY LIGHTING RM.	U-3	•		•	•		
PRACTICE RM.	G-101	•	•	•	•	8'-7"	* AT STUD WALLS ONLY
PRACTICE RM.	G-102	•	•	•	•	8'-7"	* AT STUD WALLS ONLY
PRACTICE RM.	G-103	•	•	•	•	8'-7"	* AT STUD WALLS ONLY
PIANO RM.	G-104	•	•	•	•		* AT STUD WALLS ONLY
ENSEMBLE	G-105	•	•	•	•		* AT STUD WALLS ONLY
UNIFORMS	G-106	•	•	•	•	8'-1"	
WORK RM.	G-107	•	•	•	•	8'-1"	* AT STUD WALLS ONLY
CHORAL RM.	G-108	•	•	•	•		* AT STUD WALLS ONLY
ENSEMBLE	G-109	•	•	•	•		* AT STUD WALLS ONLY
UNIFORMS	G-110	•	•	•	•	8'-1"	* AT STUD WALLS ONLY
BAND RM.	G-111	•	•	•	•		* AT STUD WALLS ONLY
CLOSET	G-112	•	•	•	•	8'-1"	
GIRL'S DRESSING	U-101	•	•	•	•	8'-1"	* AT STUD WALLS ONLY
LAVATORY	U-102	•	•	•	•	8'-1"	
LAVATORY	U-103	•	•	•	•	8'-1"	
BOYS DRESSING	U-104	•	•	•	•	10'-6"	* AT STUD WALLS ONLY
SHOP	U-105	•	•	•	•		* AT STUD WALLS ONLY
MAKE UP	U-106	•	•	•	•	8'-1"	* AT STUD WALLS ONLY
COSTUMES	U-107	•	•	•	•	8'-1"	
PIANO RM.	U-108	•	•	•	•	8'-1"	* AT STUD WALLS ONLY
PLATFORM	U-109	•	•	•	•	20'-6"	* AT STUD WALLS ONLY
STORAGE RM.	U-110	•	•	•	•		* STUDS @ 12" O.C.
STORAGE RM.	U-111	•	•	•	•		* STUDS @ 12" O.C.
SEATING AREA	U-112	•	•	•	•		* AT STUD WALLS ONLY
FOYER	U-113	•	•	•	•	9'-1"	⊙ SCAN BORNING
TICKETS	U-114	•	•	•	•	9'-1"	* AT STUD WALLS ONLY
CUSTODIAN	U-115	•	•	•	•		* AT STUD WALLS ONLY
GIRL TOILET	U-116	•	•	•	•	9'-1"	* " " " "
BOYS TOILET	U-117	•	•	•	•	9'-1"	* " " " "
STAIRS	U-118	•		•	•		* AT STUD WALLS ONLY
TELEPHONE BOOTH	U-119	•	•	•	•	7'-10"	
CLOSET	U-120	•		•	•		PLAS. ON BRICK
FANS HEATER RM.	U-121	•		•	•		* AT STUD WALLS ONLY
TONE CHAMBERS	U-203 & U-204						

SCHOOL DISTRICT APPROVAL — DATE

PRESIDENT

MEMBER

ARCHITECT

ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO.

APPROVED

J.C. PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA, LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA, W. K. HUTCHASON ARCHITECT AIA

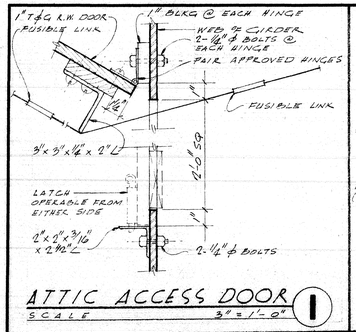
UNIT-GU-
FLOOR PLAN & INTERIOR FINISH SCHEDULES

DATE PRINTED

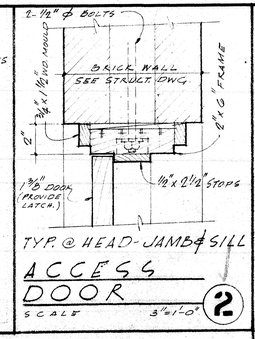
JOB 547

SHEET GU-

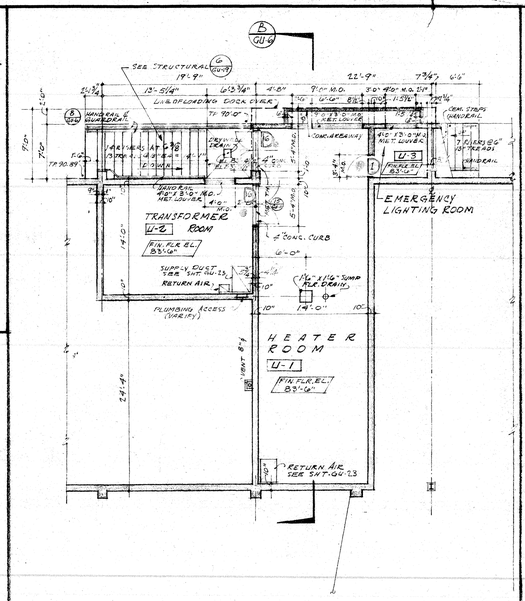
B.O. 3



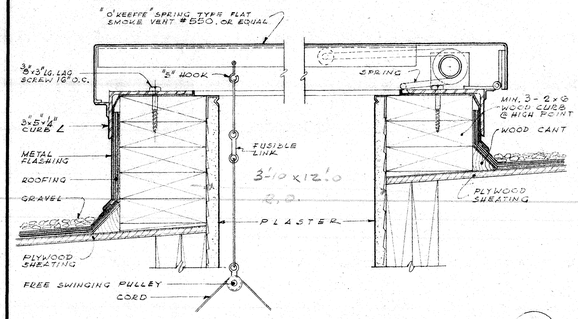
ATTIC ACCESS DOOR (1)
SCALE 3/4" = 1'-0"



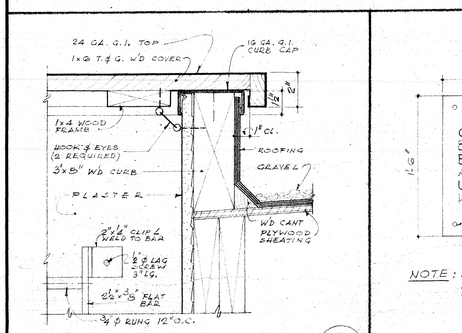
TYP. @ HEAD-JAMB & SILL
ACCESS DOOR (2)
SCALE 3"=1'-0"



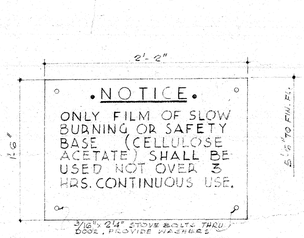
BASEMENT FLOOR PLAN
SCALE - 1/8" = 1'-0"



ROOF SMOKE VENT (3)
SCALE: 3/4"=1'-0"

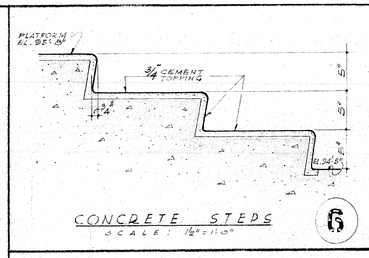


ROOF SCUTTLE (4)
SCALE: 3/4"=1'-0"

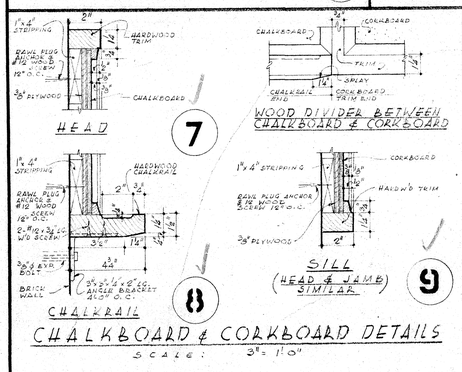


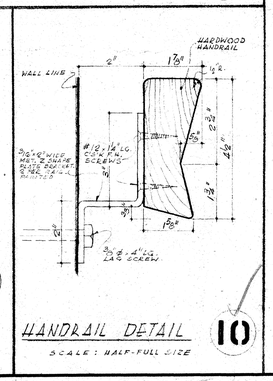
NOTE: SIGN SHALL BE BAKED ENAMEL RED LETTERS ON WHITE BACKGROUND.

FILM SIGN (5)
NO SCALE

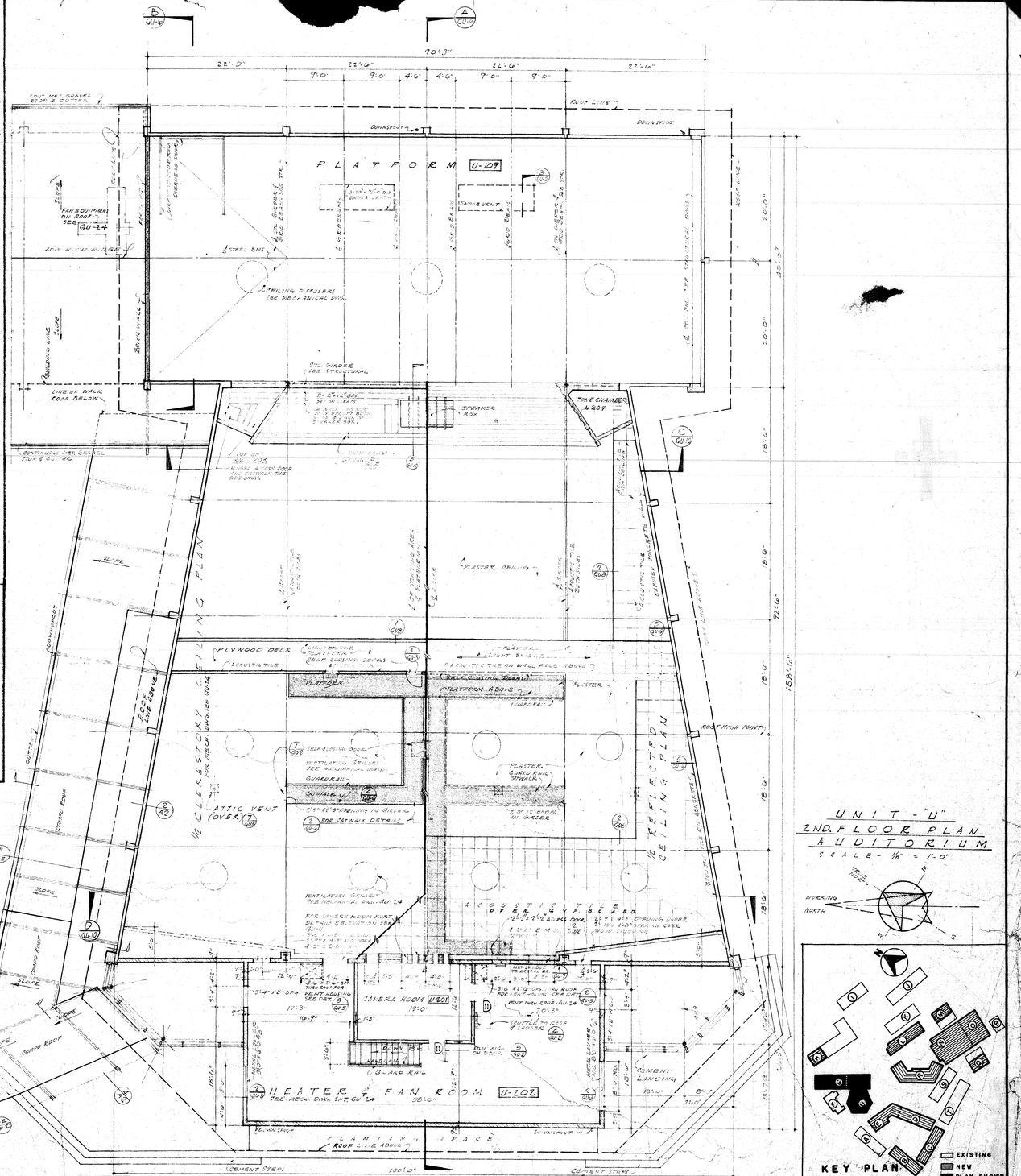


CONCRETE STEPS (6)
SCALE: 1 1/2"=1'-0"





HANDRAIL DETAIL (10)
SCALE: HALF-FULL SIZE



UNIT - "U"
2ND. FLOOR PLAN
AUDITORIUM
SCALE - 1/8" = 1'-0"

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. — APPROVED
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
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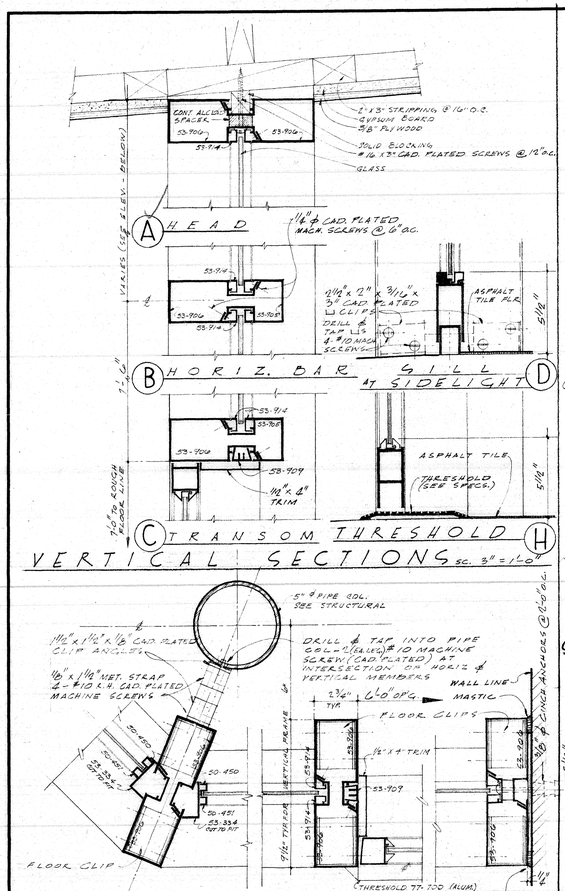
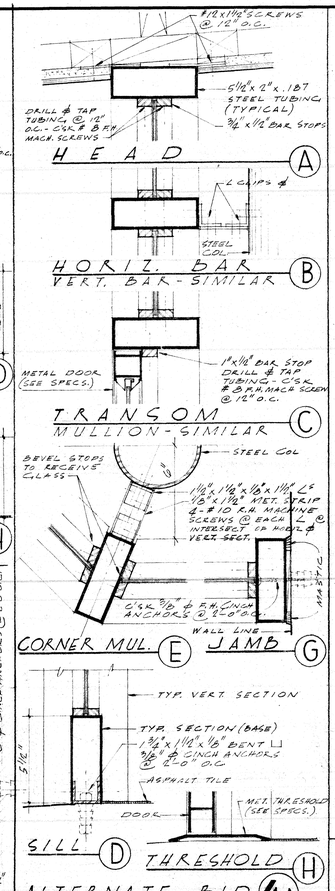
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

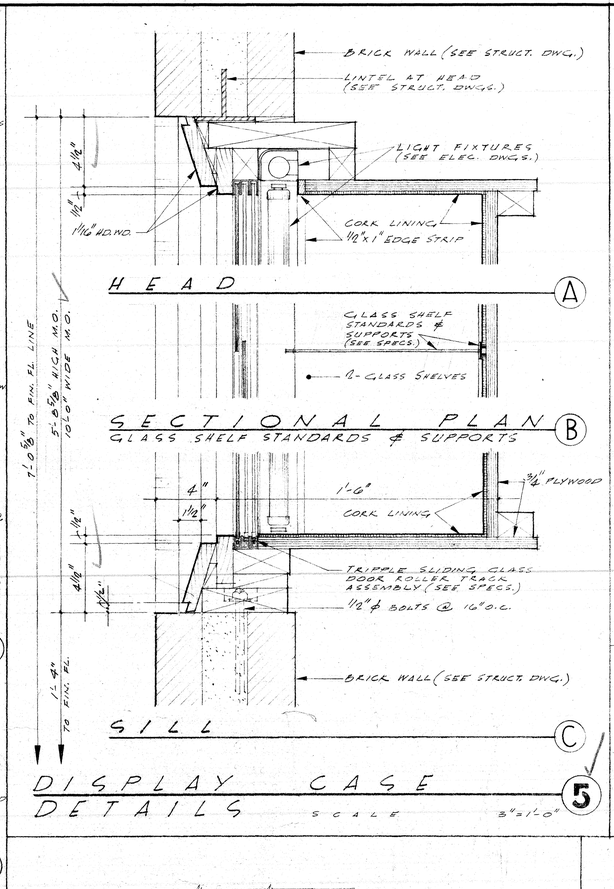
UNIT - GU
2ND FLOOR PLAN & DETAILS

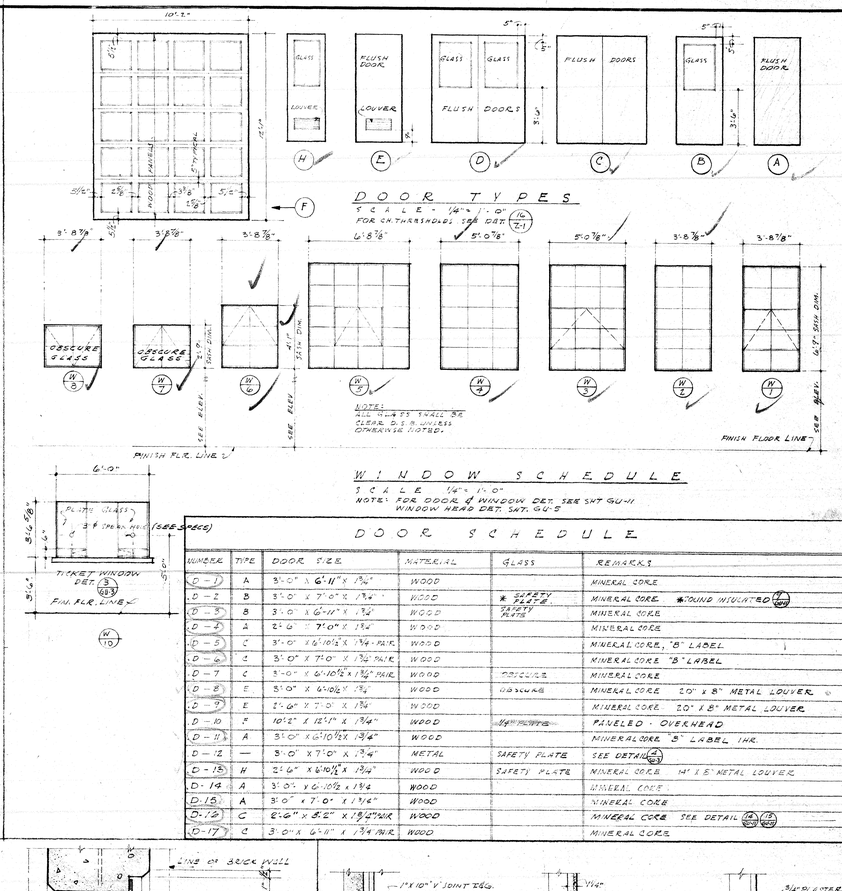
DATE PRINTED

JOB 547
SHEET GU-2
B.O. 34



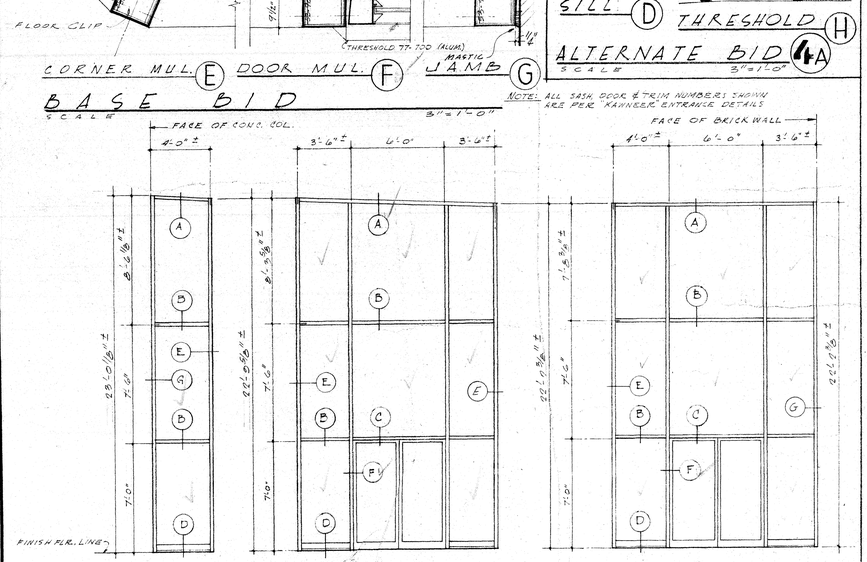


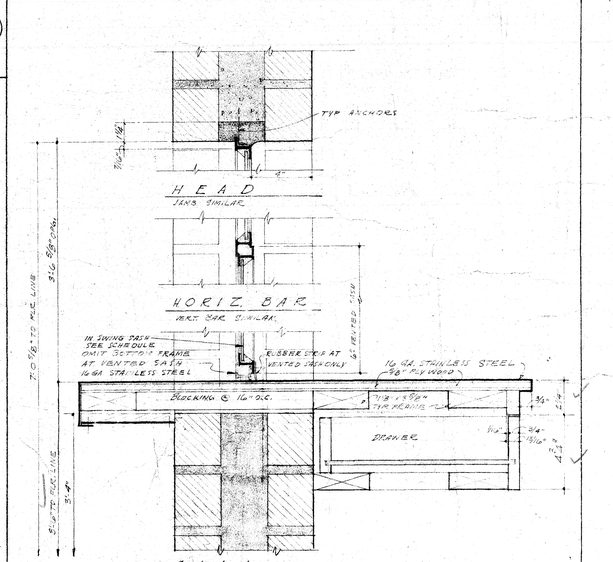


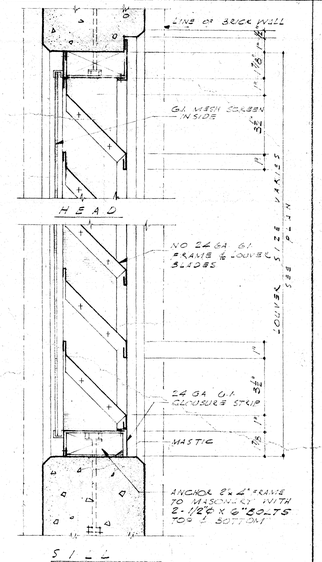


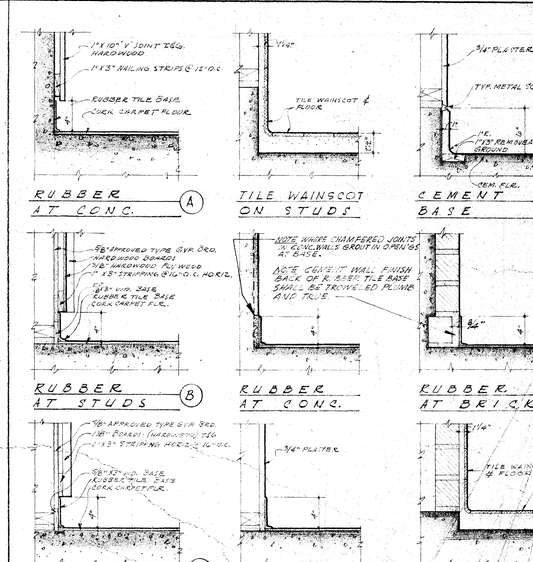
DOOR SCHEDULE

NUMBER	TYPE	DOOR SIZE	MATERIAL	GLASS	REMARKS
D-1	A	3'-0" x 6'-11" x 1¾"	WOOD		MINERAL CORE
D-2	B	3'-0" x 7'-0" x 1¾"	WOOD	* SAFETY PLATE	MINERAL CORE *SOUND INSULATED W/GW
D-3	B	3'-0" x 6'-11" x 1¾"	WOOD	SAFETY PLATE	MINERAL CORE
D-4	A	2'-6" x 7'-0" x 1¾"	WOOD		MINERAL CORE
D-5	C	3'-0" x 6'-10½" x 1¾" PAIR	WOOD		MINERAL CORE, "B" LABEL
D-6	C	3'-0" x 7'-0" x 1¾" PAIR	WOOD		MINERAL CORE "B" LABEL
D-7	C	3'-0" x 6'-10½" x 1¾" PAIR	WOOD	OBSCURE	MINERAL CORE
D-8	E	5'-0" x 6'-10½" x 1¾"	WOOD	OBSCURE	MINERAL CORE 20" x 8" METAL LOUVER
D-9	E	2'-6" x 7'-0" x 1¾"	WOOD		MINERAL CORE 20" x 8" METAL LOUVER
D-10	F	10'-2" x 12'-1" x 1¾"	WOOD	¼" PLATE	PAVELED - OVERHEAD
D-11	A	3'-0" x 6'-10½" x 1¾"	WOOD		MINERAL CORE "B" LABEL 1HR.
D-12	—	3'-0" x 7'-0" x 1¾"	METAL	SAFETY PLATE	SEE DETAIL 4/G-3
D-13	H	2'-6" x 6'-10½" x 1¾"	WOOD	SAFETY PLATE	MINERAL CORE 14" x 6" METAL LOUVER
D-14	A	3'-0" x 6'-10½" x 1¾"	WOOD		MINERAL CORE
D-15	A	3'-0" x 7'-0" x 1¾"	WOOD		MINERAL CORE
D-16	C	2'-6" x 8'-2" x 1¾" PAIR	WOOD		MINERAL CORE SEE DETAIL 4/G-3 7/G-3
D-17	C	3'-0" x 6'-11" x 1¾" PAIR	WOOD		MINERAL CORE









SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

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10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. —

APPROVED —

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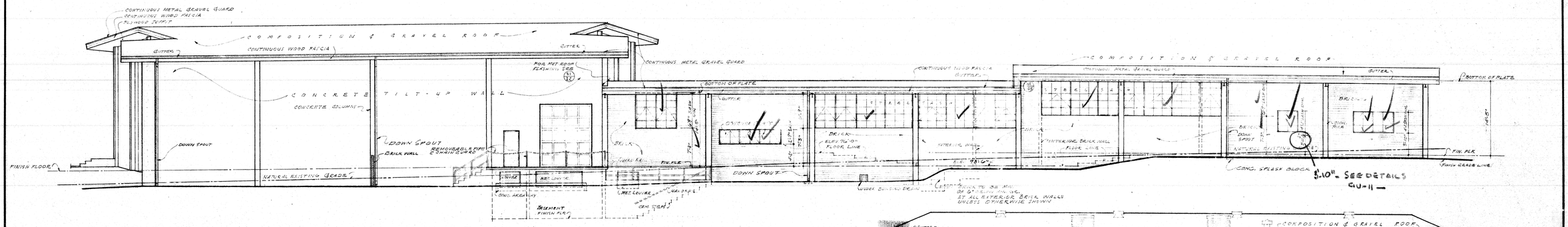
— UNIT - GU —
FOYER & ENTRANCE DETAILS - DOOR & WINDOW SCHEDULES

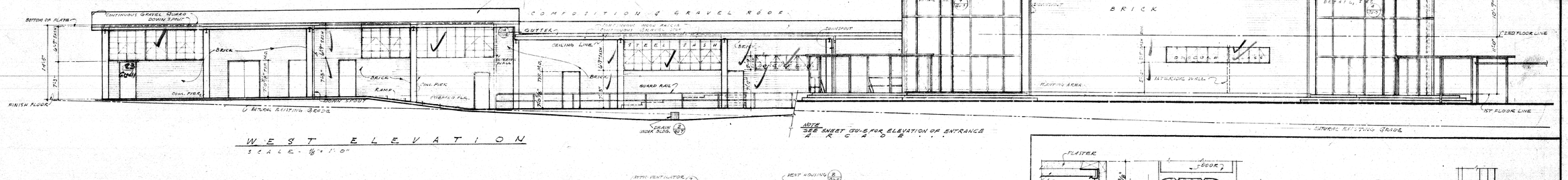
DATE PRINTED

JOB 547
SHEET GU-3
B.S. 35



EAST ELEVATION

SCALE - 1/8" = 1'-0"



WEST ELEVATION

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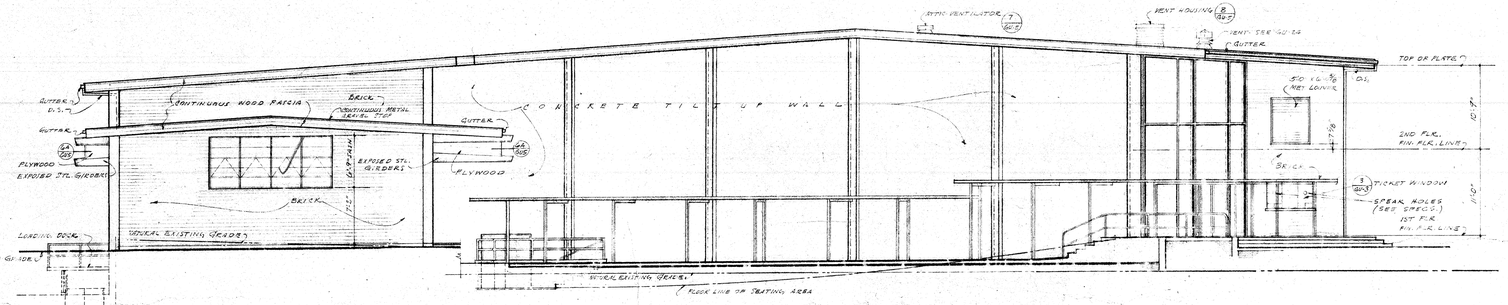

NORTH ELEVATION

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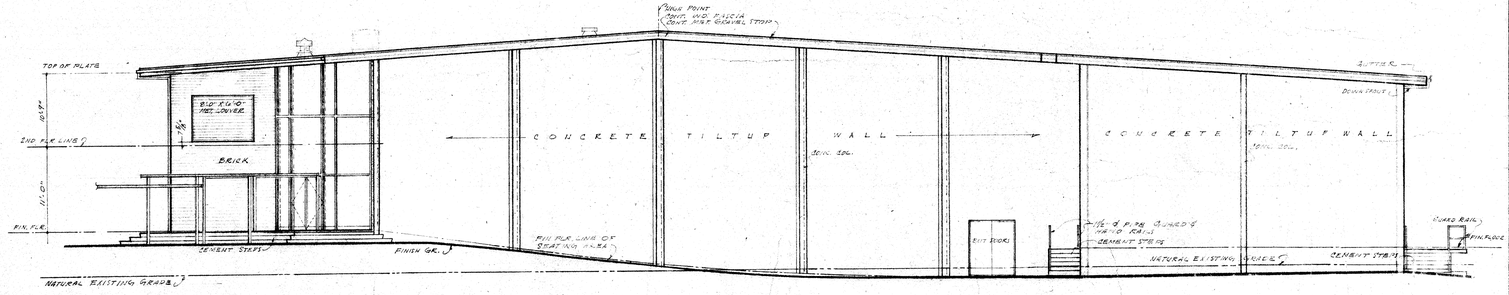


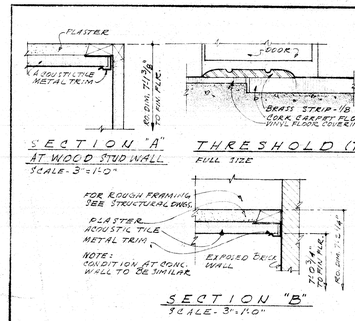
NOTE
SEE GU-11 FOR TYPICAL DOOR & WINDOW DETAILS

SOUTH ELEVATION

SCALE - 1/8" = 1'-0"

EXTERIOR ELEVATIONS

1



SECTION "A" AT WOOD STUD WALL

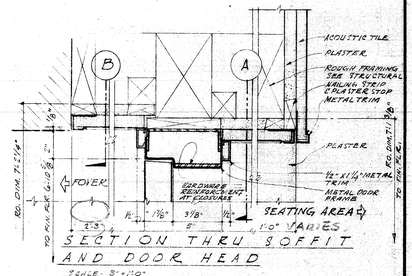
SCALE - 3" = 1'-0"

THRESHOLD (TYP)

FULL SIZE

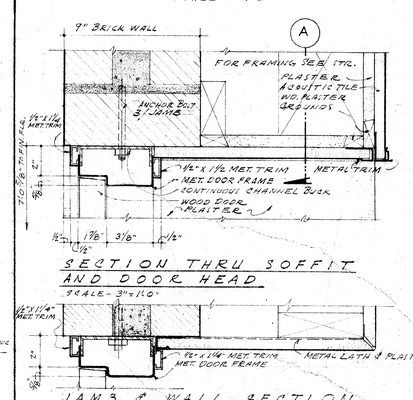
SECTION "B"

SCALE - 3" = 1'-0"



SECTION THRU SOFFIT AND DOOR HEAD

SCALE - 3" = 1'-0"



SECTION THRU SOFFIT AND DOOR HEAD

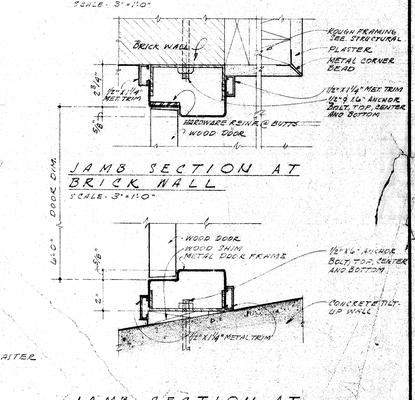
SCALE - 3" = 1'-0"

JAMB & WALL SECTION

SCALE - 3" = 1'-0"

DOOR & SOFFIT DETAILS INSIDE AISLES AT FOYER

2



JAMB SECTION AT BRICK WALL

SCALE - 3" = 1'-0"

JAMB SECTION AT CONCRETE WALL

SCALE - 3" = 1'-0"

DOOR & SOFFIT DETAILS SIDE AISLES AT FOYER

3

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 5458 APPROVED 195

PRINCIPAL STRUCTURAL ENGINEER

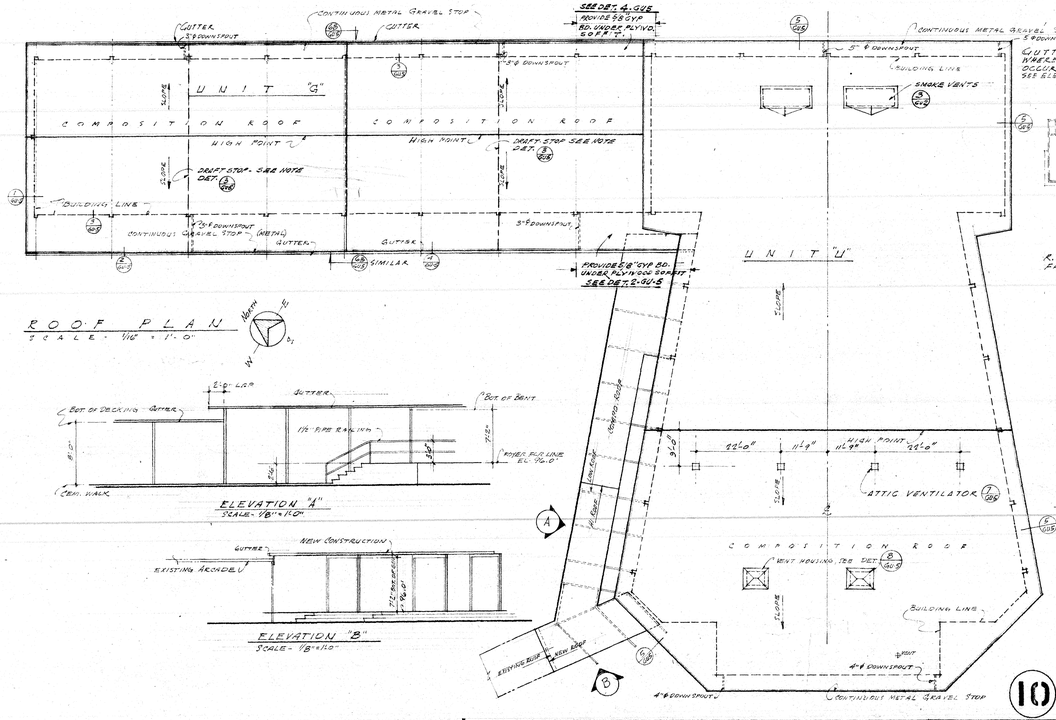
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

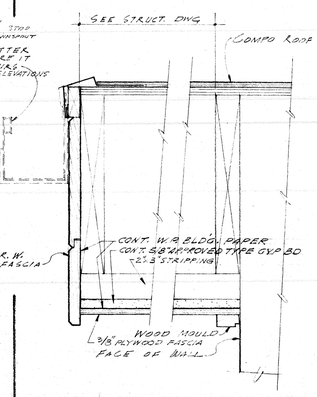
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

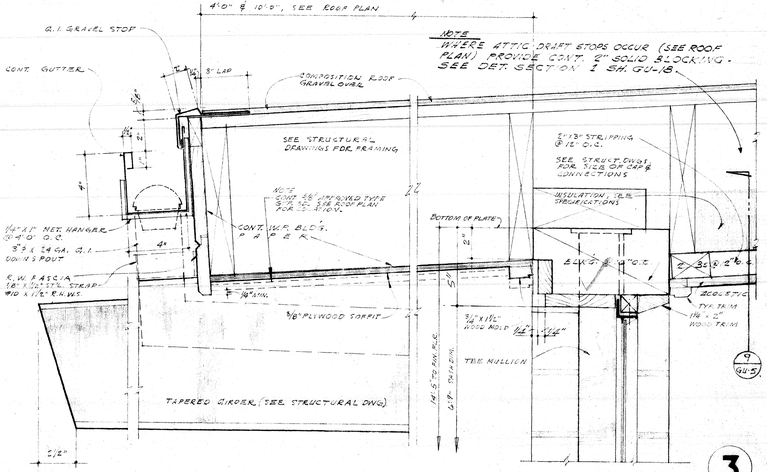
-UNIT-GU-
EXTERIOR ELEVATIONS

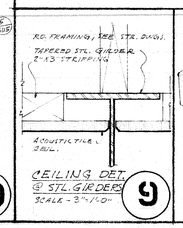
DATE PRINTED

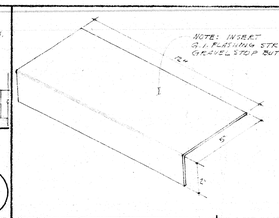
JOB 547
SHEET GU-4
B.O. 36

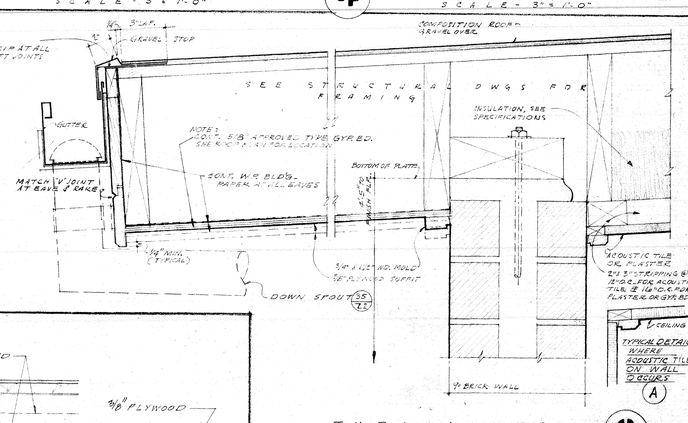


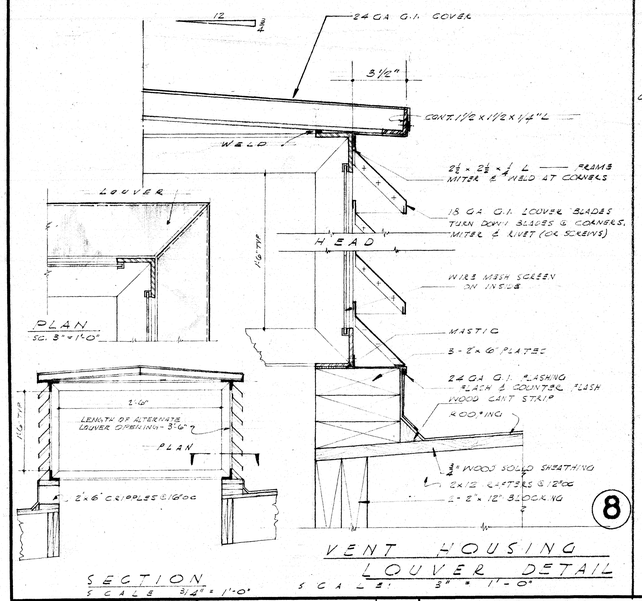


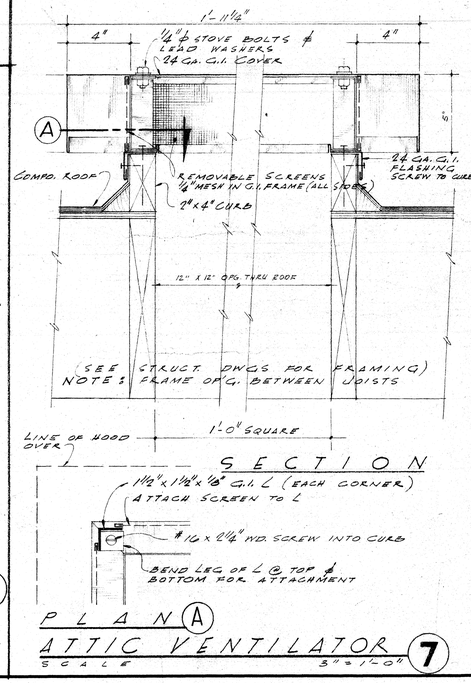


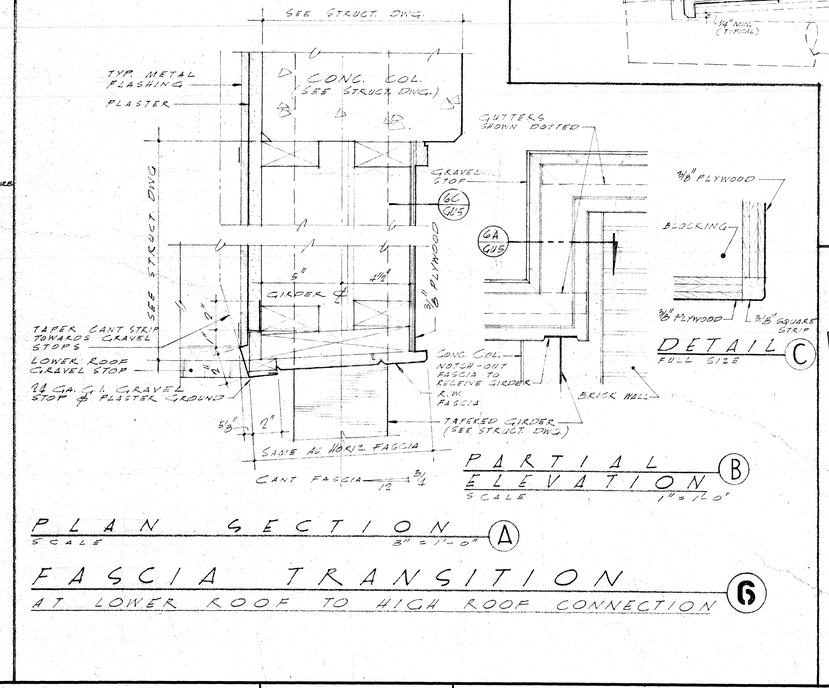


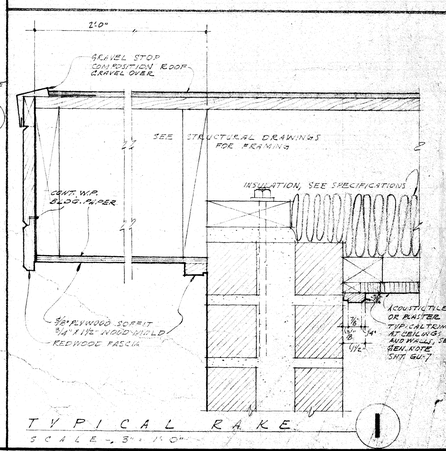












SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
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STATE OF CALIFORNIA
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DIVISION OF ARCHITECTURE
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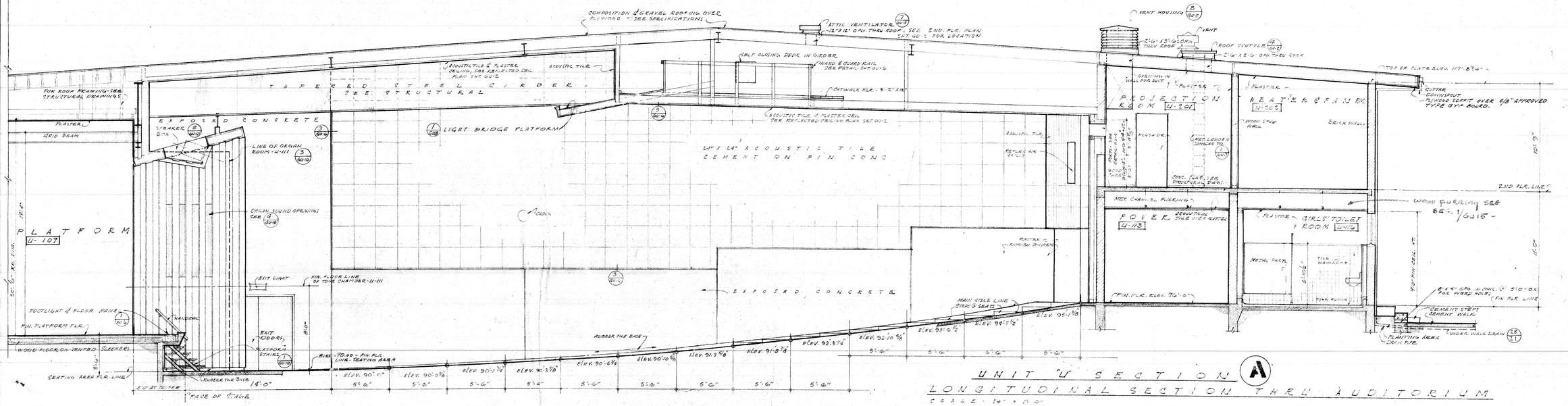
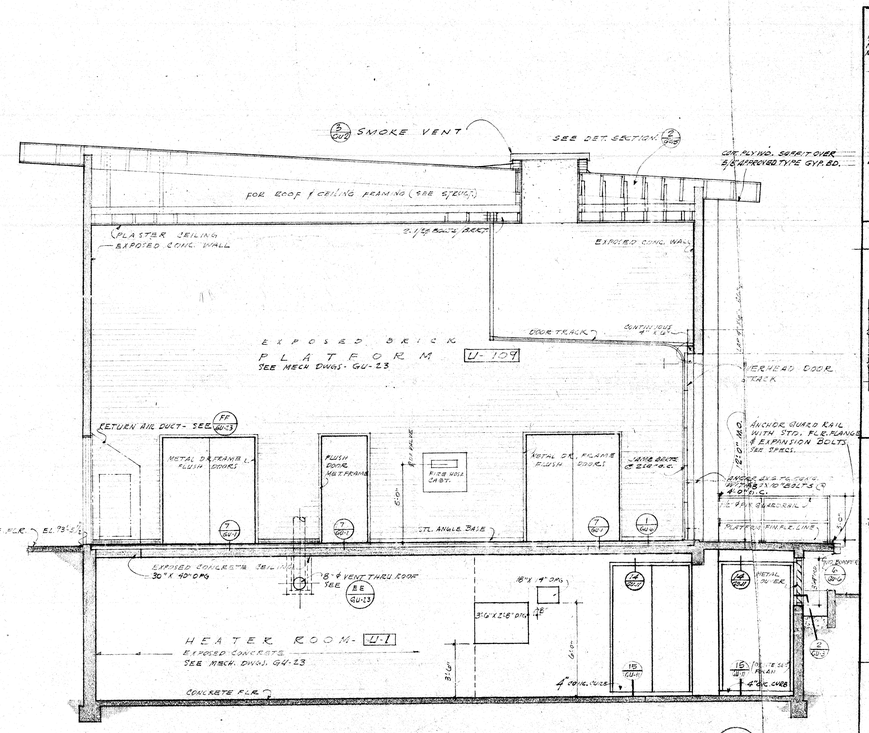
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

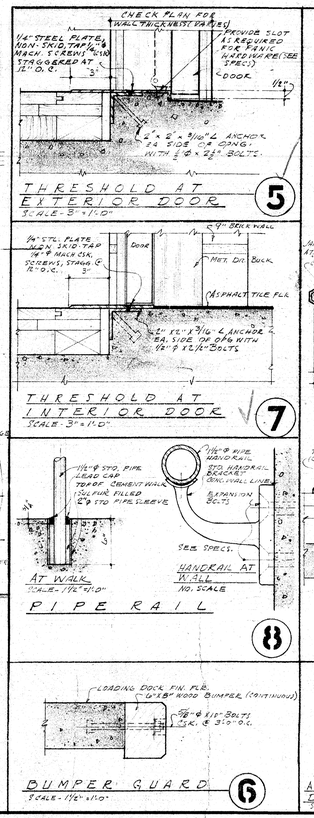
-UNIT-GU-
ROOF PLAN - ELEVATIONS & MISC. DETAILS

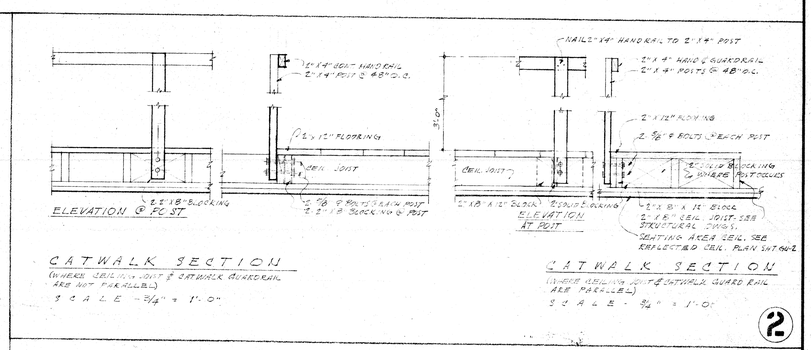
DATE PRINTED

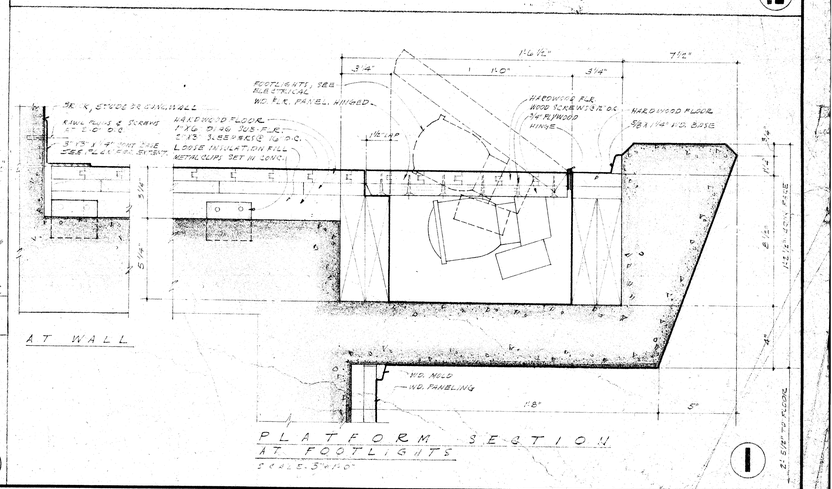
JOB 547
SHEET GU-5
S.O. 37











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ADDITIONS TO MORNINGSIDE HIGH SCHOOL

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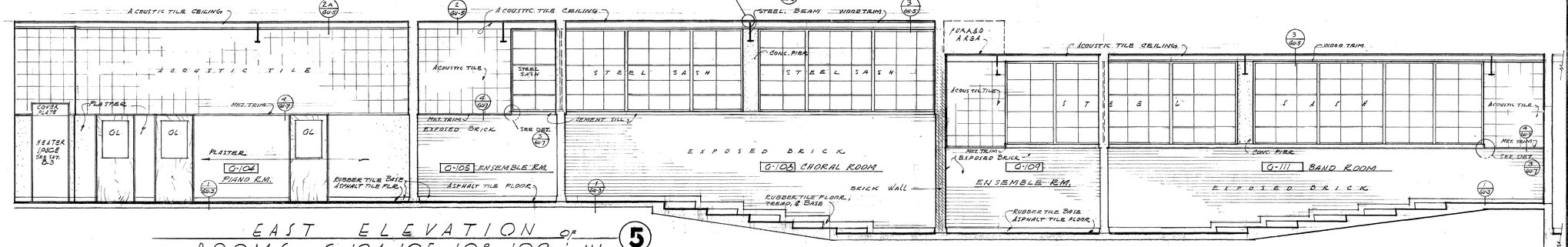
— UNIT - GU —
AUDITORIUM SECTIONS & DETAILS

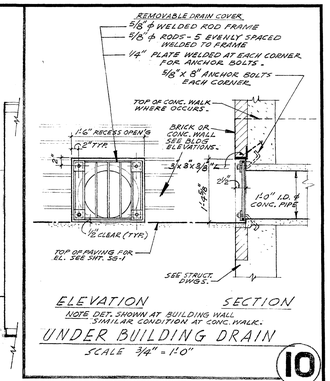
DATE PRINTED

JOB 547
SHEET GU-6
BD. 38



EAST ELEVATION OF ROOMS G-104, 105, 108, 109 & 111 (5)

SCALE: 1/2" = 1'0"

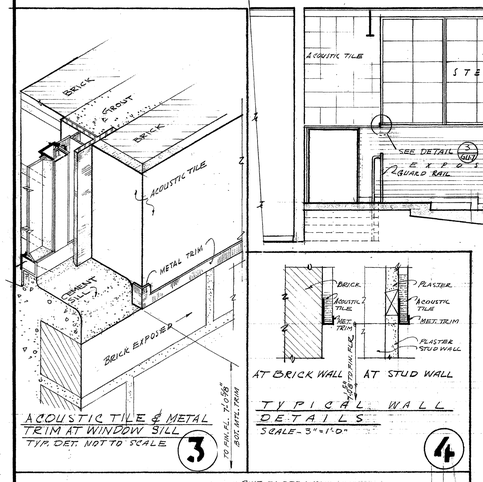


ELEVATION SECTION

NOTE DET. SHOWN AT BUILDING WALL SIMILAR CONDITION AT CONC. WALK.

UNDER BUILDING DRAIN (10)

SCALE 3/4" = 1'0"

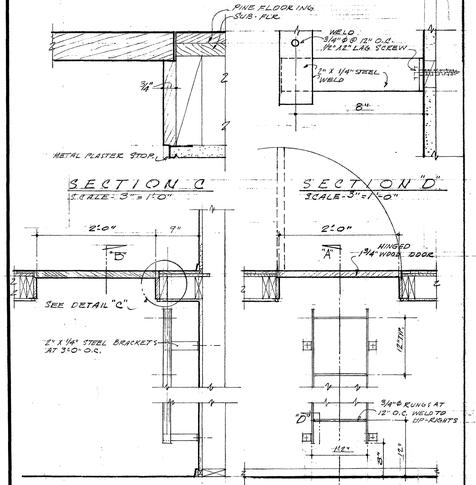


ACOUSTIC TILE & METAL TRIM AT WINDOW SILL

TYP. DET. NOT TO SCALE (3)

TYPICAL WALL DETAILS

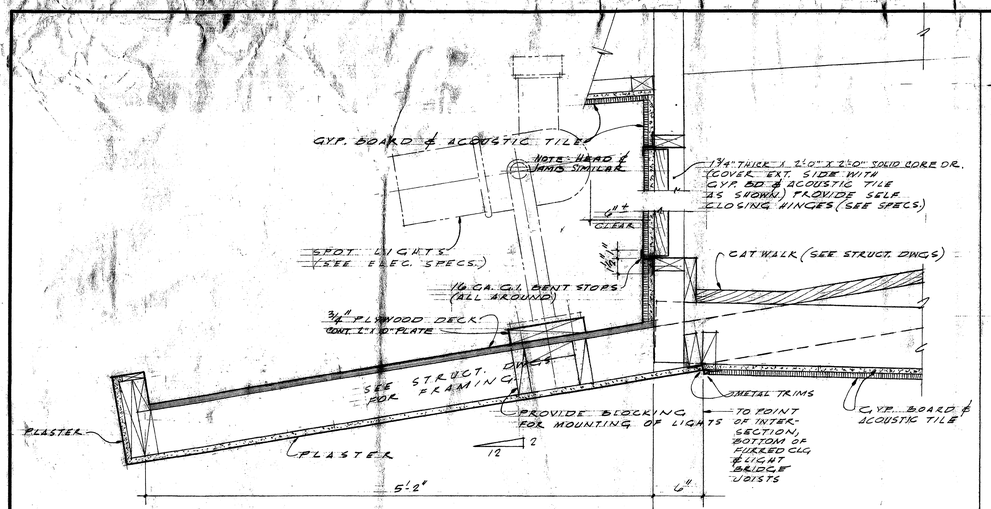
SCALE- 3"=1'0" (4)



ACCESS DOOR & LADDER DETAILS TO TONE CHAMBER (1)

TYPICAL WALL DETAILS

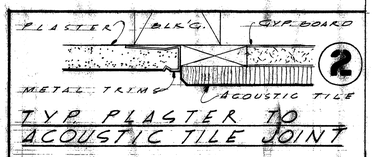
SCALE- 3"=1'0" (4



LIGHT BRIDGE PLATFORM & ACCESS DOOR DETAILS

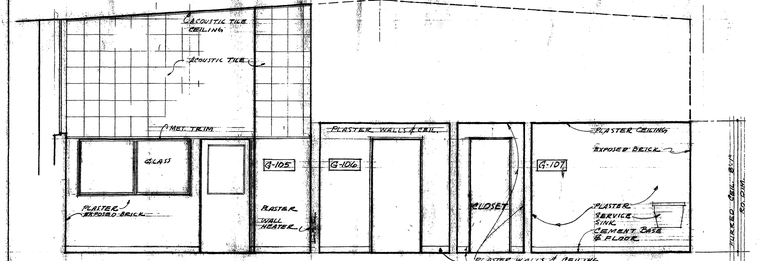
SCALE 1½" = 1'-0"

1



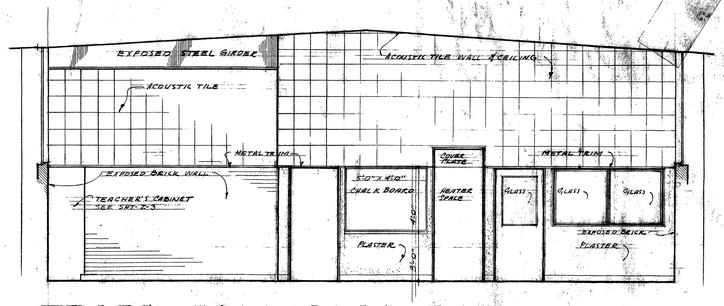
TYP. PLASTER TO ACOUSTIC TILE JOINT

2



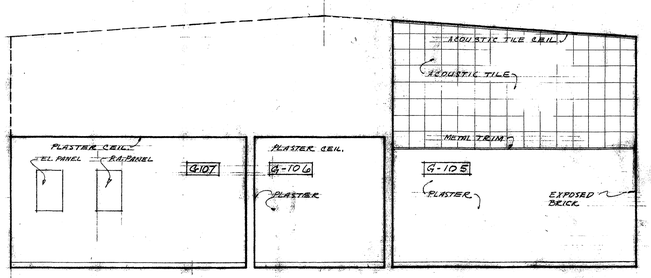
SOUTH WALL ELEV. RMS. G-105, G-106, CLOSET & G-107

SCALE - ¼" = 1'-0"



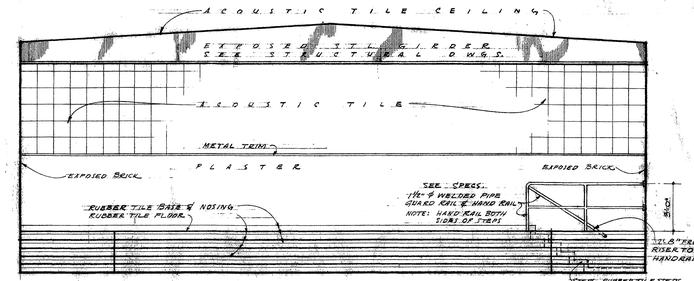
NORTH WALL ELEV. RM. G-111

SCALE - ¼" = 1'-0"



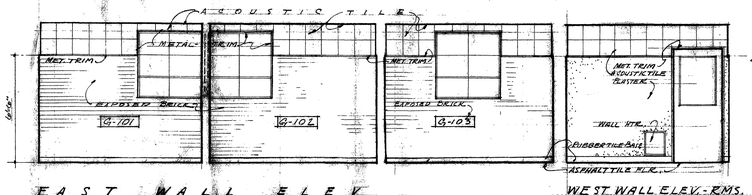
NORTH WALL ELEV. RMS. G-105, G-106, & G-107

SCALE - ¼" = 1'-0"



SOUTH WALL ELEV. RM. G-111

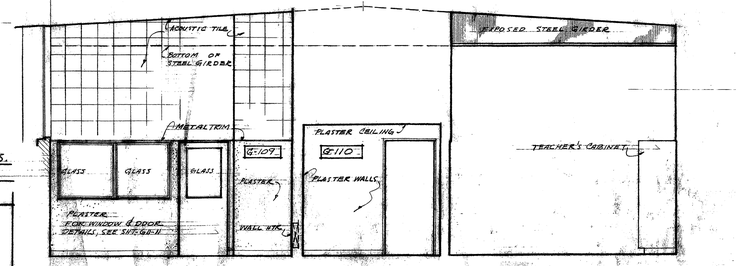
SCALE - ¼" = 1'-0"



EAST WALL ELEV ROOMS G-101, G-102, & G-103

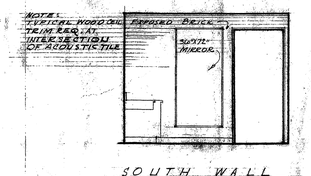
SCALE - ¼" = 1'-0"

WEST WALL ELEV.-RMS. G-102 & G-103, G-101-SIMILAR

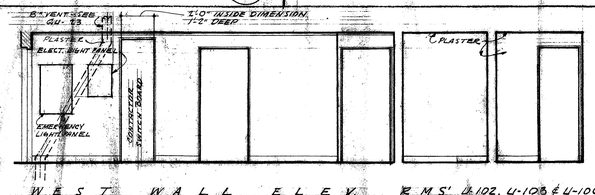


SOUTH WALL ELEV. RMS. G-109, G-110, & G-111

SCALE - ¼" = 1'-0"

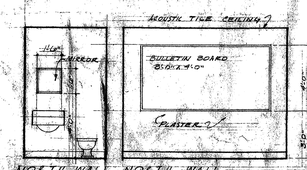


SOUTH WALL RM. U-106



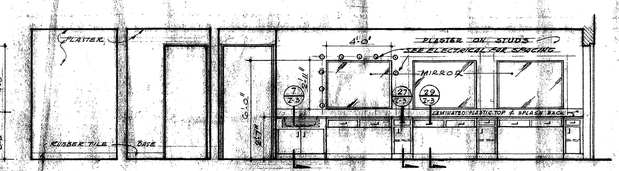
WEST WALL ELEV. RMS. U-102, U-103 & U-106

SCALE - ¼" = 1'-0"



NORTH WALL ROOM U-106

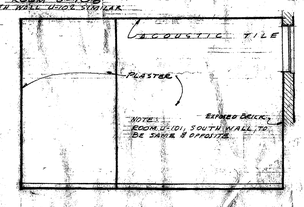
SOUTH WALL SIMILAR



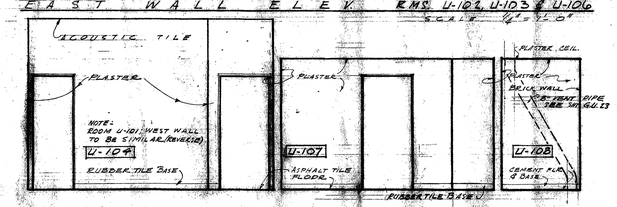
NORTH WALL RM. U-106

EAST WALL ELEV. RMS. U-102, U-103 & U-106

SCALE - ¼" = 1'-0"

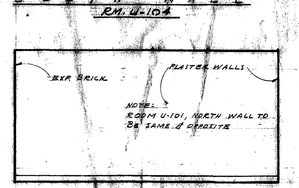


SOUTH WALL RM. U-104

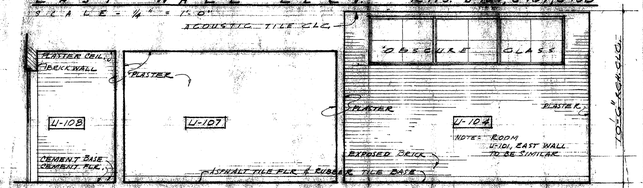


EAST WALL ELEV. RMS. U-104, U-107, U-108

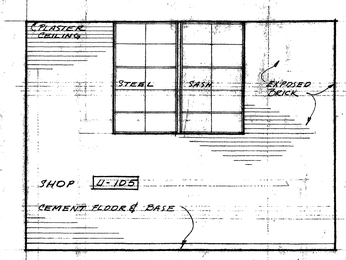
SCALE - ¼" = 1'-0"



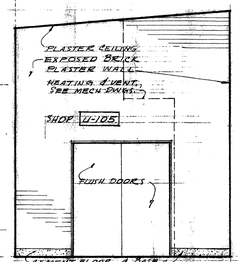
NORTH WALL



WEST WALL ELEV. RMS. U-104, U-107 & U-108



EAST WALL RM.-105

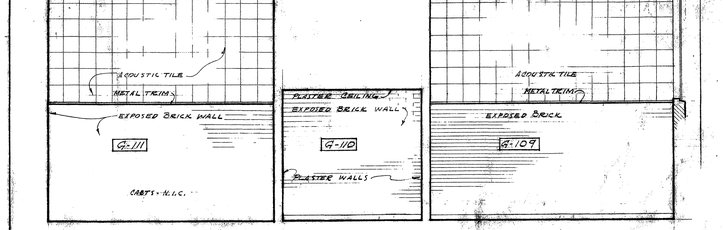


SOUTH - RM. U-105

INTERIOR ELEVATIONS UNIT "U"

SCALE - ¼" = 1'-0"

4



NORTH WALL ELEV. RMS. G-109, G-110 & G-111

SCALE - ¼" = 1'-0"

INTERIOR ELEVATIONS UNIT "G"

SCALE - ¼" = 1'-0"

3

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Glenn Balch	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO.	APPROVED
12538	FEB 24 1955

PRINCIPAL STRUCTURAL ENGINEER

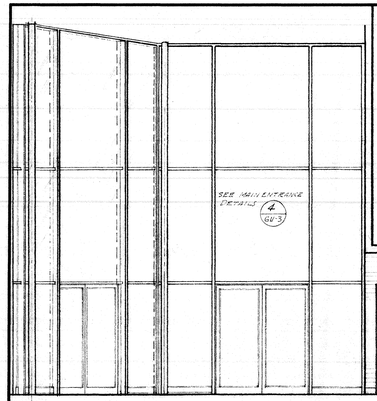
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

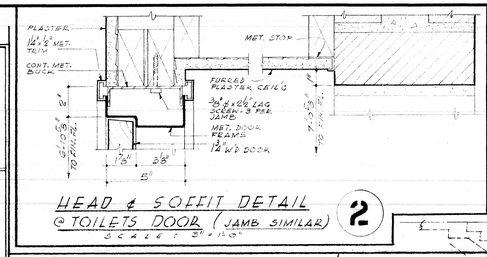
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT-GU —
INTERIOR ELEVATIONS OF MUSIC WING & PLATFORM

DATE PRINTED

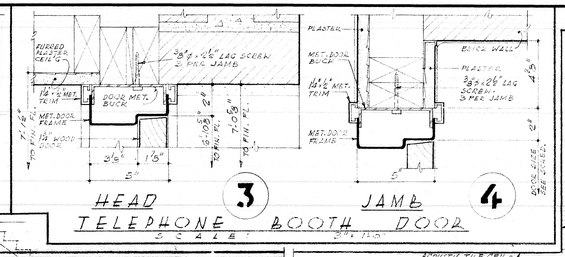
JOB 547.
SHEET GU-8
S.S. 40





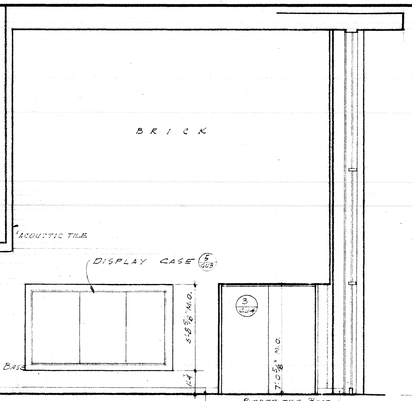
HEAD & SOFFIT DETAIL @ TOILETS DOOR (JAMB SIMILAR) 2

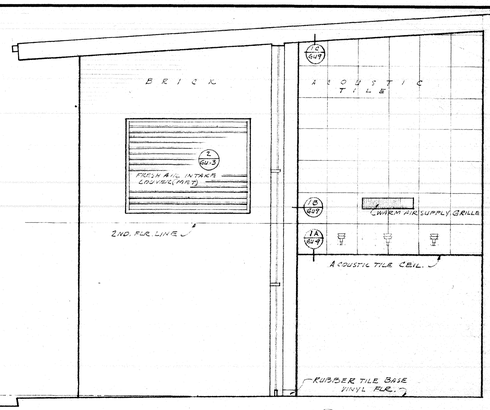
SCALE: 3" = 1'-0"



HEAD TELEPHONE BOOTH DOOR 3 JAMB 4

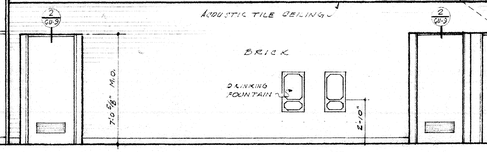
SCALE: 3" = 1'-0"

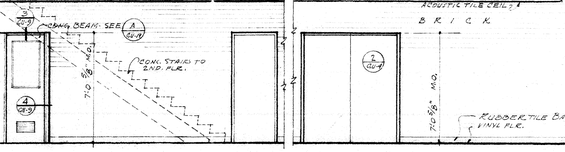


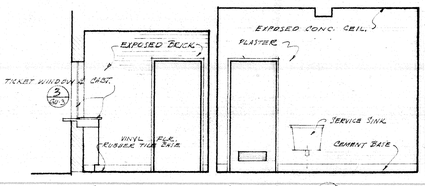


SOUTH WALL K GU-9

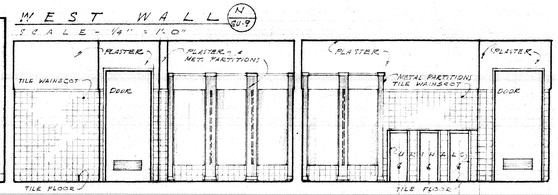
SCALE - 1/4" = 1'-0"





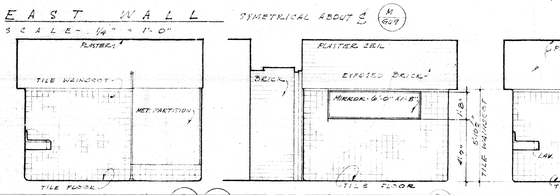


SECTION D- D GU-9



WEST WALL N GU-9

SCALE - 1/4" = 1'-0"



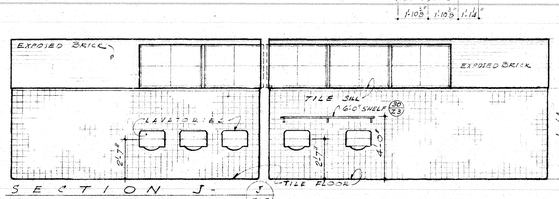
SECTION C (SECTION E-E REVERSE) C GU-7 E GU-9

SECTION B- B GU-9

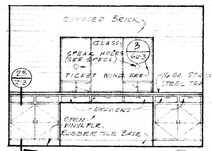
SECTION A&E (SECTION E-E REVERSE) A GU-7 E GU-9

EAST WALL SYMETRICAL ABOUT ℄ K GU-9

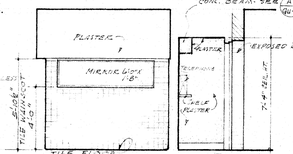
SCALE - 1/4" = 1'-0"



SECTION J- J GU-9



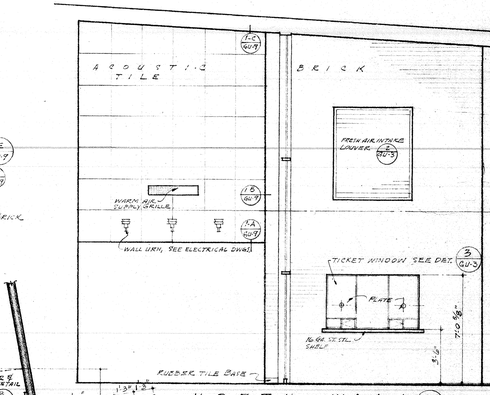
SECTION H- H GU-9



SECTION G- G GU-9

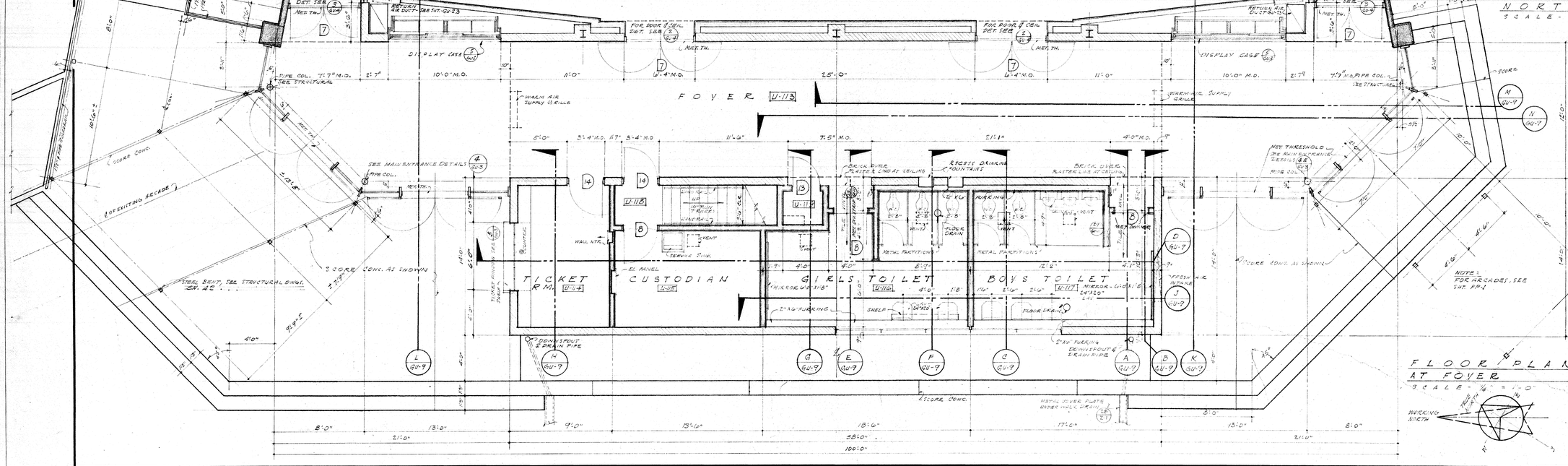
INTERIOR ELEVATIONS

SCALE - 1/4" = 1'-0"



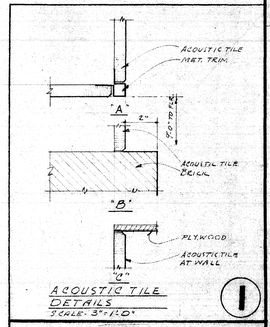
NORTH WALL L GU-9

SCALE - 1/4" = 1'-0"



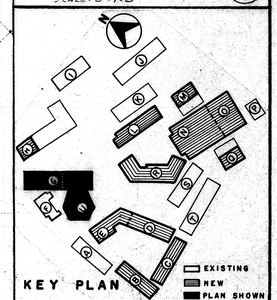
FLOOR PLAN AT FOYER

SCALE - 1/4" = 1'-0"



ACOUSTIC TILE DETAILS 1

SCALE: 3" = 1'-0"



SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO.

APPROVED

PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON

2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT

JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

-UNIT-GU-

PLAN-ELEVATIONS & DETAILS FOR FOYER

DATE PRINTED

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SHEET GU-9

B.O. 41

SECTION "C"
SCALE - 3/4" = 1'-0"

SECTION AT PLATFORM "B"
SCALE - 3/4" = 1'-0"

SECTION AT FLOOR "A"
SCALE - 3/4" = 1'-0"

STAIR PLAN VIEW
SCALE - 3/4" = 1'-0"

PLATFORM STAIRS 1

FLOOR PLATE
SCALE - 1½" = 1'-0"

DETAIL "A"
SCALE - 3" = 1'-0"

DETAIL "B"
SCALE - 3" = 1'-0"

SECTION "D"
SCALE - 3" = 1'-0"

STORAGE ROOM PLAN
SCALE - 1" = 1'-0"

DETAIL "C"
SCALE - 3" = 1'-0"

STORAGE RM. PLAN
SECTION & DETAILS 3

HEAD

THRESHOLD

DOOR DETAILS
SCALE - 3" = 1'-0" 2

WEST INTERIOR WALL OF SEATING AREA RM. U-112 SECTION D
SCALE - 1/4" = 1'-0"

SECTION E
SCALE - 1/4" = 1'-0"

EAST INTERIOR WALL OF SEATING AREA RM. U-112 C
SCALE - 1/4" = 1'-0"

SECTION "A"
SCALE - 1/2" = 1'-0"

SECTION "B"
SCALE - 1/2" = 1'-0"

PLAN SECTION OF TONE CHAMBER U-110
SCALE - 1/4" = 1'-0"

MULLION "C" DETORGAN SOUND OPENINGS G

TYP. JAMB "B"

PLAN SECTION
SCALE - 1/4" = 1'-0" F

SECTION
SCALE - 1/2" = 1'-0"

SECTION THRU SPEAKER BOX & DETAILS 5

SECTION "B"

SECTION "A"

SCHOOL DISTRICT APPROVAL	DATE
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MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

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INGLEWOOD UNIFIED SCHOOL DISTRICT

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-UNIT- GU -
AUDITORIUM SECTION & DETAILS

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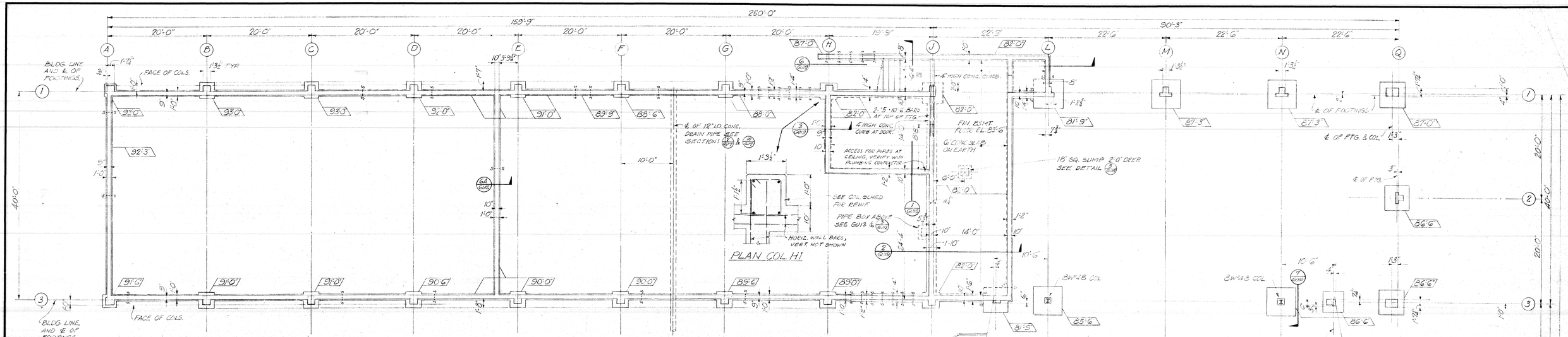
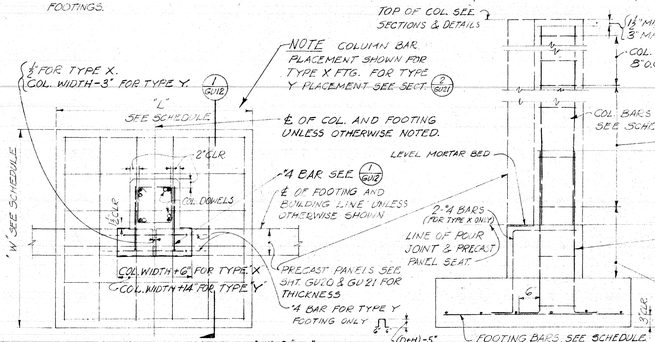
SHEET GU-10



FOUNDATION PLAN UNIT G

SCALE ~ 1/8" = 1'-0"

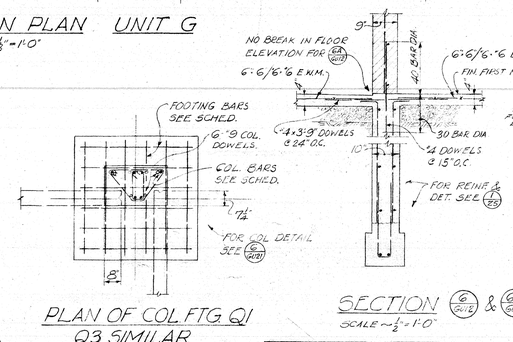


PLAN OF TYP. COL. FTG. TYPES 'X' & 'Y'

SECTION 1/GU/2

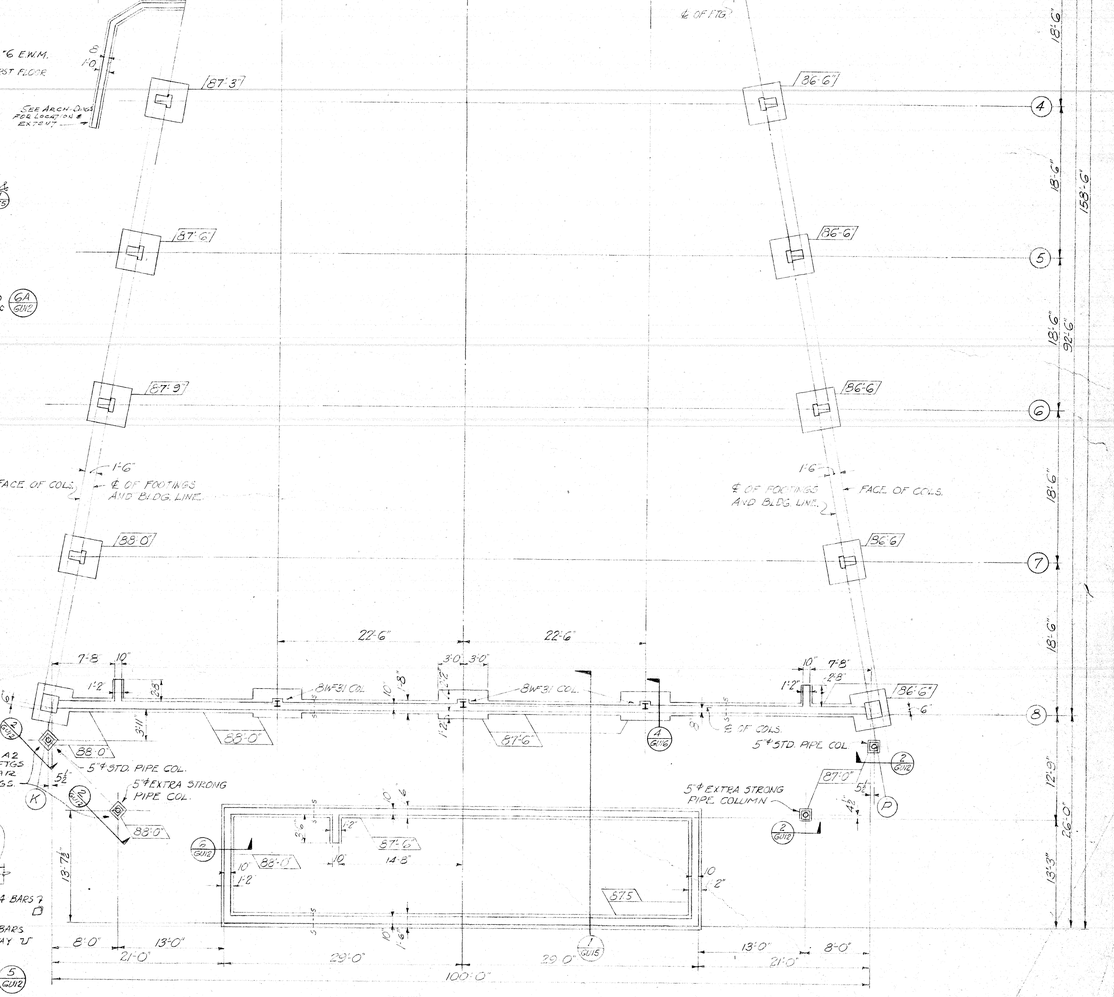
COLUMN AND COLUMN FOOTING SCHEDULE

FTG. TYPE	COL. NUMBER	COL. SIZE	COL. BARS	COL. TIES	W	L	D	H	FOOTING BARS	REMARKS
	A1	17"-19½"	4-9	"2" @ 8'0.C.	2'-2"	2'-2"	1'-0"	—	—	SIMILAR TO 1/GU/2
	A2	NOT USED								
	A3	17"-19½"	4-9	"2" @ 8'0.C.	2'-6"	2'-6"	1'-0"	—	—	SIMILAR TO 1/GU/2
Z	B1	15½"-17"	4-8	"2" @ 8'0.C.	2'-10"	2'-10"	1'-0"	—	—	SEE 5/GU/2
Z	B3	15½"-17"	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	" "
Z	C1	15½"-17"	4-8	"2" @ 8'0.C.	2'-10"	2'-10"	1'-0"	—	—	" "
Z	C3	15½"-17"	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	" "
Z	D1	15½"-17"	4-8	"2" @ 8'0.C.	2'-10"	2'-10"	1'-0"	—	—	" "
Z	D3	15½"-17"	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	" "
Z	E1	15½"-17"	4-8	"2" @ 8'0.C.	2'-10"	2'-10"	1'-0"	—	—	" "
Z	E3	15½"-17"	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	" "
Z	F1	15½"-17"	4-8	"2" @ 8'0.C.	2'-10"	2'-10"	1'-0"	—	—	" "
Z	F3	15½"-17"	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	" "
Z	G1	15½"-17"	4-8	"2" @ 8'0.C.	2'-10"	2'-10"	1'-0"	—	—	" "
Z	G3	15½"-17"	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	" "
Z	H1	15½"-17" SLANT 20"-21" SLANT	4-8	"2" @ 8'0.C.	3'-2"	3'-2"	1'-0"	—	—	SEE PLAN THIS SHT. & 2/GU/2
Z	H3	15½"-17"	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	SEE 2/GU/2
	J1	15½"-17" SLANT 18½"-19" SLANT	4-8	"2" @ 8'0.C.	4'-6"	4'-6"	1'-0"	—	4-¾ EA. WAY	SEE 2/GU/2
	J3	DITTO	4-8	"2" @ 8'0.C.	3'-0"	3'-0"	1'-0"	—	—	SIMILAR TO 1/GU/2
	K3	8"-9" SLANT 12"-13" SLANT	4-8	"2" @ 12'0.C.	4'-10"	4'-10"	1'-3"	6'-0"	5-¾ EA. WAY	SEE 2/GU/2
X	K4	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	6"	5-¾ EA. WAY	SEE 2/GU/2
X	K5	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	9"	5-¾ EA. WAY	" "
X	K6	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	2'-0"	5-¾ EA. WAY	" "
X	K7	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	1'-3"	5-¾ EA. WAY	" "
	K8	24"-25"	4-11	"2" @ 12'0.C.	4'-6"	4'-6"	1'-0"	1'-9"	9-¾ EA. WAY	SEE 2/GU/2
SIMILAR TO Y	L1	14"-15" SLANT 22"-23" SLANT	4-7	"2" @ 12'0.C.	5'-8"	5'-8"	1'-3"	6'-0"	9-¾ EA. WAY	SEE 2/GU/2
	L3	BWF 4.8			6'-0"	6'-0"	1'-3"	—	10-¾ EA. WAY	
	L6 & M6	BWF 3.1			3'-4"	6'-0"	1'-0"			
Y	M1	15½"-20"	4-5	"2" @ 12'0.C.	5'-8"	5'-8"	1'-3"	6"	9-¾ EA. WAY	SEE 2/GU/2
Y	N1	15½"-20"	4-8	"2" @ 12'0.C.	5'-8"	5'-8"	1'-3"	6"	9-¾ EA. WAY	" "
	N3	BWF 4.8			6'-0"	6'-0"	1'-3"	—	10-¾ EA. WAY	
	P3	12"-13½"	4-6	"2" @ 12'0.C.	4'-2"	4'-2"	1'-0"	1'-0	4-¾ EA. WAY	SEE 2/GU/2
X	P4	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	9"	5-¾ EA. WAY	SEE 2/GU/2
X	P5	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	1'-3"	5-¾ EA. WAY	" "
X	P6	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	2'-9"	5-¾ EA. WAY	" "
X	P7	12"-13"	4-7	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	4'-3"	5-¾ EA. WAY	" "
	P8	24"-25"	4-11	"2" @ 12'0.C.	4'-6"	4'-6"	1'-0"	4'-6	9-¾ EA. WAY	SEE 2/GU/2
SEE SHT 2/GU/2	Q1	19"-20"	6-9	COL. "2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	9"	6-¾ EA. WAY	SEE 2/GU/2
Y	Q3	12"-20"	2"ϕ & 3"ϕ	"2" @ 12'0.C.	5'-0"	5'-0"	1'-3"	9"	6-¾ EA. WAY	PLACE ϕ BARS ON INSIDE FACE. SEE 4/GU/2
SEE SHT 2/GU/2	Q3	19"-20"	6-9	COL. "2" @ 12'0.C.	4'-9"	4'-9"	1'-3"	9"	5-¾ EA. WAY	SIMILAR TO 1/GU/2

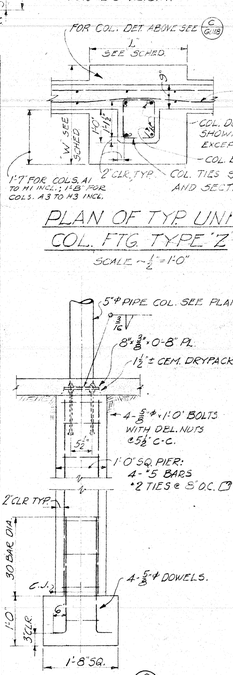


PLAN OF COL FTG. Q1
Q3 SIMILAR
SCALE ~ 3/8" = 1'-0"
DETAIL 4/GU/2

SECTION 6/GU/2 & 6A/GU/2
SCALE ~ 1/2" = 1'-0"

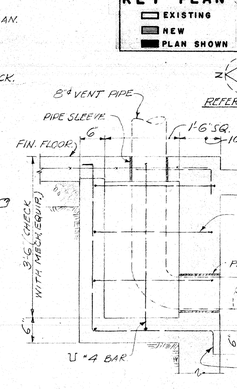


FOUNDATION PLAN UNIT U
SCALE ~ 1/8" = 1'-0"

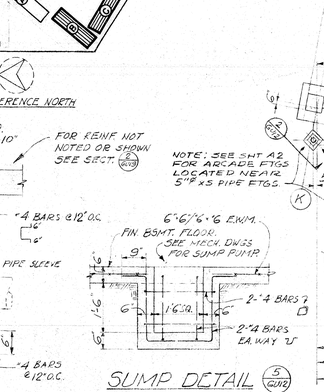


PLAN OF TYP. UNIT 'G' COL. FTG. TYPE 'Z'
SCALE ~ 1/2" = 1'-0"

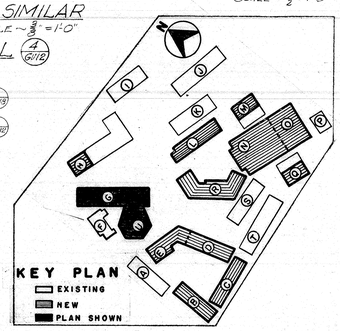
SECTION 2/GU/2
SCALE ~ 3/4" = 1'-0"



SECTION 3/GU/2
SCALE ~ 3/4" = 1'-0"



SUMP DETAIL 5/GU/2
SCALE ~ 1/2" = 1'-0"



EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
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NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE

PRESIDENT

MEMBER

ARCHITECT

ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

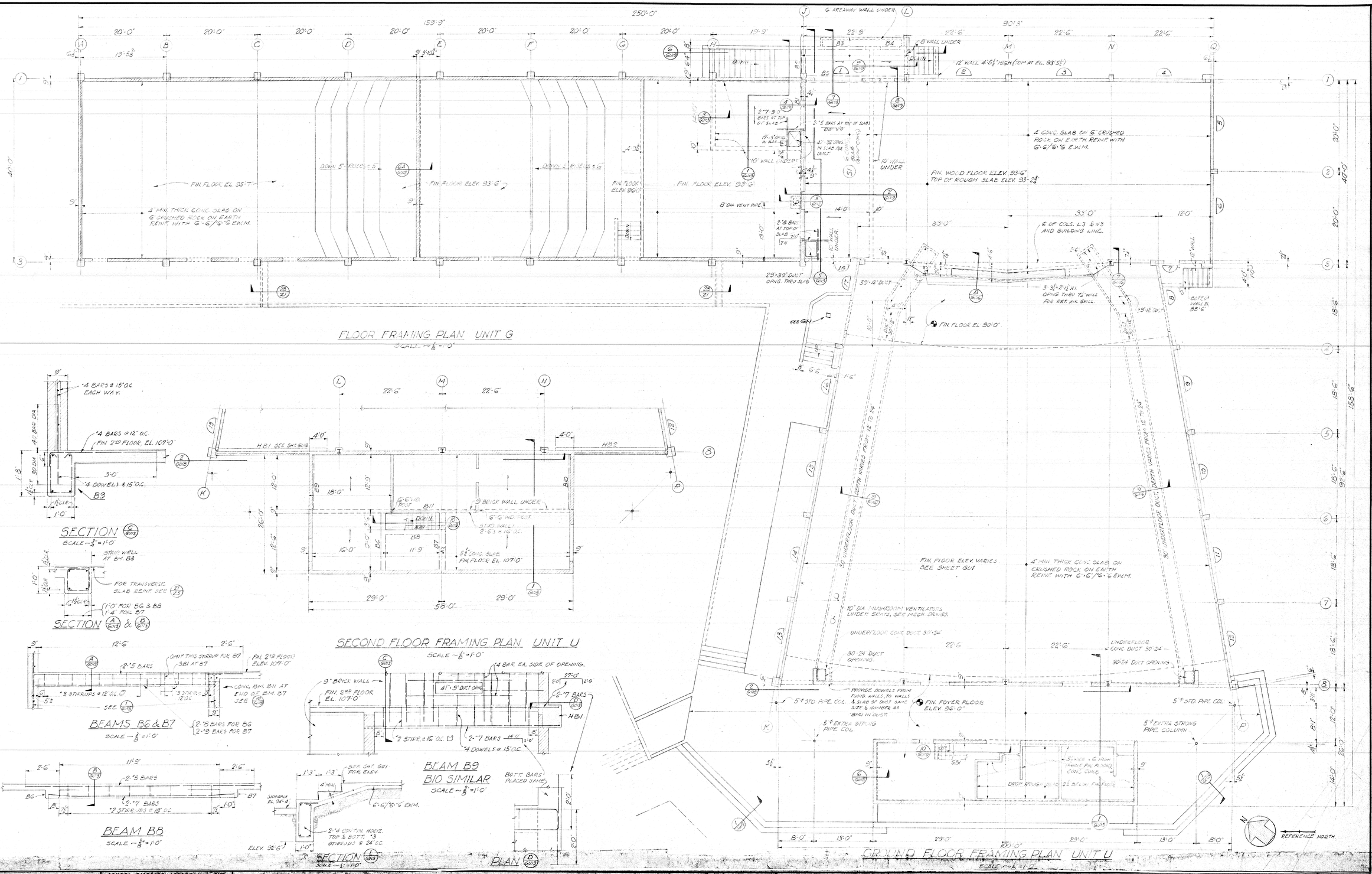
APPLICATION NO. — APPROVED — PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT - GU —
FOUNDATION PLAN & DETAILS

DATE PRINTED

JOB 547
SHEET GU-12
B.O. 44



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NORMANDY 3-9218

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INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO.
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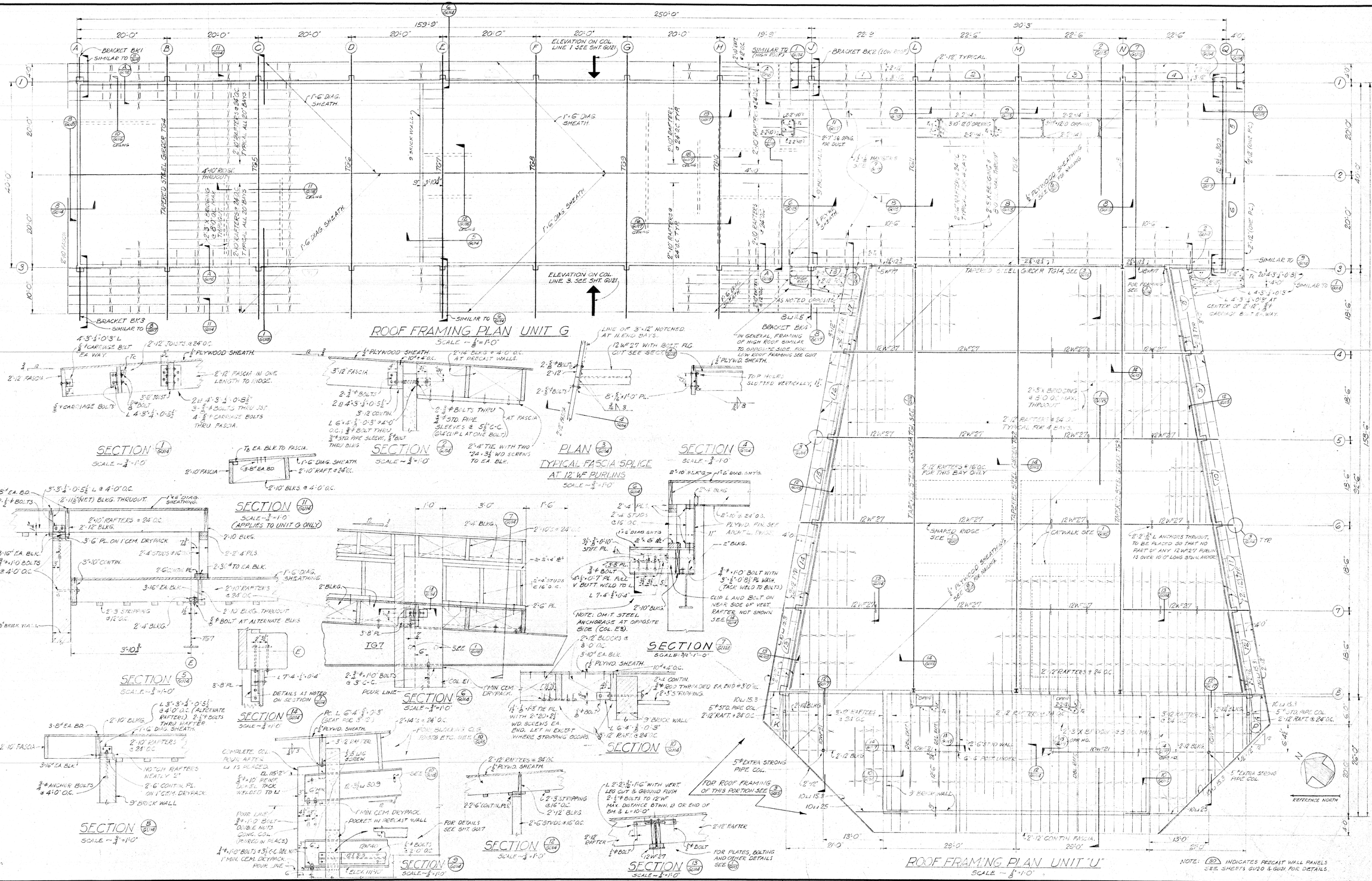
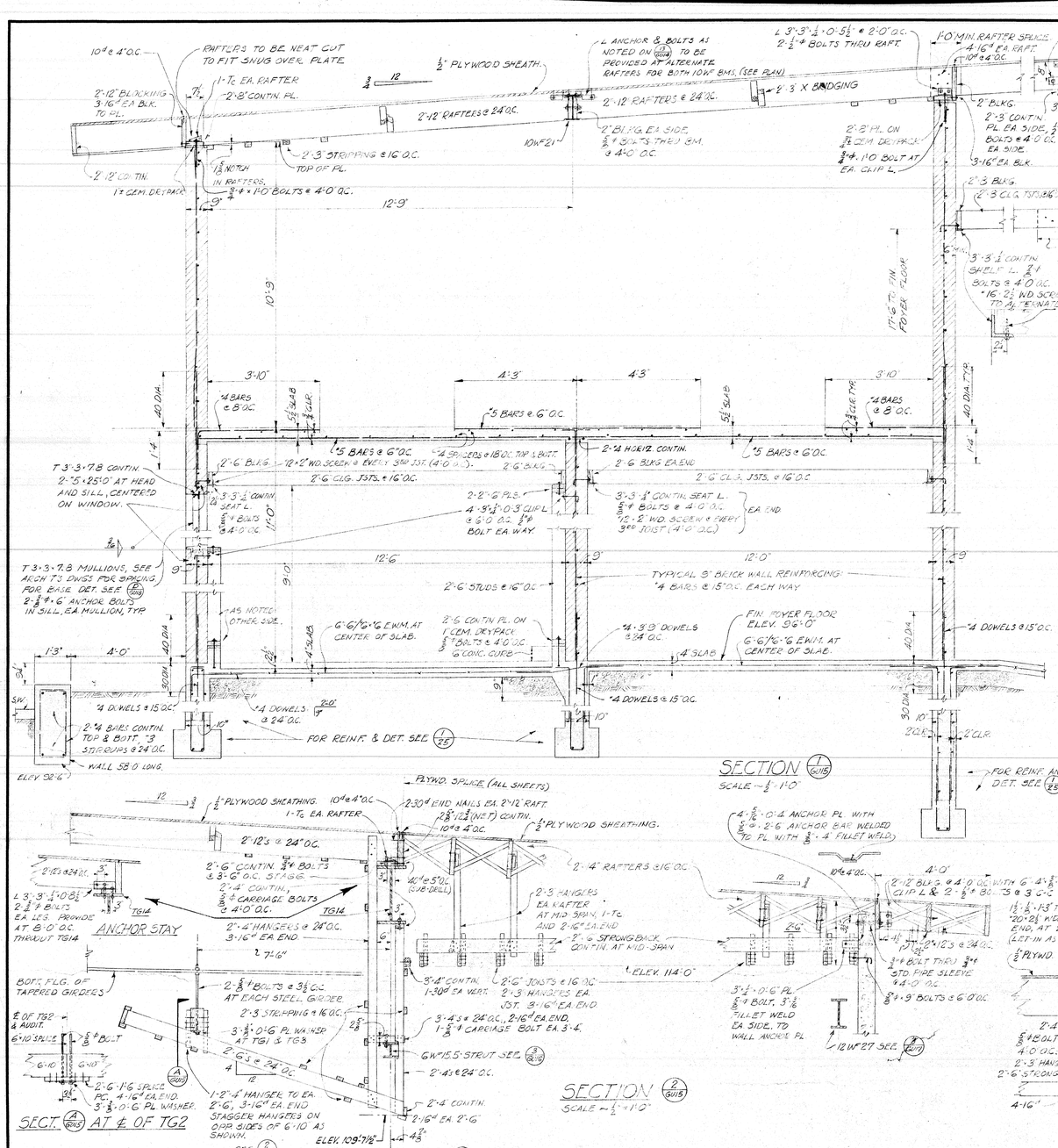
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNIT-GU
GROUND FLOOR & SECOND FLOOR FRAMING PLANS
DATE PRINTED

JOB 547
SHEET GU13
B.O. 45


ROOF FRAMING PLAN UNIT G
SCALE ~ 1/8"=1'-0"
ROOF FRAMING PLAN UNIT "U"
SCALE ~ 1/8"=1'-0"
ELEVATION ON COL. LINE 1 SEE SHT. GU21
ELEVATION ON COL. LINE 3. SEE SHT. GU21
BRACKET BK1 SIMILAR TO
BRACKET BK2 (LOW ROOF)
BRACKET BK3 SIMILAR TO
BRACKET BK4
SIMILAR TO
TAPERED STEEL GIRDER TG14
TAPERED STEEL GIRDER TG12
2'-12" TYPICAL
2'-10" RAFTERS @ 24" O.C. TYPICAL ALL 20' BAYS
1'-6" DIAG. SHEATH.
9" BRICK WALL
4'-10" ROOF SLOPE THROUGHOUT
2'-10" RAFTERS @ 24" O.C. TYPICAL FOR 4 BAYS
2'-12" RAFTERS @ 24" O.C. TYPICAL FOR 4 BAYS
2'-12" RAFTERS @ 16" O.C. FOR THIS BAY ONLY
2'-10" RAFTERS @ 24" O.C. TYP.
2'-12" CONTIN. FASCIA
2'-5" X BRIDGING @ 8'-0" O.C. MAX. THRUOUT
2'-5" X BEARING @ 8'-0" O.C. MAX. THRUOUT
2'-5" X BRIDGING @ 8'-0" O.C. MAX. THRUOUT
3/8" PLYWOOD SHEATHING SEE SHT. GU3 FOR NAILING
2'-12" RAFTERS @ 24" O.C. TYPICAL FOR 4 BAYS
2'-12" RAFTERS @ 16" O.C. FOR THIS BAY ONLY
2'-12" RAFTERS @ 24" O.C.
2'-10" RAFTERS @ 24" O.C.
2'-10" RAFTERS @ 24" O.C. TYP.
2'-10" RAFTERS @ 24" O.C.
2'-10" RAFTERS @ 24" O.C.
2'-10" RAFTERS @ 24" O.C



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NORMANDY 3-9218

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PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

19500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 13538
APPROVED Feb 2, 1959
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
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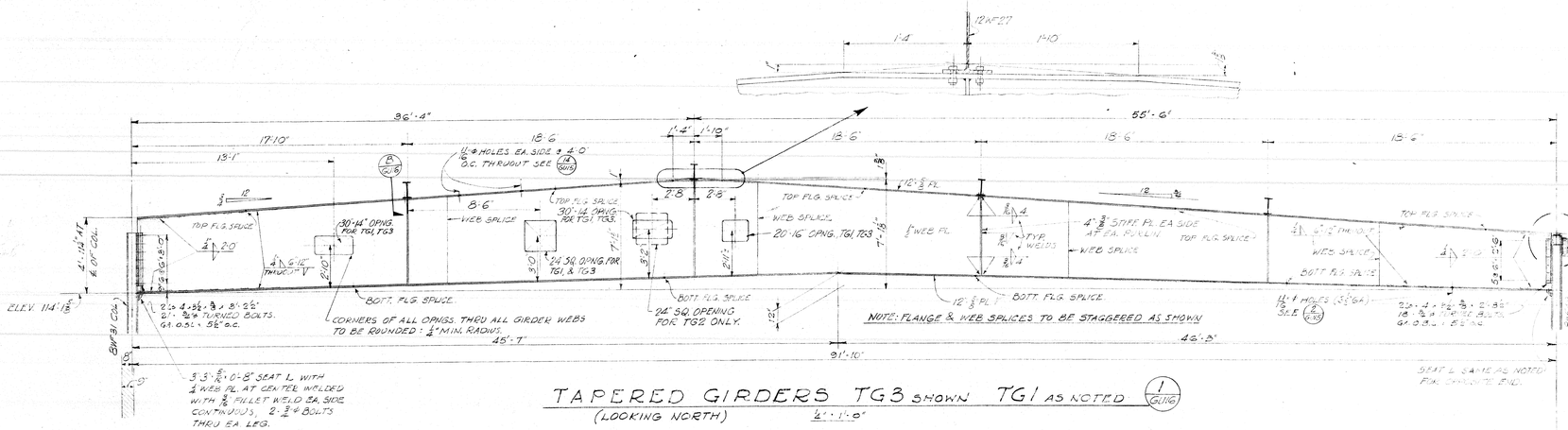
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

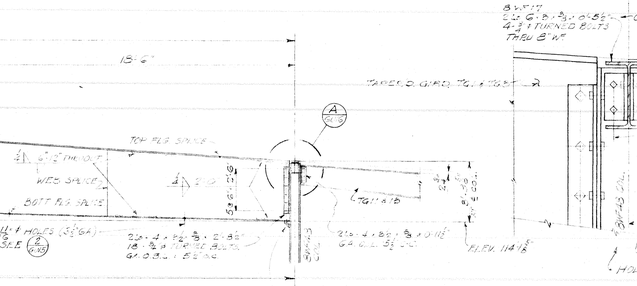
— UNIT - GU —
FRAMING SECTIONS & DETAILS
DATE PRINTED

JOB 547
SHEET GU-15
B.O. 47



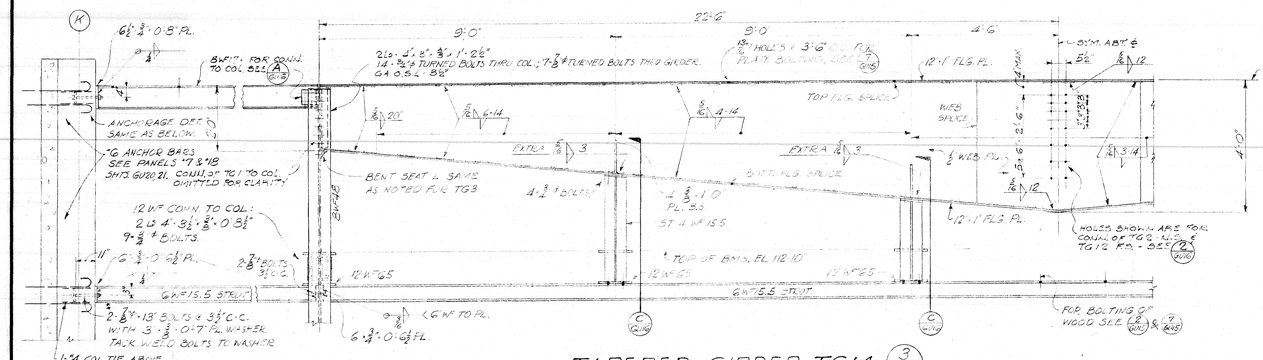
TAPERED GIRDERS TG3 SHOWN TG1 AS NOTED (LOOKING NORTH) 1/GU16

½" = 1'-0"



DETAIL A/GU16

1½" = 1'-0"



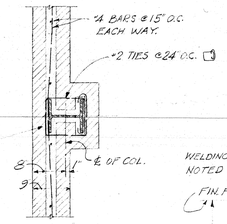
TAPERED GIRDER TG14 3/GU16

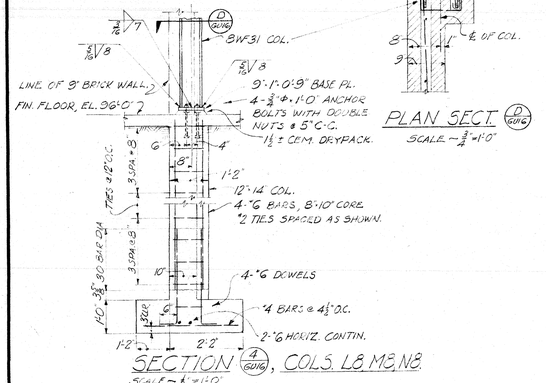
½" = 1'-0"

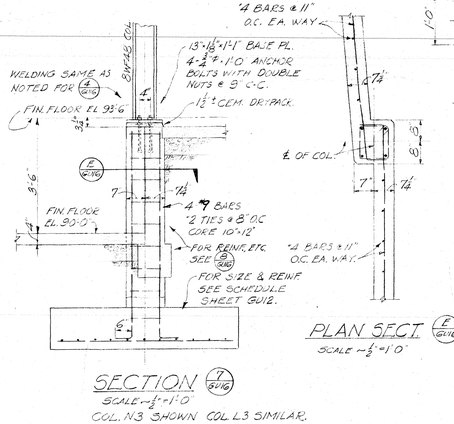
ALL PLATES EXCEPT WEB PLATES ½" THICK OR THICKER.

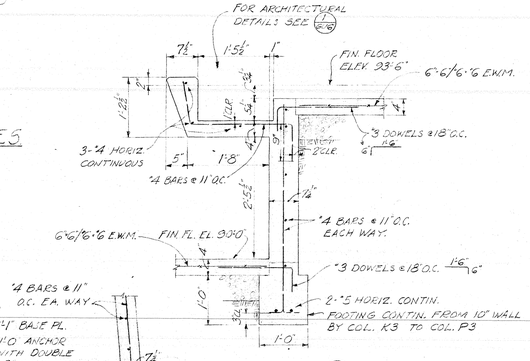
TYPICAL TAPERED GIRDER PLATE SPLICES

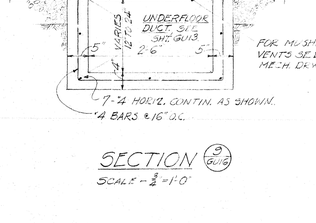
(WEB AND FLANGE PLS.)

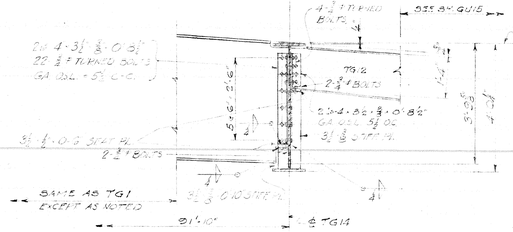






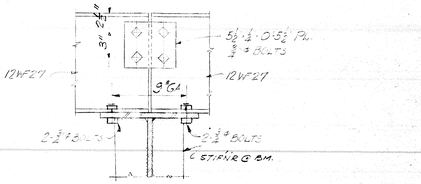






TAPERED GIRDER TG2 2/GU16

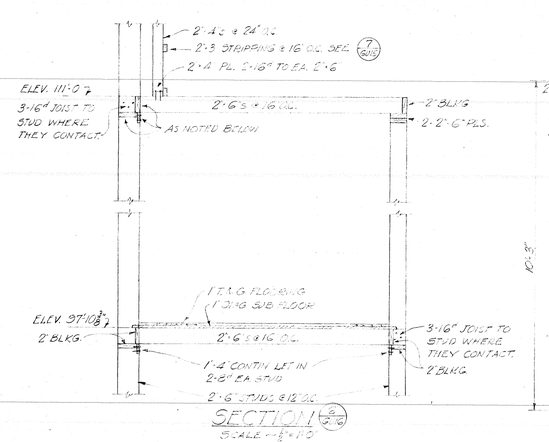
½" = 1'-0"

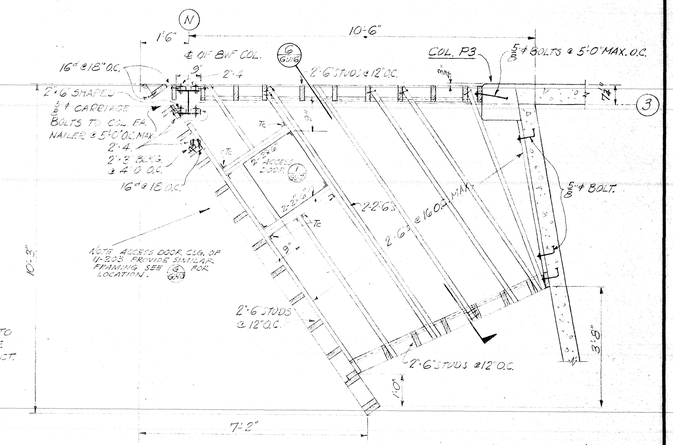


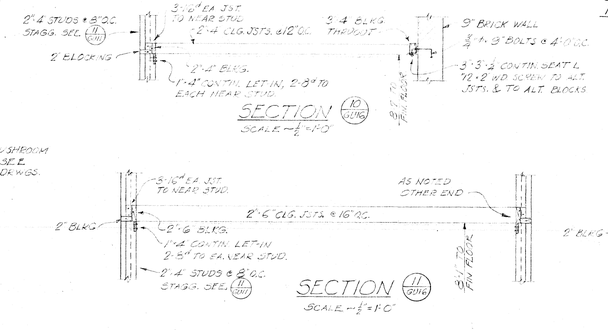
SECTION B/GU16

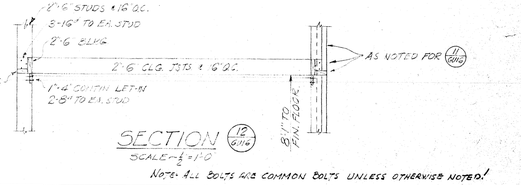
TYPICAL 12"WF PURLIN CONN.

SCALE ~ 1½" = 1'-0"









Note: ALL BOLTS ARE COMMON BOLTS UNLESS OTHERWISE NOTED!

EUGENE D. BIRNBAUM
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NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
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APPLICATION NO.
APPROVED
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JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

-UNIT-GU-
TAPERED GIRDER SECTIONS & DETAILS
DATE PRINTED

JOB 547
SHEET GU-16
B.O. 48

SECTION (1/GU17)

SECTION (2/GU17)

SECTION (3/GU17)

SECTION (4/GU17)
SCALE — 3/4" = 1'0"

DETAIL (7/GU17)

SECTION (5/GU17)

SECTION (6/GU17)

GRIDIRON FRAMING PLAN OVER PLATFORM U102
SCALE — 1/8" = 1'0"

BRACKET BK4
BRACKET BK3 SIMILAR
SECTION (8/GU17)

DETAIL (9/GU17)

DETAIL (10/GU17)

BRACKET BK2
BRACKET BK1 SIMILAR
SECTION (11/GU17)

SECTION (12/GU17)
SCALE — 3/4" = 1'0"

SECTION (13/GU17)
SCALE — 3/4" = 1'0"

SECTION (14/GU17)
SCALE — 3/4" = 1'0"

AT BRACKET BK2 AT BRACKET BK1
SECTIONS (15/GU17)

SECTION (16/GU17)
SCALE — 1/2" = 1'0"

SECTION (17/GU17)
SCALE — 1/2" = 1'0"

PART PLAN OF PLYWOOD SHEATHING
ROOF OF UNIT U (15/GU17)
SCALE — 3/8" = 1'0"

SECTION (18/GU17)
SCALE — 1/2" = 1'0"

SECTION (19/GU17)
SCALE — 1" = 1'0"

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PRESIDENT
MEMBER
ARCHITECT Wm. Glenn Balch
ENGINEER

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JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT — GU —
FRAMING OVER STAGE & MISC. FRAMING DETAILS
DATE PRINTED

JOB 547
SHEET GU-17
B.O. 47

NOTE: 5/8" ø CONN. BOLTS THRU FLANGE BETW. WALLS & ROOF/FLOOR TYP. STUDS @ OVERHANGS, TYP.

TYP. CONN. @ ALT. PURLINS TO TAPERED GIRDER: 3-3/4" ø BOLTS THRU RAFT., 1-3/4" ø BOLT TO GIRDER.

2"ø HOLES THRU WEB TO PASS U BAR COL. TIES

*5 BAR

WHERE WINDOWS OCCUR BEND HORIZ. WALL BARS AS INDICATED.

*4 DOWELS @ 15" O.C.

FOR COL REINF SEE SCHED. SHT. GU12

*4 BARS @ 15" O.C. EA. WAY.

PLAN OF TYP. UNIT "G" COL. (C/GU18)

SCALE ~ 3/8" = 1'-0"

16" @ 8'-0" O.C. TYP., 16" @ 5'-0" O.C. FROM COL. E3 TO H3 ONLY

2'-10" RAFTERS @ 24" O.C.

2"-10" SPLICE PC. AND 3/4" ø BOLTS SEE (B/GU21)

2" SOLID BLKG.

FLG. PL. SPLICE SEE SHT. GU16

1" DIAG. SHEATH.

WEB PL. SPLICE FOR DET. SEE SHT. GU16

FLANGE & WEB SPLICES TO BE STAGGERED AS SHOWN.

3"-8" PL. ON 1" MIN. CEM. DRYPACK. 3/4" ø x 1'-0" ANCHOR BOLTS @ 4'-0" O.C. EXCEPT WHERE OTHERWISE NOTED (SEE ELEVS. SHT. GU21)

2" CEM. DRYPACK.

FOR 3"-8" BOLTING TO STEEL GIRDER SEE (B/GU21)

2-*5 BARS WHERE SHOWN ON WALL ELEVATIONS, SEE SHT. GU21

2-3/4" x 1/4" STIFF PL. EA. SIDE.

2-3/4" ø x 1'-0" BOLTS

3"-3" x 1/4" x 0'-5 1/2" L, 3/4" ø BOLT THRU BLOCKING; 2-1/8" ø x 2 1/2" WD. SCREWS @ 4' C-C. TO PLATE.

OMIT ONE BLOCK AND 2'-4" TIE AT WINDOWS

3-8" EA. 1" x 6" TO BLOCKING.

3"-8" PL.

2"-10" BLKG. @ 4'-0" MAX. O.C.

2"-3" CLG. STRIPPING NOT SHOWN.

2'-4" TIE, *24 x 3 1/2" WD. SCREW TO EA. BLK.

3/4" ø x 1'-0" BOLTS @ 4'-0" O.C. EXCEPT WHERE OTHERWISE NOTED, SEE ELEVATIONS ON SHEET GU21.

14'-5" TO FIN. FLOOR

SECTION (4/GU18)

TYPICAL ANCHORAGE ASSEMBLY: TO OCCUR AT 4'-0" MAX. OC. BETWEEN TAPERED GIRDERS (5 ANCHORS PER BAY)

2"-10" x 2'-0" SPLICE PC. 4-1/6" ø EA. END.

4"-10" RIDGE RAFTER

2"-10" RAFTERS @ 24" O.C.

FLG. PL. SPLICE.

WEB PL. SPLICE

1/2" CAMBER

2-1/2" x 1/2" STIFFENER PL. EA SIDE

TAPERED GIRDERS TG4 TO TG10 INCLUSIVE AT 20'-0" C-C.

2"-3" CLG. STRIPPING NOT SHOWN

3"-8" CONTIN. PL.

AS NOTED OPPOSITE. 2-3/4" ø, 2 1/2" LAG SCREWS EA. MULLION

SEE OPP. END.

FOR 3"-8" BOLTING TO STEEL GIEDER SEE (B/GU21)

2 1/2" x 1/4" STIFF PL. EA. SIDE. AS NOTED OPPOSITE.

T 3"-3" x 7.8 WINDOW MULLIONS, SEE ARCH'S. DWGS. FOR SPACING.

2-*5 CONTIN. AT ALL SILLS

2-3/4" ø x 6" BOLTS EA. MULLION.

TYP 9" BRICK WALL REINF: *4 BARS @ 15" O.C. EA. WAY.

*3 DOWELS @ 18" OC

2-*5 CONTIN. HORIZ. BARS.

FIN. GRADE

2 COURSES MIN.

*4 VERT. BARS @ 18" O.C.

*4 VERT. BARS @ 15" O.C.

*4 HORIZ. BARS @ 18" OC. EA. FACE

*4 U DOWELS @ 18" O.C.

2-*5 HORIZ. CONTIN.

SEE PLAN

TYPICAL CROSS SECTION THRU BLDG. "G" LOOKING NORTH (1/GU18)

SCALE ~ 1/2" = 1'-0"

10'-0"

4" CONC. SLAB REINF. WITH 6"x6"/10 TO E.W.M.

2-*5 CONTIN. HORIZ. BARS

40 BAR DIA.

*4 DOWELS @ 15" O.C.

2" CLR.

*4 BARS @ 18" O.C. EA. WAY EA. FACE.

9"

*4 U DOWELS @ 18" O.C.

2-*5 HORIZ. CONTIN

SEE PLAN

*3 x 2'-9" DOWELS @ 18" O.C.

6" CRUSHED ROCK BED

4" CONC. SLAB REINF. WITH 6"x6"/6"x6" E.W.M.

SEE (1/GU18)

BEND ANCHOR BOLTS HORIZ. AT OPNGS.

*12 HORIZ. WIRE 7'-0" LONG EA. SIDE.

*12 WIRE TIES @ 8" O.C.

ST 4 WF 15.5

9"

SECTION (5/GU18)

OF AUDITORIUM.

1/2 OF TAPERED GIRDER

5 1/2", 4", 4", 5 1/2"

2"-10" x 3'-2" SPLICE PC. 3-3/4" ø BOLTS EA. SIDE

SECTION (B/GU18) TYP. FASCIA SPLICE FOR UNIT G

3"-1/2" x 0'-3" PL.

2" ø OPEN HOLE

TYP. DET. FOR TOP & BOTT OF WINDOW MULLIONS (D/GU18)

TYP. 9" BRICK WALL REINF: *4 BARS @ 15" OC. EA. WAY.

2 1/2" CLR.

ELEV. 107'-0"

4-*7 CONTIN.

*3 STIR. @ 16" O.C.

18"

2 1/2" CLR.

11"

2 1/2" CLR.

9"

HB1

HB2 SIMILAR

2-*5 HORIZ., SEE (2/GU18)

SECTION (3/GU18)

SCALE ~ 3/4" = 1'-0"

6" PRECAST PANEL "18

"7 DOWELS SEE (2/GU18)

HB1

COL. K8

PLAN SECTION (4/GU18)

DETAIL AT COL. P8 SIMILAR

SCALE ~ 1/2" = 1'-0"

K

5/GU18

4'-2" x 2'-8" OPENING

5"

ST 4 WF 15.5 x 5'-2" LONG.

1-1/2" ø x 1'-0" ANCHOR BOLT.

40 BAR DIA. TYPICAL.

3'-0" x 1'-6" OPNG.

5/GU21

9" BRICK WALL.

2'-9" x 4'-3" OPENING.

3/GU18

4'-6"

6"

2-*7 DOWELS TOP & BOTT.

*3 STIRR. @ 16" O.C.

2-*7 BARS.

4/GU18

PROVIDE 1-3/4" ø ANCHOR BOLT AT CENTER OF CLG. JST. TO WALL

1'-5" x 22'-9"

CONC. BM. HB1

B9

3'-4 DOWELS SEE (3/GU21)

FOR CEILING FRAMING BEYOND, SEE (C/GU18)

OPEN

DISPLAY CASE OPENING

1'-5" BAR, TYPICAL AT ALL SIDES OF ALL OPENINGS EXCEPT AS SHOWN.

40 BAR DIA TYP.

9" BRICK WALL

D/GU18

8WF31 COL.

30 DIA.

4'-0"

1'-5" DOWEL, TYPICAL.

4'-2" x 2'-8" OPENING

2'-4"

1'-5" BAR

8'-0" x 3'-4" OPENING.

FIN. 2ND FLOOR ELEV. 107'-0"

120"

FIN. FOYER FLOOR ELEV. 96'-0"

110"

SECTION (2/GU18)

SCALE ~ 3/8" = 1'-0"

A3 NOTED OTHER SIDE.

3'-0" x 1'-6" OPNG.

1'-5" BAR TYP.

3'-6" x 3'-0" ACCESS OPENING.

4'-2" x 2'-8" OPENING.

40 BAR DIA. TYPICAL.

9" BRICK WALL.

2'-9" x 4'-3" OPENING.

CONC. BM. HB2

1'-5" BAR

OPEN

9" BRICK WALL

8WF31 COL.

SCHOOL DISTRICT APPROVAL — DATE

PRESIDENT

MEMBER

ARCHITECT Balch Bryan Perkins Hutchason

ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 12538

APPROVED. FEB 24 1955

PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

—UNIT—GU—
STRUCTURAL SECTIONS

DATE PRINTED

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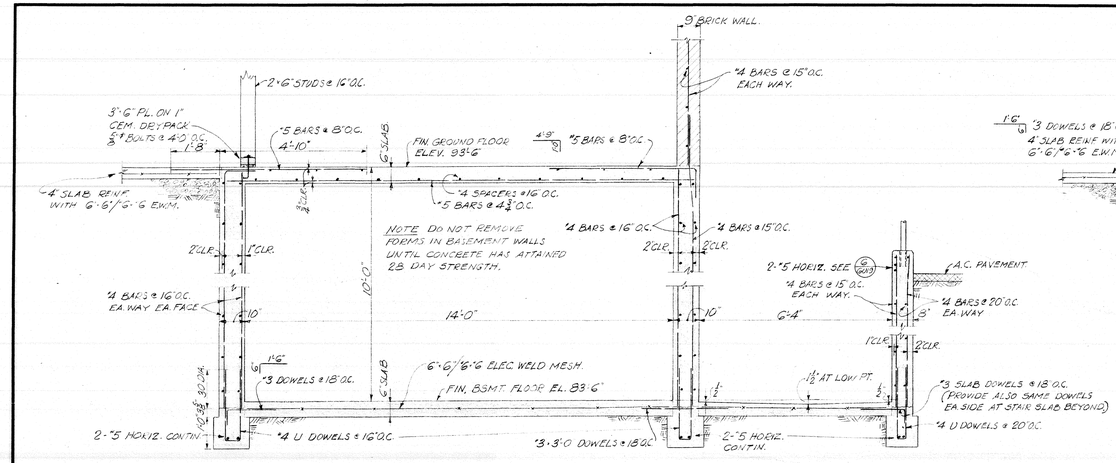
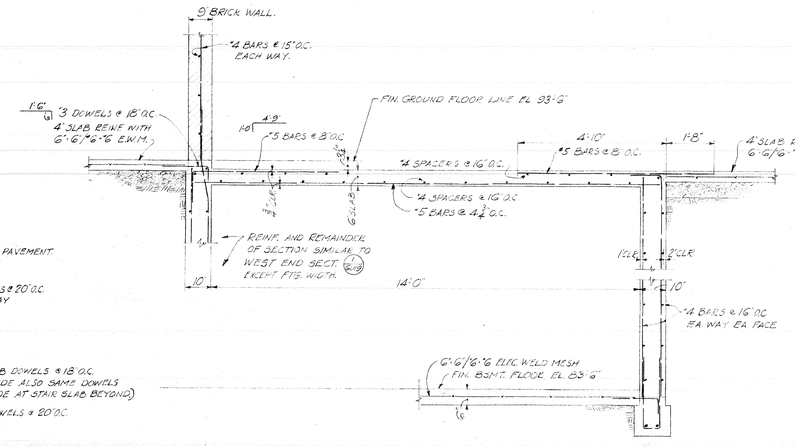
SHEET GU-18

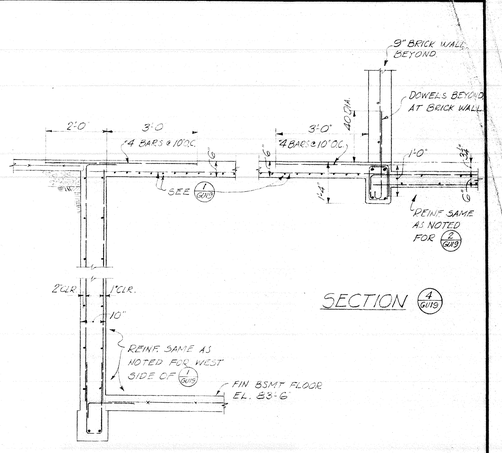
B.O. 50



SECTION (1/GU13)
SCALE ~ 1/2" = 1'-0"



SECTION (2/GU13)
SCALE ~ 1/2" = 1'-0"



SECTION (3/GU13)
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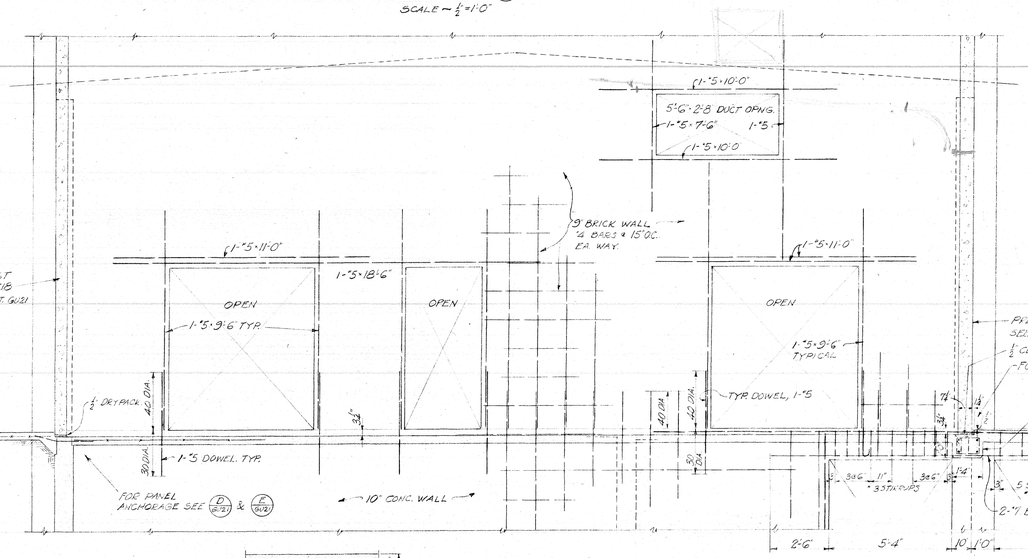
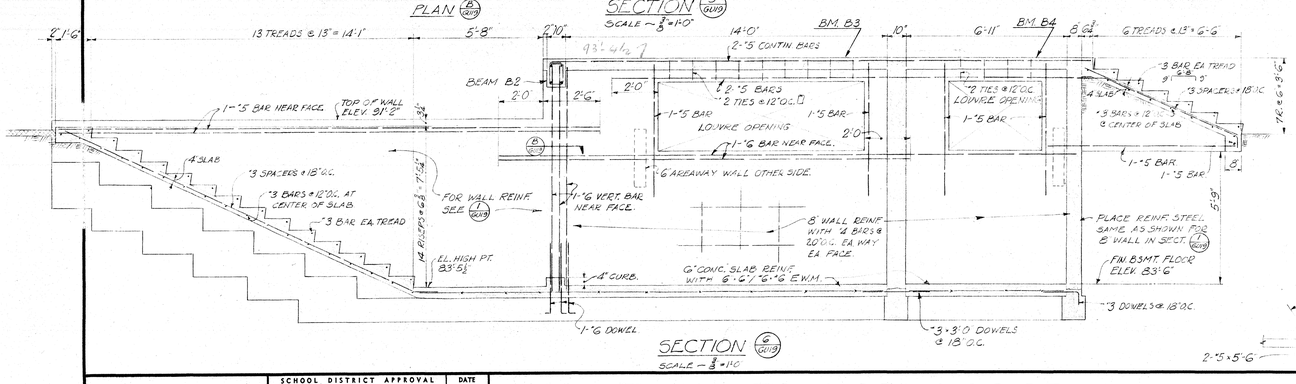
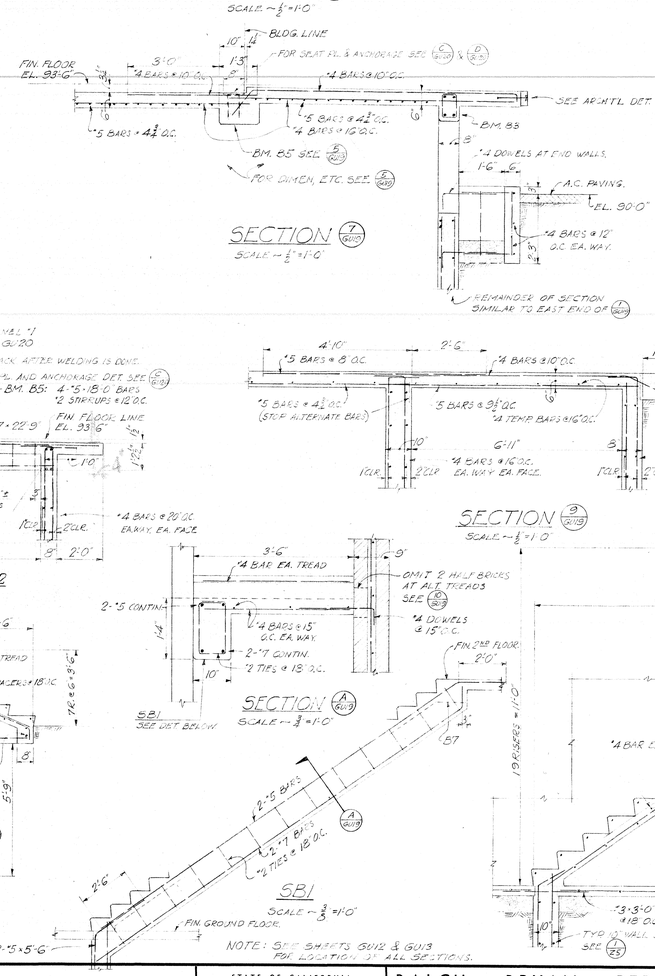


PLAN (2/GU13)

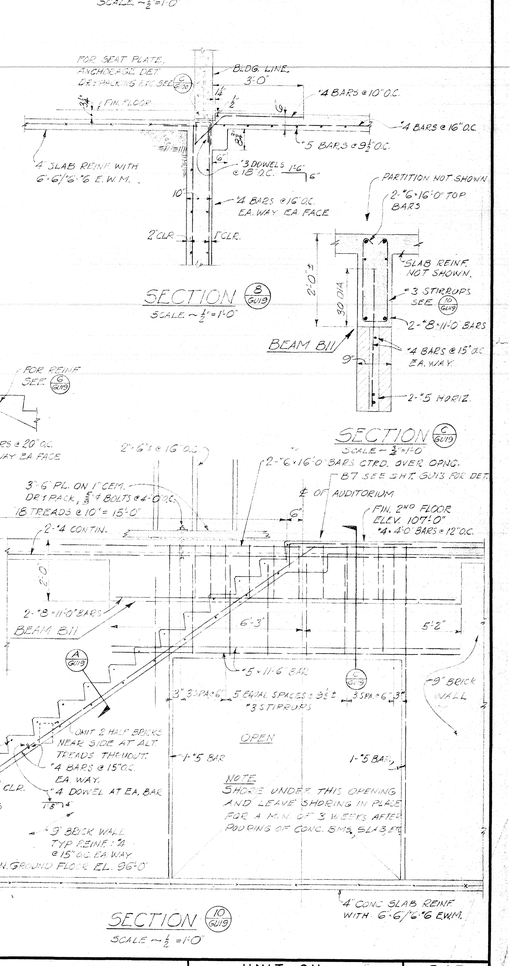
SECTION (5/GU13)
SCALE ~ 3/8" = 1'-0"



SECTION (6/GU13)
SCALE ~ 3/8" = 1'-0"



SECTION (7/GU13)
SCALE ~ 1/2" = 1'-0"



SECTION (9/GU13)
SCALE ~ 1/2" = 1'-0"

SECTION (2/GU13)
SCALE ~ 3/4" = 1'-0"

SECTION (A/GU13)
SCALE ~ 3/8" = 1'-0"

SB1
SCALE ~ 3/8" = 1'-0"

NOTE: SEE SHEETS GU12 & GU13 FOR LOCATION OF ALL SECTIONS.

SECTION (10/GU13)
SCALE ~ 1/2" = 1'-0"

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NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
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BASEMENT SECTIONS
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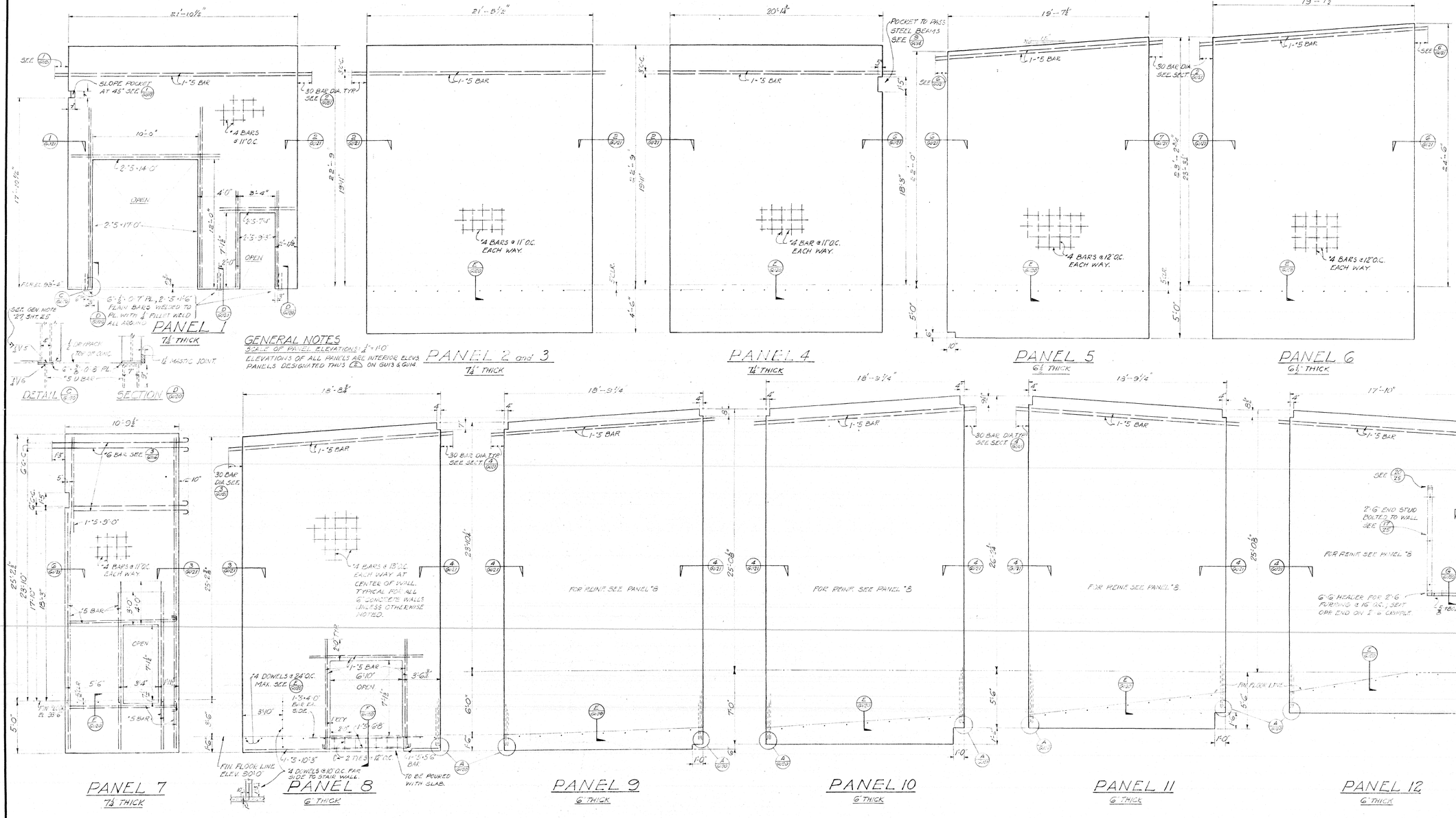
SHEET GU19
B.O. 57



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NORMANDY 3-9218

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PANEL DETAILS
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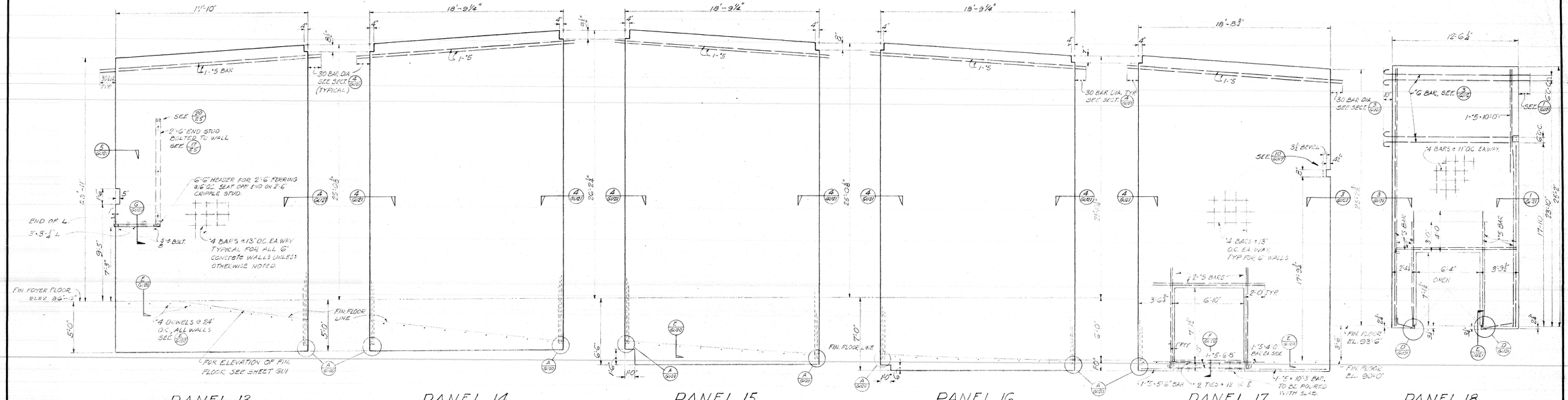
SHEET GU20
B.C. 52



PANEL 13

PANEL 14

PANEL 15

PANEL 16

PANEL 17

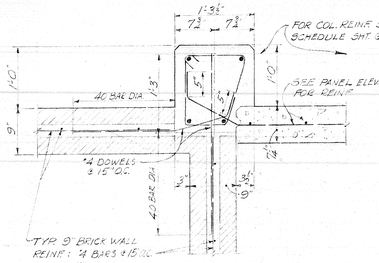
PANEL 18

7½" THICK.

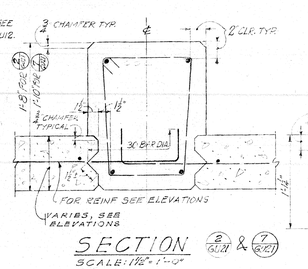
ALL PANELS ON THIS SHEET 6" THICK, EXCEPT PANEL 18

SCALE OF PANEL ELEVATIONS ~ ¼"=1'-0"

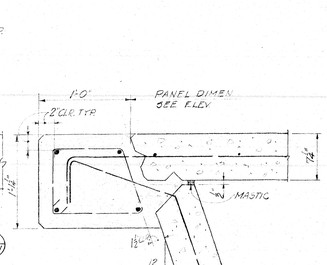
ELEVATIONS OF ALL PANELS ARE INTERIOR ELEVATIONS.



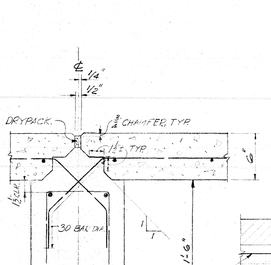
SECTION (1/GU21)
SCALE ~ 1"=1'-0"



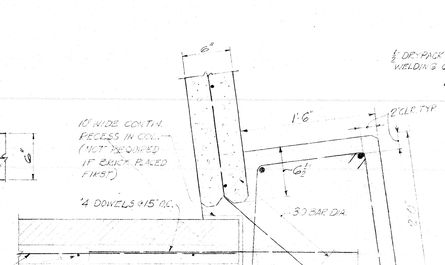
SECTION (2/GU21) & (7/GU21)
SCALE: 1½"=1'-0"



SECTION (3/GU21)
SCALE: 1½"=1'-0"

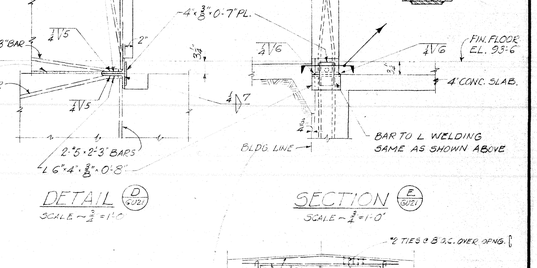


SECTION (4/GU21)
SCALE: 1½"=1'-0"



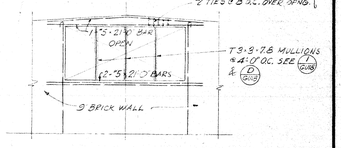
SECTION (5/GU21)
SCALE ~ ½"=1'-0"

NOTE: ALSO SEE (4/2S) FOR DOWELS FOR HORIZ. CONC. BEAM IN BRICK WALL.

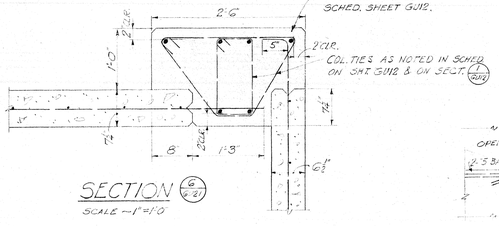


DETAIL (D/GU21)
SCALE ~ ½"=1'-0"

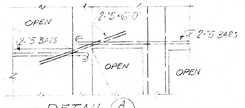
SECTION (E/GU21)
SCALE ~ ½"=1'-0"



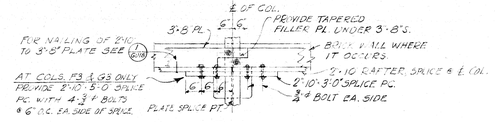
ELEVATION (6/GU21)
(NORTH ELEVATION OF UNIT G)
SCALE ~ ⅜"=1'-0"



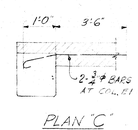
SECTION (G/GU21)
SCALE ~ 1"=1'-0"



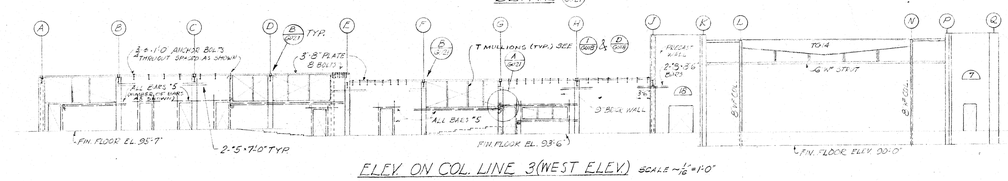
DETAIL (A/GU21)



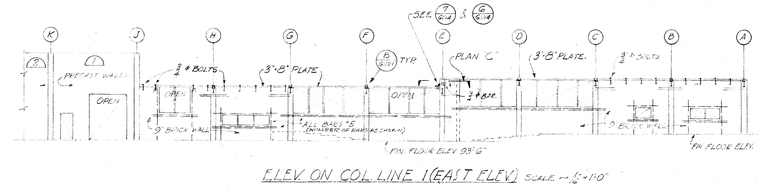
DET. (B/GU21) TYP PLATE SPLICE AND BOLTING DET. FOR UNIT 'G'



PLAN 'C'



ELEV. ON COL. LINE 3 (WEST ELEV.) SCALE ~ 1/16"=1'-0"



ELEV. ON COL. LINE 1 (EAST ELEV.) SCALE ~ 1/16"=1'-0"

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NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Balch Bryan Perkins Hutchason
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
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WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

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PRECAST WALL ELEVATIONS & DETAILS
DATE PRINTED

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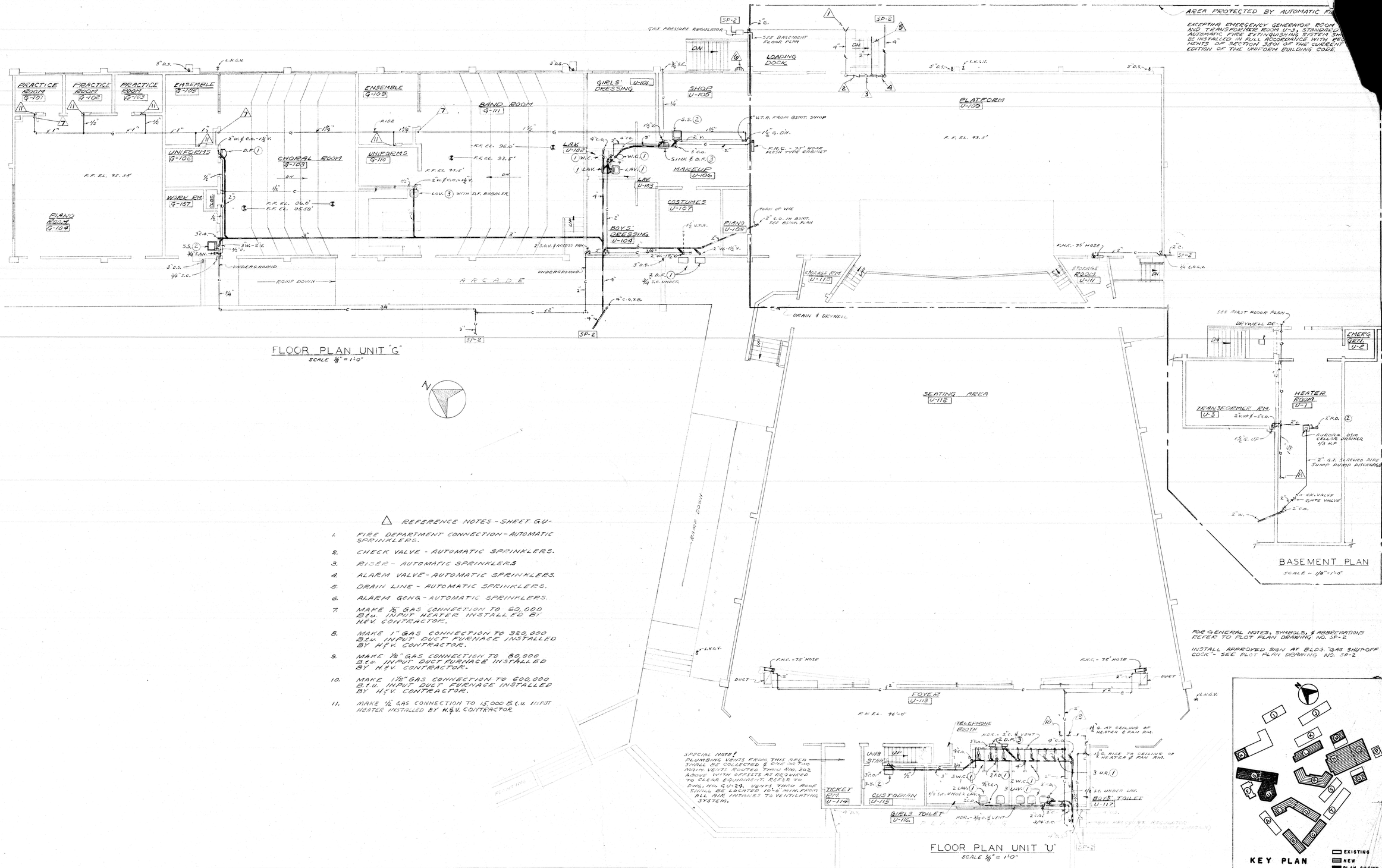
SHEET GU-21
B.O. 53



LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
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APPLICATION NO. 27859
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— UNIT-GU —
PLUMBING PLAN

DATE PRINTED

JOB 547
SHEET GU22
B.O. 54

H&V EQUIPMENT SCHEDULE

UNIT "A"	PAYNE PANELAIR FORCED AIR WALL HEATER MODEL 60. P.A.-S 60000 B.T.U. IN PKT. 2-1/2 H.P. 1/2 K.D.D.-MOTORS W/6 SPEED CONTROL
HEATER "B"	KAMMEL CIRCULAIR WALL HEATER MODEL C.P.-SR 12,000 BTU INPUT

PRACTICE RM. G-101 | PRACTICE RM. G-102 | PRACTICE RM. G-103

3 - HEATERS "B" 15 M.B.H. EACH

3" V.T.R. | 3" V.T.R. | 3" V.T.R.

4" ϕ V.T.R.

UNIT "A" 60 M.B.H. SEE HEATER DETAIL SH. B-3

PIANO ROOM G-104

ENSEMBLE G-105

HEATER'S (TYP.)

3" V.T.R.

UNIT "A" 60 M.B.H. SEE HEATER DETAIL SH. B-3

4" ϕ V.T.R.

UNIFORMS G-106

CLOS.

WORK ROOM G-107

CHORAL ROOM G-108

ENSEMBLE G-109

HEATER'S (TYP.)

3" V.T.R.

UNIT "A" 60 M.B.H. SEE HEATER DETAIL SH. B-3

4" ϕ V.T.R.

UNIFORM G-110

BAND ROOM G-111

SHOP U-105

GIRL'S DRESS. U-101

BOY'S DRESS. U-104

COSTUMES U-107

LAV. U-102

LAV. U-103

MAKE UP U-106

PIANO U-108

EXH. FANS NO. 2 & 3 1525 CFM EA.

16" "PW" C.F. 450 CFM

3/8"X10" E.D. THRU ROOF

16"X8" S.A.

9"X14" SPLIT

16" "PW" C.D. 450 CFM

14" "PW" C.D. 350 CFM

8"X18" S.A.

30"X28" E.D. UNDER

30"X28" E.D.

16"X18" OPNG. - 30"X30" E.D.

30"X32" E.D. THRU ROOF SEE SHT GU-24

16"X14" E.D.

12"X12" R.A.D.

4-00 CFM

30"X8" S.D.

30"X10" S.D.

16"X12" R.A.D. DN.

16"X16" E.D. UP

29"X18" S.D.

P.D.

P.B. & P.L. STATION SEE T.C. DIAGRAM

8" ϕ DN.

6" ϕ V.T.R.

28"X38" I.D. LINED R.A.D.

29"X48" R.A.G. 3700 CFM

39"X12" UNDER FLR. DUCT

48"X8" TOP

48"X16" BOT.

EXHAUST DUCT UNDER SEE SHEET GU-24

48"X22" S.D.

48"X16" S.D.

48"X10" S.D.

SMOKE VENT

SMOKE VENT

24" PW CEILING DIFFUSERS 2500 CFM EACH 3 REQUIRED

PLATFORM U-109

GRID BEAMS

STORAGE U-110

STORAGE U-111

39"X12" UNDER FLOOR DUCT

30"X12" UNDER-FLOOR DUCT

30"X24" UNDER-FLOOR DUCT

10" SIZE MUSHROOM VENTILATORS UNDER CENTER OF SEATS. 200 CFM RETURN AIR EACH. 88 TYPICAL IN SEATING AREA. THE HEAT & VENT CONTRACTOR SHALL FURNISH & INSTALL COMPLETE MUSHROOM VENTILATORS & MAKE CONNECTIONS TO UNDERFLOOR DUCTS. SEE TYPICAL DETAIL THIS SHEET.

SEATING AREA U-112

NOTES:

1. VERIFY EXACT LOCATIONS OF MUSHROOMS WITH FINIAL ARCHITECTURAL SEATING PLANS.
2. ALL UNDERFLOOR DUCTS INDICATED BY DASHED LINES ARE UNDER ANOTHER SECTION OF THE SPECIFICATIONS.

30"X24" R.A.D. UP — CONNECT TO UNDERFLOOR DUCT BY H.&V. CONTR.

30"X20" R.A.D. UP SEE SHT. GU-24 FOR CONTINUATION

FOYER U-113

30"X24" R.A.D. UP — CONNECT TO UNDERFLOOR DUCT BY H.&V. CONTR.

30"X20" R.A.D. UP SEE SHT. GU-24 FOR CONTINUATION

P.B. & P.L. STATION SEE T.C. DIAGRAM

8" ϕ DN.

6 ELEC WALL HTR 1000 WATTS BY ELEC. CONTR.

TICKET RM. U-114

CUSTODIAN U-115

14"X6" E.D. UP

BEAM B-6

DT's

GIRLS' TOILET U-116

BOYS' TOILET U-117

14"X8" E.D.

20"X8" E.D.

14"X8" L.D.

BEAM B-7

14"X5"

14"X11"

14"X16" E.D. UP

24"X18" E.D.

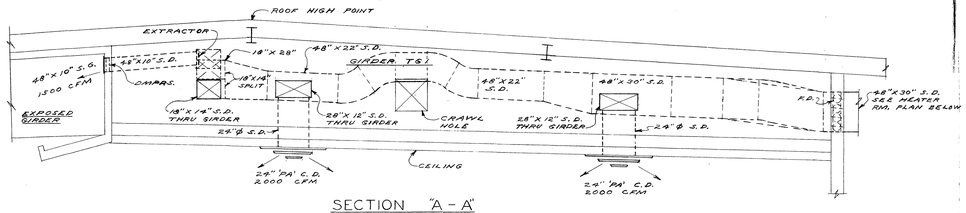
14"X8" E.D.

14"X6" E.D.

14"X8" E.D.

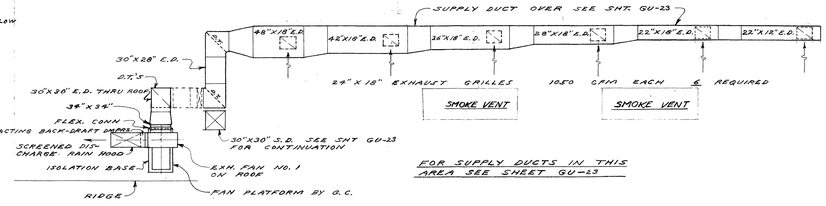
14"X8" E.D.

14"X8



SECTION "A-A"

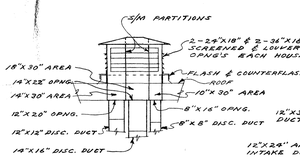
SCALE - 1/4" = 1'-0"



FOR SUPPLY DUCTS IN THIS AREA SEE SHEET GU-23

6"ø V.T.R. W/VENT CAP

PLATFORM
V-109



ELEVATION "E-E"

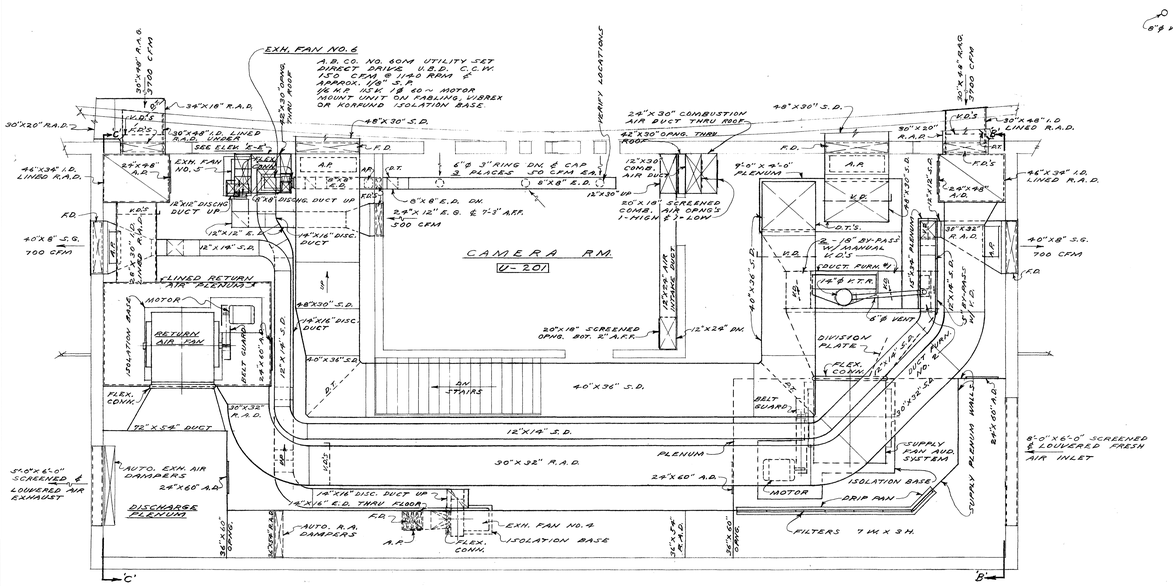
SCALE ~ 1/4" = 1'-0"

ELEVATION "D-D"

SCALE ~ 1/4" = 1'-0"

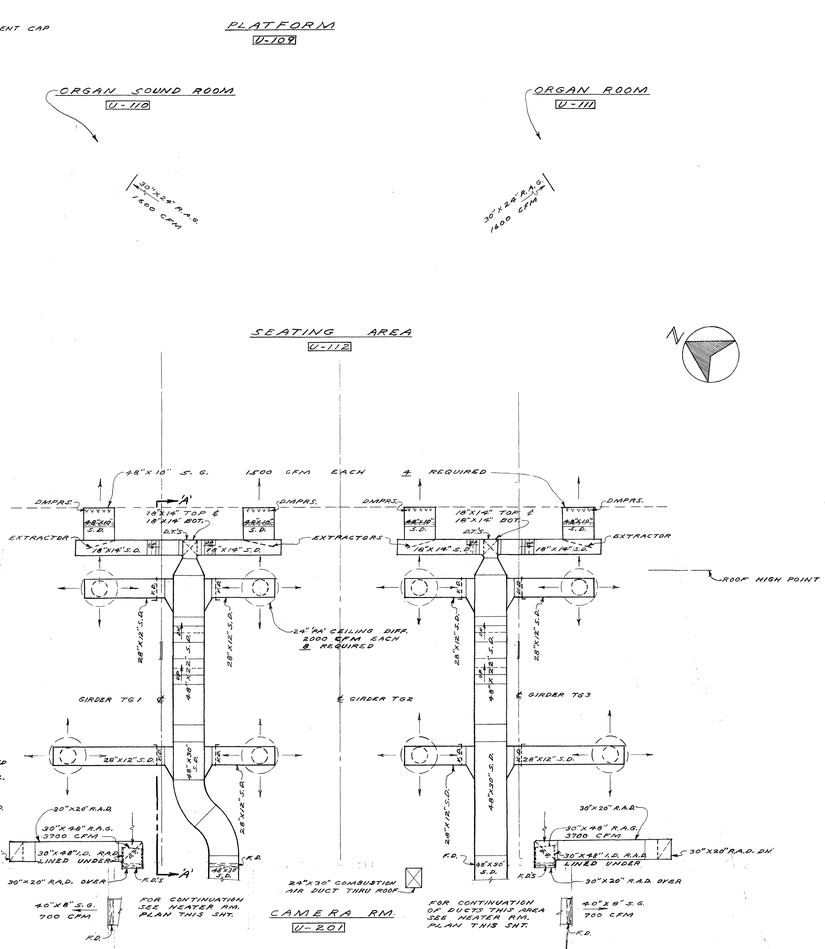
DUCT FURNACES

PLATFORM SYSTEM	HAYES NO. 320 SED-E 320,000 BTU INPUT & 256,000 BTU OUTPUT. FURNACE TO HAVE 36" HIGH STAND & MANUFACTURER'S 14" BY-PASS WITH MANUAL DAMPER.
NO. 1 AUD. SYSTEM	HAYES NO. 600 SED-E 600,000 BTU INPUT & 480,000 BTU OUTPUT FURNACE TO HAVE 30" HIGH STAND & 2- MANUFACTURERS 18" BY-PASS'S (1- RIGHT HAND & 1- LEFT HAND) W/ MANUAL DAMPERS.
NO. 2 AUD. SYSTEM	HAYES NO. 80 SED-E 80,000 BTU INPUT & 64,000 BTU OUTPUT. FURNACE TO HAVE 36" HIGH STAND & MANUFACTURERS 5" BY-PASS WITH MANUAL DAMPER.



HEATER & FAN ROOM PLAN

SCALE - 1/4" = 1'-0"

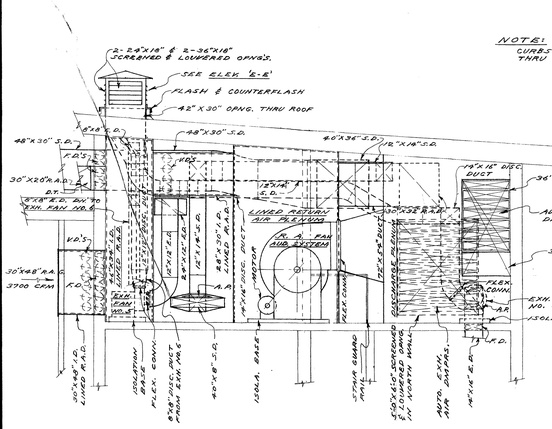


HEATER & FAN RM.

V-202

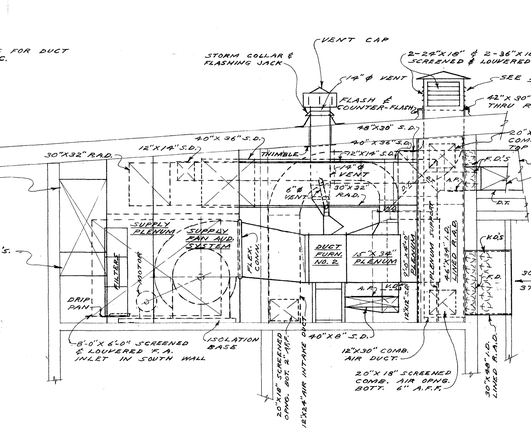
H. & V. EQUIPMENT SCHEDULE

UNIT "A"	PANELAIR FORCED AIR WALL HEATER MODEL 60 PA 2 60,000 BTU INPUT 2-180 W.F. 115 V. 60 ~ MOTORES 1/12-SPEED CONTROL.
SUPPLY FAN PLAT. SYSTEM	A.B.CO NO. 330 SIROCCO ARR. 3 D.I.D.W. T.H.D. C.C.W. 9,300 C.F.M. @ 671 RPM & 3/4" S.P. 3 H.P. 208 V. 3 Ø 60 ~ 1160 RPM. MOTOR A.C. VARI-PITCH 2S-144 5 5/8-1 44". MOUNT FAN & MOTOR ON FABLING, VIBREX OR KORFUND ISOLATION BASE.
SUPPLY FAN AUD. SYSTEM	A.B.CO. NO. 397 SIROCCO ARR. 3 D.I.D.W. T.H.D. C.C.W. 23,400 C.F.M. @ 207 RPM & 3/4" S.P. 5 H.P. 208 V. 3 Ø 60 ~ 870 RPM. MOTOR A.C. VARI-PITCH 2S-154 5 5/8-1 44". MOUNT FAN & MOTOR ON FABLING, VIBREX OR KORFUND ISOLATION BASE.
RETURN AIR FAN AUD. SYSTEM	A.B.CO. NO. 330 SIROCCO ARR. 3 D.I.D.W. T.H.D. C.C.W. 15,000 C.F.M. @ 214 RPM & 3/4" S.P. 3 H.P. 208 V. 3 Ø 60 ~ 870 RPM. MOTOR A.C. VARI-PITCH 2S-134 5 5/8-1 44". MOUNT FAN & MOTOR ON FABLING, VIBREX OR KORFUND ISOLATION BASE.
EXHAUST FAN NO. 1	A.B.CO. NO. 32009 UTILITY SET VARI-PITCH DRIVE 2 H.P. C.W. 7,400 C.F.M. @ 215 RPM & 1/4" S.P. 1/4 H.P. 208 V. 3 Ø 60 ~ MOTOR. PROVIDE MANUFACTURER'S WEATHERPROOF HOUSING OVER MOTOR & DRIVE. MOUNT UTILITY SET ON FABLING, VIBREX OR KORFUND ISOLATION BASE.
EXHAUST FAN NO. 2	BRYNE BLO-FAN NO. 206 JUNIOR 175 CFM. 38 WATT 115V 1Ø 60 ~ MOTOR.
EXHAUST FAN NO. 3	SAME AS EXHAUST FAN NO. 2.
EXHAUST FAN NO. 4	A.B. CO. NO. 12282 UTILITY SET. VARI-PITCH DRIVE 5 H.P. C.C.W. 1,500 CFM @ 530 RPM & 1/2" S.P. 1/4 H.P. 115 V. 1 Ø 60 V. MOTOR. MOUNT UTILITY SET ON FABLING, VIBREX OR KORFUND ISOLATION BASE.
EXHAUST FAN NO. 5	A.B. CO. NO. 9042 UTILITY SET. VARI-PITCH DRIVE U.B.D. C.C.W. 300 C.F.M. @ 635 RPM & 1/2" S.P. 1/6 H.P. 115 V. 1 Ø 60 ~ MOTOR. MOUNT UTILITY SET ON FABLING, VIBREX OR KORFUND ISOLATION BASE.



SECTION "C-C"

SCALE - 1/8" = 1'-0"



SECTION "B-B"

SCALE - 1/8" = 1'-0"

REFER TO DWG. Z-7 FOR TEMP. CONTROL DIAGRAMS

CEILING PLAN UNIT U

SCALE - 1/8" = 1'-0"

FILTERS

PLATFORM SYSTEM	8 FAR-AIR NO. 44 20"x20"x 2" 3 W. x 3H.
AUDITORIUM SYSTEM	21 FAR-AIR NO. 44 20"x20"x 2" 7 W. x 3H.

NOTE: PROVIDE AND INSTALL FIRE DAMPERS WHERE REQUIRED

LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

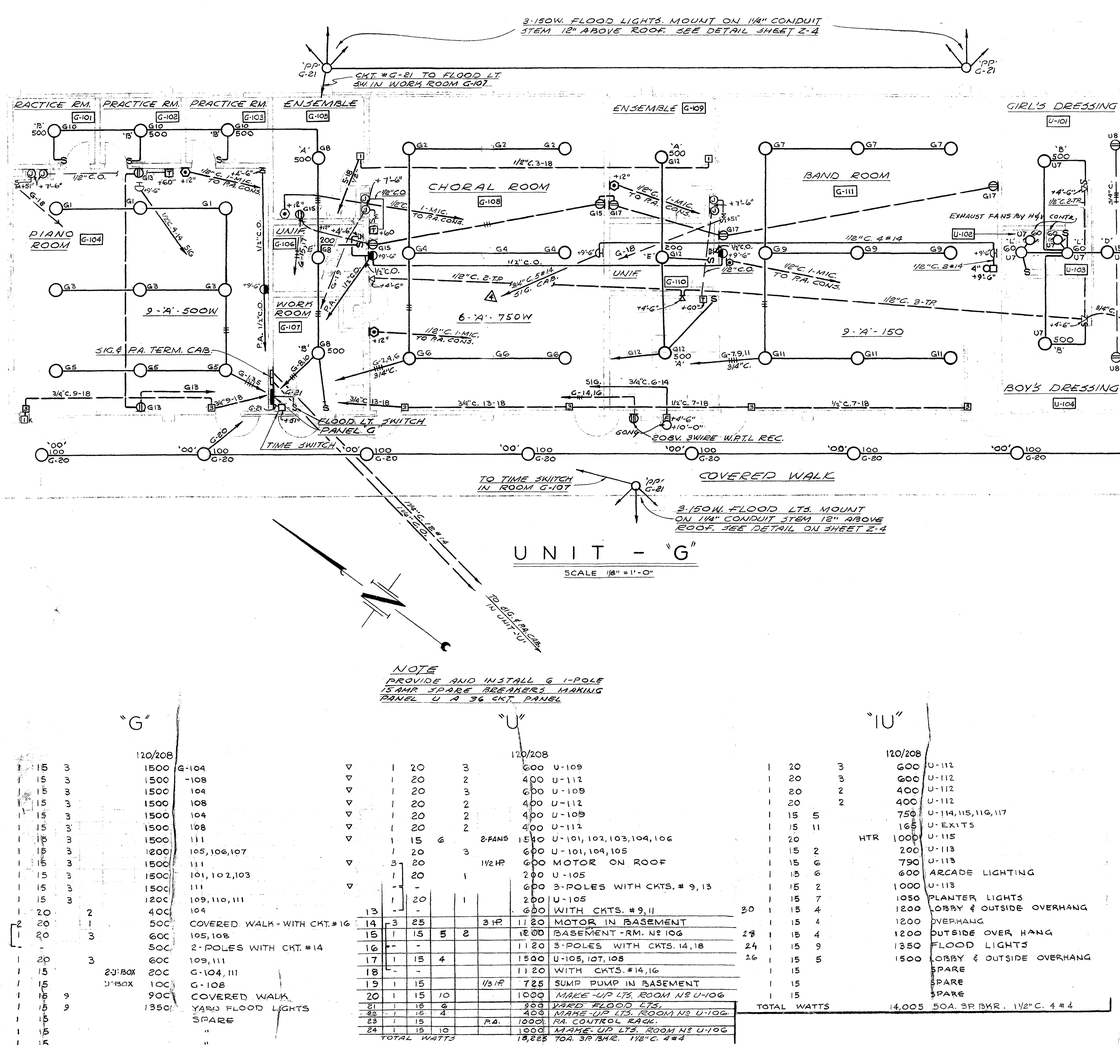
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

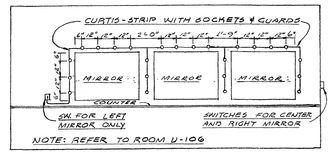
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 22538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

—UNIT-GU—
HEATING & VENTILATING
DATE PRINTED [redacted]

JOB 547
SHEET GU24
D.O. 56





MAKE-UP ROOM ELEVATION
SCALE 1/8" = 1'-0"

NOTE
PROVIDE AND INSTALL 6 1-POLE 15 AMP. TORRE BREAKERS MAKING PANEL U A 36 CKT. PANEL

"G"

				120/208							
1	15	3		1500	G-104	▽	1	20	3		600 U-109
1	15	3		1500	-108	▽	1	20	3		600 U-112
1	15	3		1500	104	▽	1	20	3		600 U-109
1	15	3		1500	108	▽	1	20	2		400 U-112
1	15	3		1500	104	▽	1	20	2		400 U-109
1	15	3		1500	108	▽	1	20	2		400 U-112
1	15	3		1500	111	▽	1	15	6	3-FANS	1540 U-101, 102, 103, 104, 106
1	15	3		1200	105, 106, 107		1	20	3		600 U-101, 104, 105
1	15	3		1500	111	▽	3	20		1½ HP	600 MOTOR ON ROOF
1	15	3		1500	101, 102, 103		1	20	1		280 U-113
1	15	3		1500	111	▽	-	-			600 3-POLES WITH CKTS. # 9, 13
1	15	3		1200	109, 110, 111		1	20	1		200 U-105
1	20		2	400	104		13	-			600 WITH CKTS. # 9, 11
2	20		1	500	COVERED WALK - WITH CKT. # 16		14	3	25	3 HP	1120 MOTOR IN BASEMENT
1	20		3	600	105, 108		15	1	15	5 2	1200 BASEMENT - RM. NO 106
-	-			500	2-POLES WITH CKT. #14		16	-	-		1120 3-POLES WITH CKTS. 14, 18
1	20		3	600	109, 111		17	1	15	4	1500 U-105, 107, 108
1	15		2@ BOX	200	G-104, 111		18	-	-		1120 WITH CKTS. #14, 16
1	15		3 BOX	100	G-108		19	1	15	1/3 HP	725 SUMP PUMP IN BASEMENT
1	15	9		900	COVERED WALK		20	1	15	10	1000 MAKE-UP LTS. ROOM NO U-106
1	15	9		1350	YARD FLOOD LIGHTS		21	1	15	6	900 YARD FLOOD LTS.
1	15				SPARE		22	1	15	4	400 MAKE-UP LTS. ROOM NO U-106
1	15				"		23	1	15	P.O.	1000 P.A. CONTROL RACK.
1	15				"		24	1	15	10	1000 MAKE-UP LTS. ROOM NO U-106
					TOTAL WATTS						15,225 70A. 3P BKR. 1¼" C. 4#8

"U"

				120/208							
1	20		3	600	U-109		1	20		3	600 U-112
1	20		3	600	U-112		1	20		3	600 U-112
1	20		2	400	U-112		1	20		2	400 U-112
1	20		2	400	U-112		1	15	5		750 U-114, 115, 116, 117
1	15	5		750	U-114, 115, 116, 117		1	15	11		165 U-EXITS
1	15	11		165	U-EXITS		1	20		HTR	1000 U-115
1	20		HTR	1000	U-115		1	15	2		200 U-113
1	15	2		200	U-113		1	15	6		790 U-113
1	15	6		790	U-113		1	15	6		600 ARCADE LIGHTING
1	15	6		600	ARCADE LIGHTING		1	15	2		1000 U-113
1	15	2		1000	U-113		1	15	7		1050 PLANTER LIGHTS
1	15	7		1050	PLANTER LIGHTS		1	15	4		1200 LOBBY & OUTSIDE OVERHANG
1	15	4		1200	LOBBY & OUTSIDE OVERHANG		1	15	4		1200 OVERHANG
1	15	4		1200	OVERHANG		1	15	4		1200 OUTSIDE OVER HANG
1	15	9		1350	OUTSIDE OVER HANG		1	15	9		1350 FLOOD LIGHTS
1	15	5		1500	FLOOD LIGHTS		1	15	5		1500 LOBBY & OUTSIDE OVERHANG
	15				LOBBY & OUTSIDE OVERHANG			15			SPARE
	15				SPARE			15			SPARE
	15				SPARE			15			SPARE
					TOTAL WATTS						14,005 50A. 3P BKR. 1¼" C. 4#4

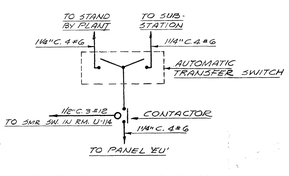
"EU"

			120/208		
1	15	11	165	EXITS	
1	15	11	160	AISLE	
1	15	12	720	AISLE	
1	15	1	100	STAGE SWBD.	
1	15	11	1100	AUDITORIUM SEATING AREA	
1	15	4	100	EXIT LIGHTS IN UNIT "R"	
1	15			SPARE	
1	15			SPARE	
				TOTAL WATTS	1,845 50A. 3P BKR. 1¼" C. 4#6

TOTAL WATTS 22,550 70A. 3P BKR. 2" C. 4#2

FEEDERS TO AUTO-TRANSFER SWITCH - STAND-BY PLANT

NOTE:
1. PROVIDE IN PANEL 'EU' A 2 POLE, SIZE 1, MECHANICALLY HELD CONTACTOR ON MAIN BUSSES OF PANEL.
2. ▽ INDICATES LOW VOLTAGE RELAY
3. PROVIDE POWER PACK IN PANELS WITH LOW VOLTAGE RELAYS



EMERGENCY LIGHTING DIAGRAM

THIS △ SYMBOL INDICATES AS BUILT CORRECTIONS △ TO △ INCLUSIVE

EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2944
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
[redacted] 1-4288

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

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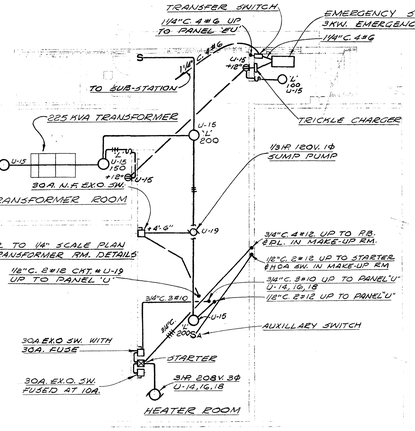
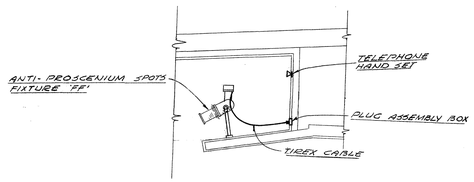
—UNIT-GU—
FIRST FLOOR PLAN
ELECTRICAL
DATE PRINTED [redacted]

JOB 547
SHEET GU25
B.O. 57



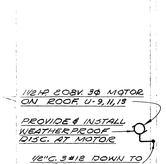
BASEMENT FLOOR PLAN

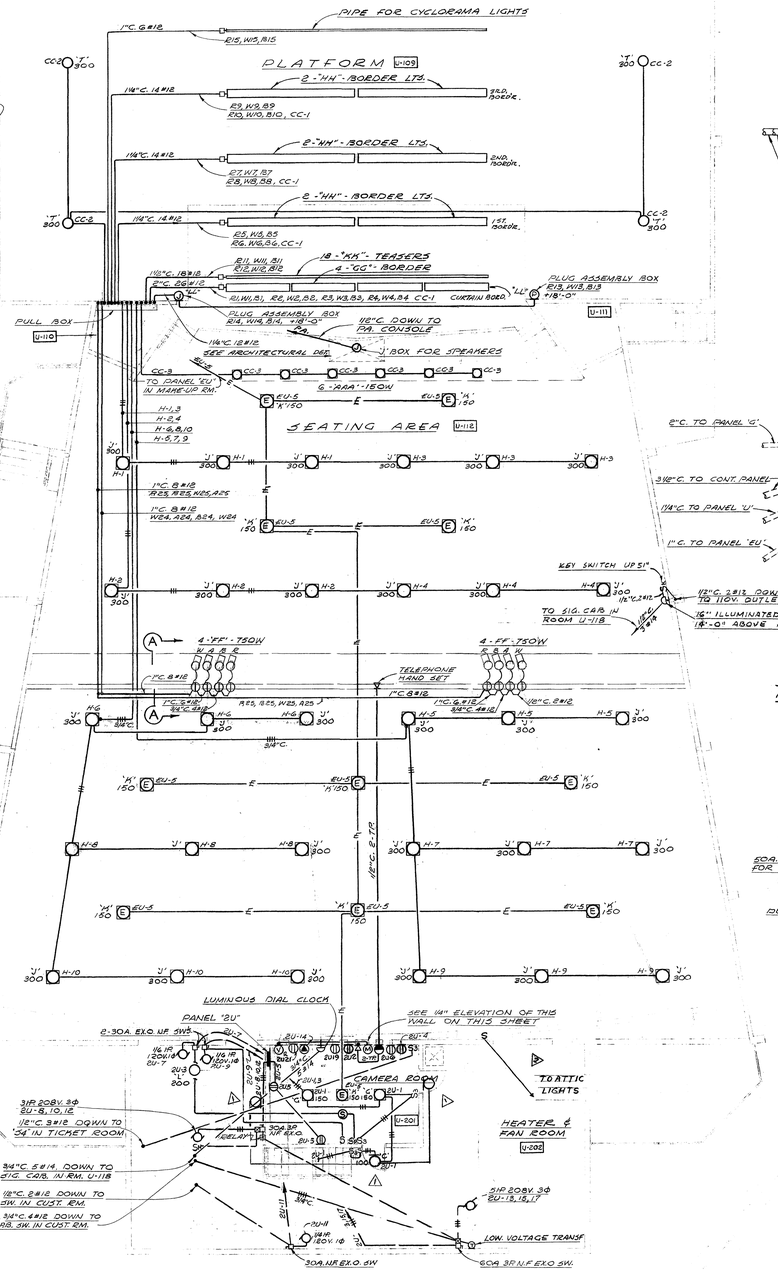
SCALE 1/8" = 1'-0"



SECTION - AA

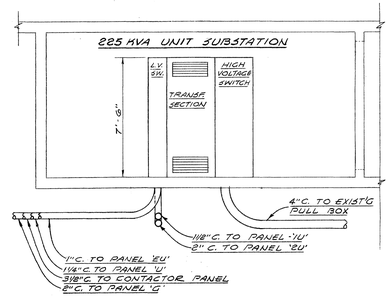
					"2U"
				208	
1	15	4		500	CAMERA RM., NTR. RM, STAIRWAY
1	20		1	1650	CAMERA ROOM
1	15	4		800	HEATER & FAN ROOM
1	20		1	1650	CAMERA ROOM
1	20		2	600	CAMERA ROOM
1	20		1	1500	CAMERA ROOM
1	15		½ HP.	400	HEATER & FAN ROOM.
3	25		3 HP.	1120	HTR. & FAN RM. WITH CKTS #10, 12
1	15		½ HP.	400	HEATER & FAN ROOM.
-	-		-	1120	3-POLES WITH CKTS. # 8, 12
1	15		¼ HP.	575	HEATER & FAN ROOM
-	-		-	1120	WITH CKTS # 8, 10
3	50		5 HP.	1920	HTR. & FAN RM. WITH CKTS #15, 17
1	50		1	5000	CAMERA RM. - FOLLOW SPOT
-	-		-	1920	3 POLES WITH CKTS. #13, 17
2	30				SPARE - FUTURE RECTIFIER
-	-			1920	WITH CKTS. # 13, 15
-	-				SPARE WITH CKT. # 16 (2P)
1	20		1	1500	CAMERA ROOM
1	20				SPARE
1	20		1	1500	CAMERA ROOM
1	20				SPARE
1	20				SPARE
1	20				SPARE
TOTAL WATTS				25,195	125A. 3P. 1PHR. 2½"C. 4 #8/0



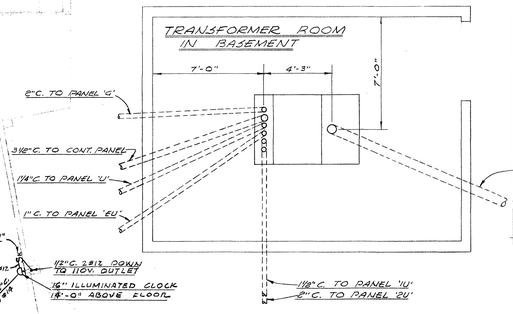


SECOND FLOOR PLAN
UNIT - U AUDITORIUM

SCALE 1/8" = 1'-0"

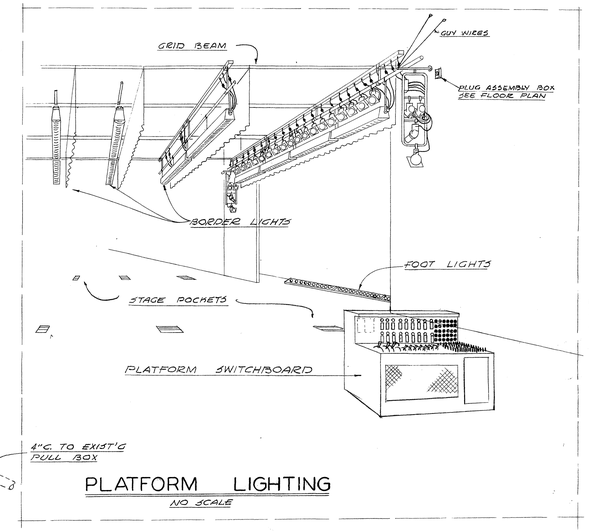


ELEVATION



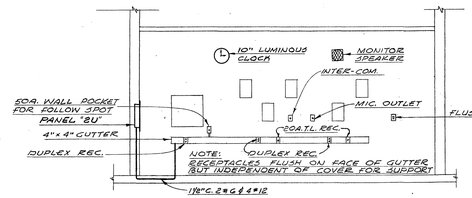
PLAN
TRANSFORMER ROOM DETAILS
UNIT - SUBSTATION NO 5

SCALE 1/4" = 1'-0"



PLATFORM LIGHTING

NO SCALE



EAST ELEVATION OF CAMERA ROOM U-201

SCALE 1/4" = 1'-0"

NOTE: PROJECTOR RECEPTACLES AND PROJECTOR EXHAUST FAN ON ONE SWITCH WITH PILOT LIGHT

THIS △ SYMBOL INDICATES AS BUILT CORRECTIONS △ TO △ INCLUSIVE

		600 A. 3-POLE	MAIN BREAKER
		300 A. 3-POLE	CONTACTOR PANEL
PANEL 'EU'	20A 1P	T.O.A. 3P.	PANEL 'G'
PANEL 'U'	50A. 3P.	50A. 3P.	PANEL 'U'
	125 A. 3P. BREAKER	PANEL 'EU'	
	SPACE		

LOW VOLTAGE SECTION END ELEVATION

SCALE 1/8" = 1'-0"

EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2964
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
NO-body 3-4288

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

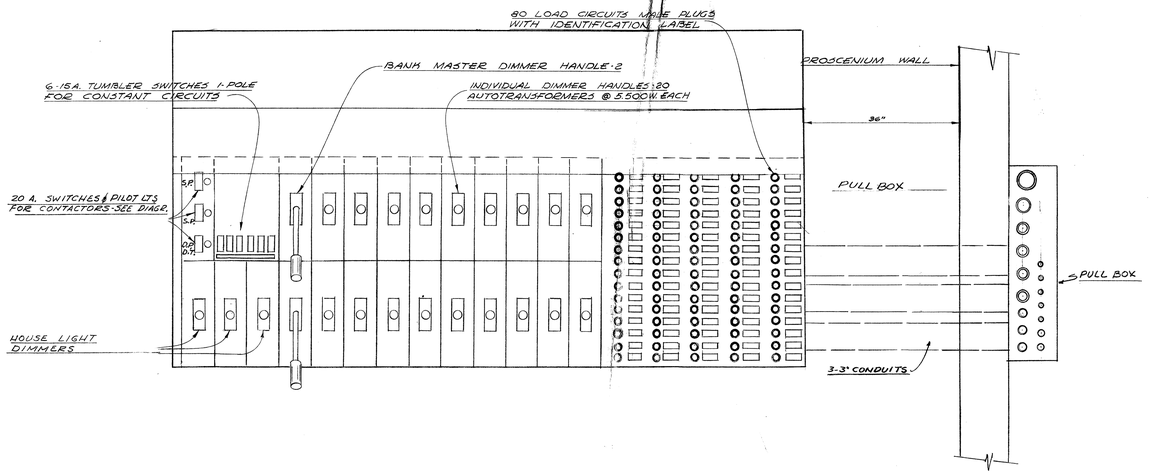
BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

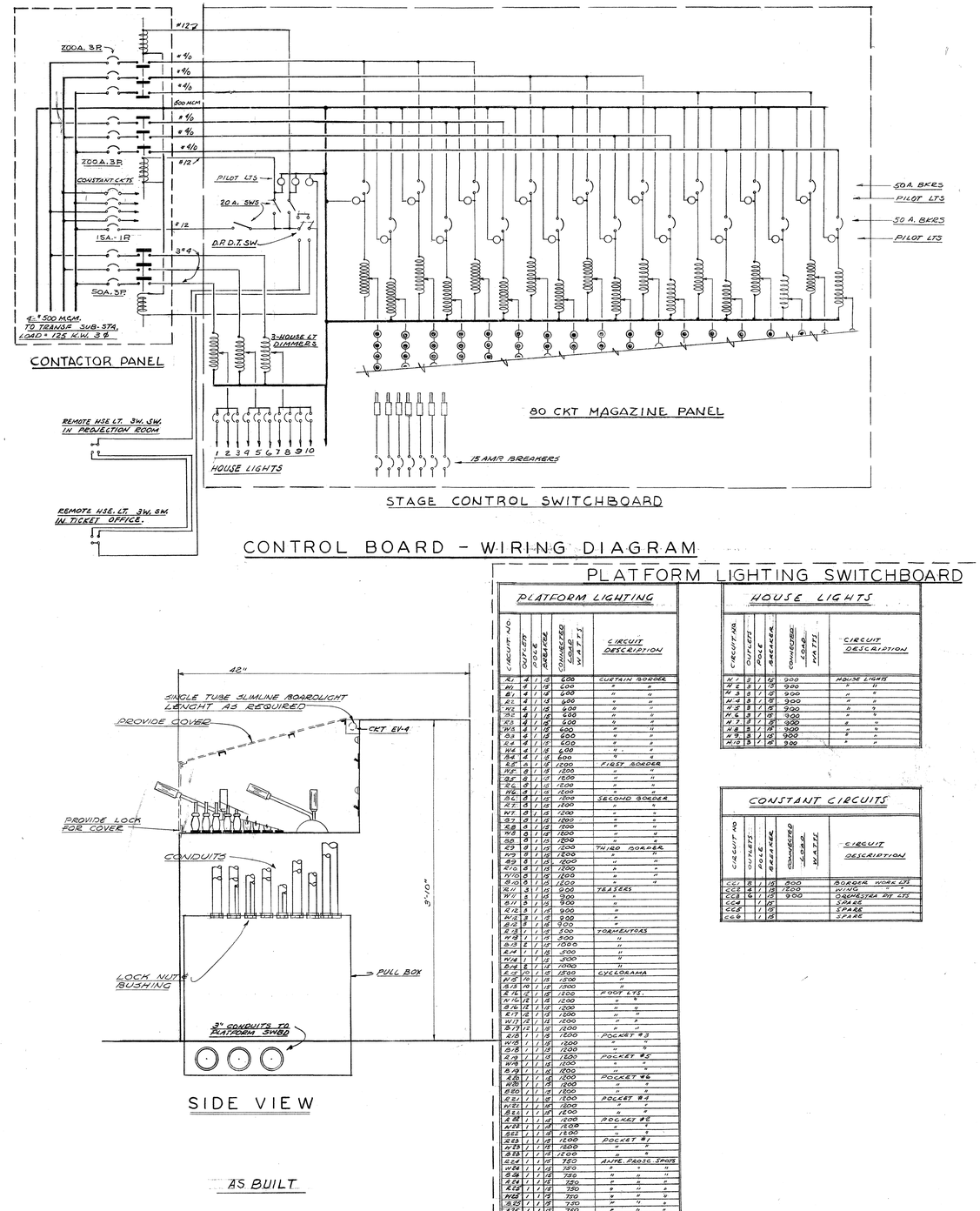
— UNIT-GU —
2ND FLOOR PLAN & ELECTRICAL DETAILS

DATE PRINTED

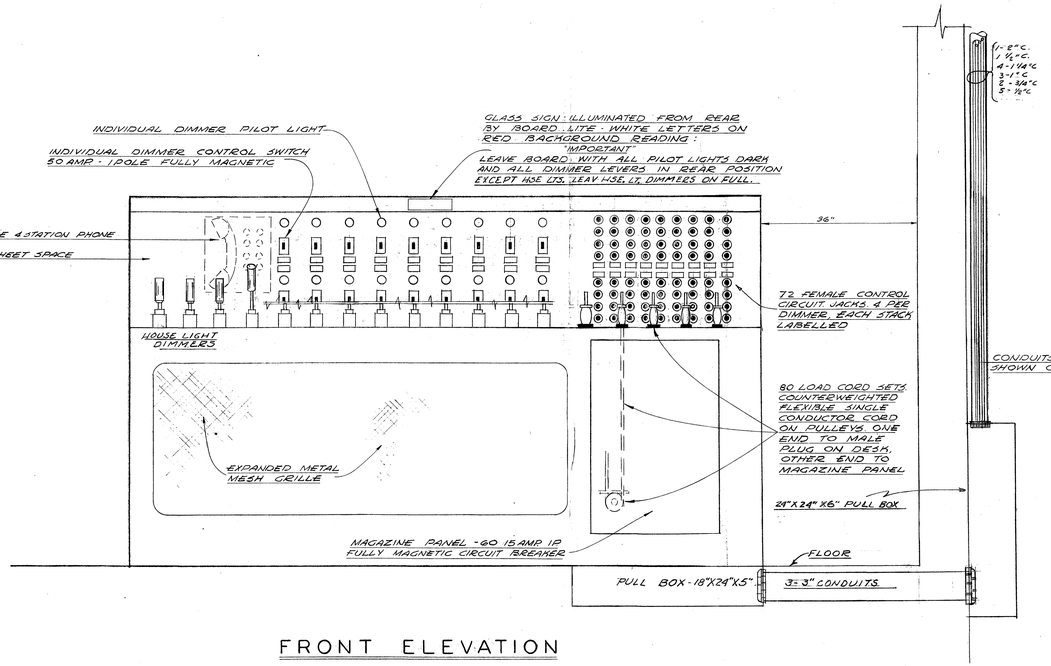
JOB 547
SHEET GU26
D.O. 58



PLAN VIEW



CONTROL BOARD - WIRING DIAGRAM



FRONT ELEVATION

SCALE - 1½" = 1'-0"

SIDE VIEW

AS BUILT

PLATFORM LIGHTING SWITCHBOARD

PLATFORM LIGHTING

CIRCUIT NO	OUTLETS	POLE	AMPERAGE	CONNECTED LOAD WATTS	CIRCUIT DESCRIPTION
R1	4	1	15	600	CURTAIN BORDER
W1	4	1	15	600	" "
B1	4	1	15	600	" "
R2	4	1	15	600	" "
W2	4	1	15	600	" "
B2	4	1	15	600	" "
R3	4	1	15	600	" "
W3	4	1	15	600	" "
B3	4	1	15	600	" "
R4	4	1	15	600	" "
W4	4	1	15	600	" "
B4	4	1	15	600	" "
R5	8	1	15	1200	FIRST BORDER
W5	8	1	15	1200	" "
B5	8	1	15	1200	" "
R6	8	1	15	1200	" "
W6	8	1	15	1200	" "
B6	8	1	15	1200	SECOND BORDER
R7	8	1	15	1200	" "
W7	8	1	15	1200	" "
B7	8	1	15	1200	" "
R8	8	1	15	1200	" "
W8	8	1	15	1200	" "
B8	8	1	15	1200	" "
R9	8	1	15	1200	THIRD BORDER
W9	8	1	15	1200	" "
B9	8	1	15	1200	" "
R10	8	1	15	1200	" "
W10	8	1	15	1200	" "
B10	8	1	15	1200	" "
R11	3	1	15	900	TEASERS
W11	3	1	15	900	"
B11	3	1	15	900	"
R12	3	1	15	900	"
W12	3	1	15	900	"
B12	3	1	15	900	"
R13	1	1	15	300	TORMENTORS
W13	1	1	15	300	"
B13	1	1	15	300	"
R14	1	1	15	500	"
W14	1	1	15	500	"
B14	1	1	15	500	"
R15	10	1	15	1000	"
W15	10	1	15	1200	CYCLORAMA
B15	10	1	15	1200	"
R16	10	1	15	1500	"
W16	10	1	15	1500	"
B16	10	1	15	1500	"
R17	12	1	15	1200	FOOT LTS.
W17	12	1	15	1200	" "
B17	12	1	15	1200	" "
R18	12	1	15	1200	" "
W18	12	1	15	1200	" "
B18	12	1	15	1200	" "
R19	1	1	15	1200	POCKET #3
W19	1	1	15	1200	" "
B19	1	1	15	1200	" "
R20	1	1	15	1200	POCKET #5
W20	1	1	15	1200	" "
B20	1	1	15	1200	" "
R21	1	1	15	1200	POCKET #6
W21	1	1	15	1200	" "
B21	1	1	15	1200	" "
R22	1	1	15	1200	POCKET #4
W22	1	1	15	1200	" "
B22	1	1	15	1200	" "
R23	1	1	15	1200	POCKET #2
W23	1	1	15	1200	" "
B23	1	1	15	1200	" "
R24	1	1	15	1200	POCKET #1
W24	1	1	15	1200	" "
B24	1	1	15	1200	" "
R25	1	1	15	750	AISLE PROJ. SPOTS
W25	1	1	15	750	" "
B25	1	1	15	750	" "
R26	1	1	15	750	" "
W26	1	1	15	750	" "
B26	1	1	15	750	" "
R27	1	1	15	750	" "
W27	1	1	15	750	" "
B27	1	1	15	750	" "
R28	1	1	15	750	" "
		1	15		SPARE
		1	15		"
		1	15		"

HOUSE LIGHTS

CIRCUIT NO	OUTLETS	POLE	AMPERAGE	CONNECTED LOAD WATTS	CIRCUIT DESCRIPTION
H 1	2	1	15	900	HOUSE LIGHTS
H 2	3	1	15	900	" "
H 3	3	1	15	900	" "
H 4	3	1	15	900	" "
H 5	3	1	15	900	" "
H 6	3	1	15	900	" "
H 7	3	1	15	900	" "
H 8	3	1	15	900	" "
H 9	3	1	15	900	" "
H 10	3	1	15	900	" "

CONSTANT CIRCUITS

CIRCUIT NO	OUTLETS	POLE	AMPERAGE	CONNECTED LOAD WATTS	CIRCUIT DESCRIPTION
CC1	8	1	15	900	BORDER WORK LTS
CC2	4	1	15	1200	WING
CC3	6	1	15	900	ORCHESTRA PIT LTS
CC4		1	15		SPARE
CC5		1	15		SPARE
CC6		1	15		SPARE

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Normandy 1-4288
Edw. C. Sylvanus

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Balch Bryan Perkins Hutchason
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

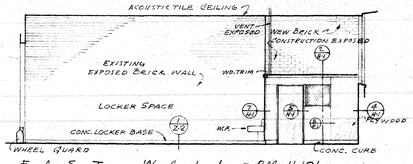
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12598
APPROVED E. Wray FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

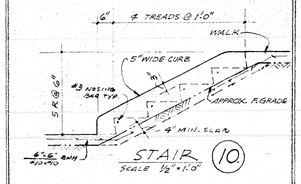
— UNIT - GU —
STAGE SWITCHBOARD DETAILS & WIRING DIAGRAMS
DATE PRINTED

JOB 547
SHEET GU27
B.O. 59



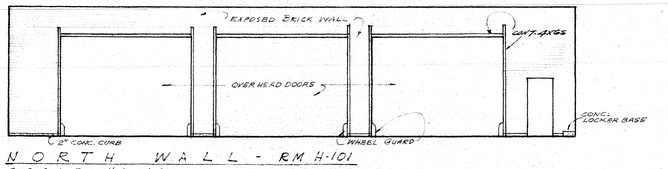
EAST WALL - RM H-101

SCALE - 1/8" = 1'-0"



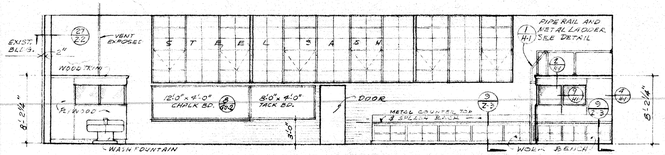
STAIR (10)

SCALE 1/2" = 1'-0"



NORTH WALL - RM H-101

SCALE - 1/8" = 1'-0"



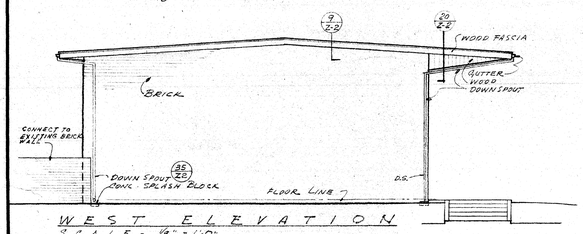
SOUTH WALL RM H-101

SCALE - 1/8" = 1'-0"

INTERIOR ELEVATIONS UNIT "H"

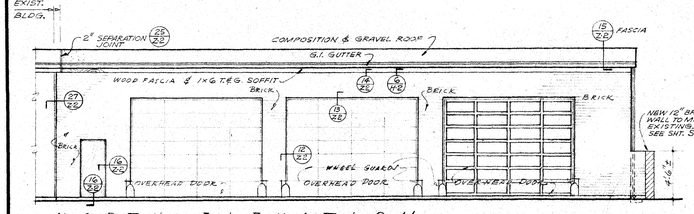
SOUTH ELEVATION UNIT 'H'

SCALE - 1/8" = 1'-0"



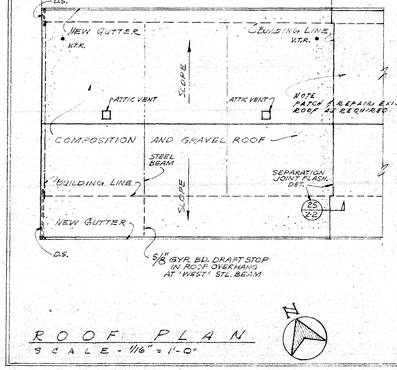
WEST ELEVATION

SCALE - 1/8" = 1'-0"



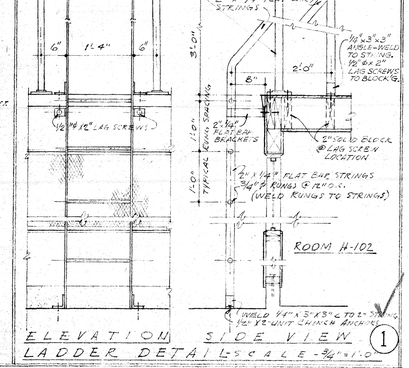
NORTH ELEVATION

SCALE - 1/8" = 1'-0"



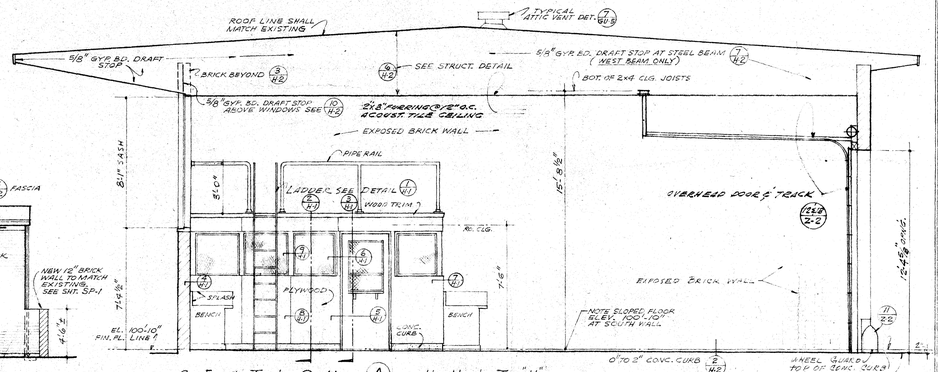
ROOF PLAN

SCALE - 1/16" = 1'-0"



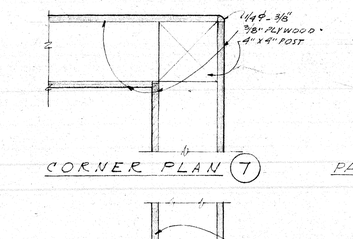
ELEVATION SIDE VIEW (1)

LADDER DETAILS SCALE - 3/4" = 1'-0"



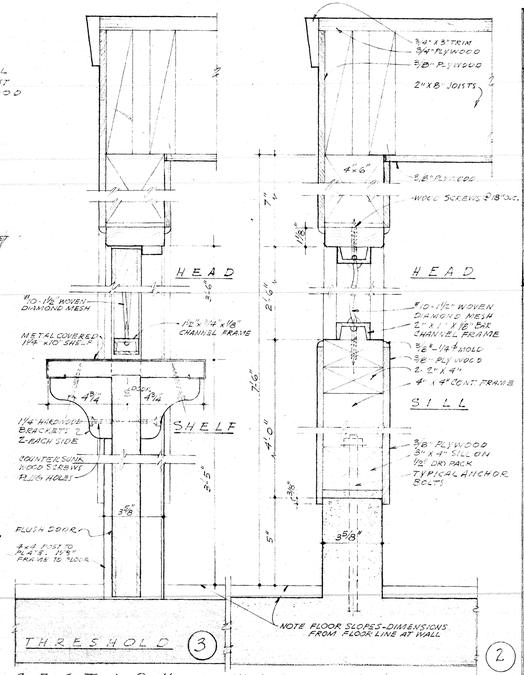
SECTION (A) UNIT "H"

SCALE - 1/4" = 1'-0"



PARTITION, DOOR & MESH FRAME DETAILS - RM. H-101 & H-103

SCALE - 3" = 1'-0"

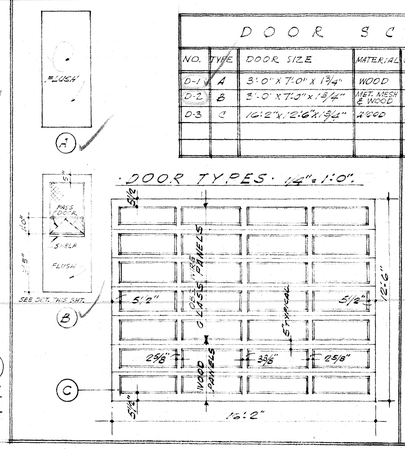


INTERIOR FINISH SCHEDULE

ROOM NAME	NO.	FLOORS: FINISHED CONCRETE	BASE: WOOD	BASE: RUBBER COVE	WALLS: EXPOSED BRICK	WALLS: PLYWOOD	CEILING: ACOUSTICAL TILE	CEILING: PLYWOOD	MWNS.	REMARKS
SHOP	H-101	•		•	•	•	•			
TOOLS	H-102	•		•	•	•		•		
SUPPLIES	H-103	•		•	•	•		•		

DOOR SCHEDULE

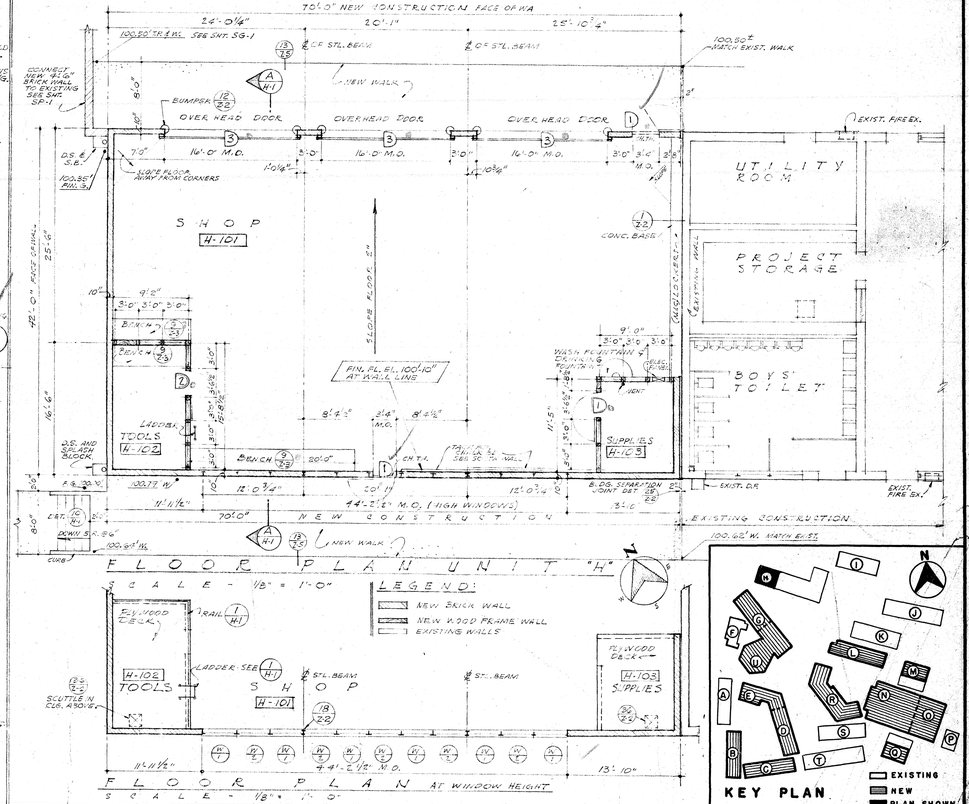
NO.	TYPE	DOOR SIZE	MATERIAL	GLASS	REMARKS
D-1	A	3'-0" X 7'-0" x 1 3/4"	WOOD	—	MINERAL CORE
D-2	B	3'-0" X 7'-3" x 1 3/4"	MET. WIRE & WOOD	—	EXPANDED METAL MESH
D-3	C	16'-12" x 12'-6" x 1 3/4"	WOOD	CLEAR WIRE GL.	WOOD & GLASS PANELS



WINDOW SCHEDULE

SCALE - 1/4" = 1'-0"

FINISH FLOOR LINE



SCHOOL DISTRICT APPROVAL	DATE
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ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 25918 — APPROVED — FEE

DSA PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON

2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

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UNIT-H-
FLOOR & ROOF PLANS ELEVATIONS, SCHEDULES & DETAILS

DATE PRINTED

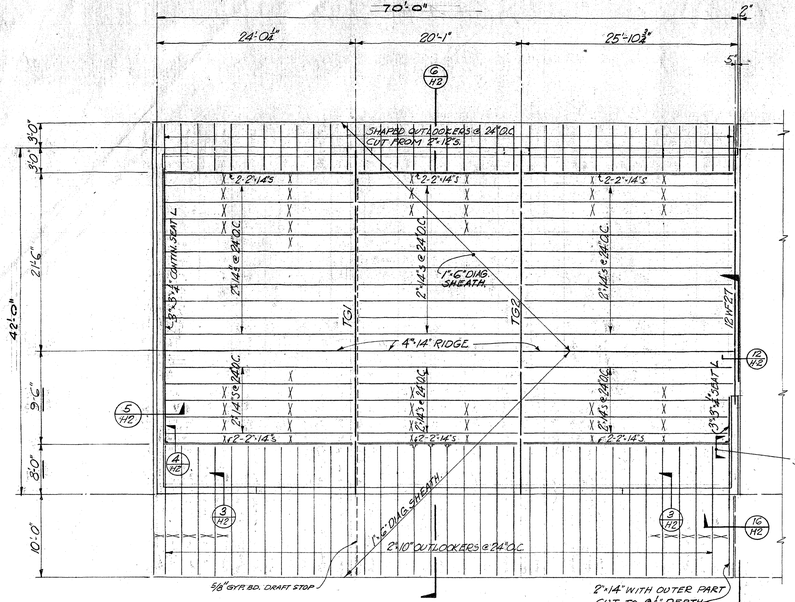
JOB 547

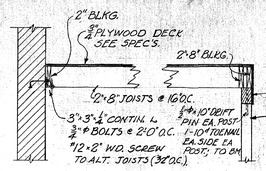
SHEET H-1

B.O. 60

ROOF FRAMING PLAN

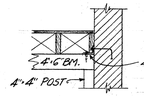
SCALE 1/8"=1'-0"



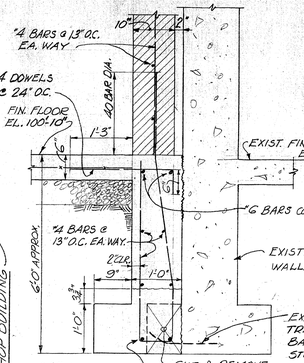


SECTION (13/H2)

SCALE ~ ½"=1'0"

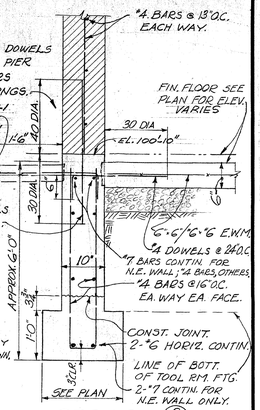


SECTION (14/H2)

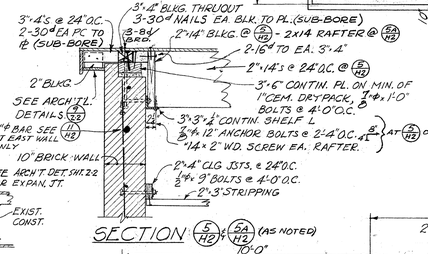


SECTION (1/H2)

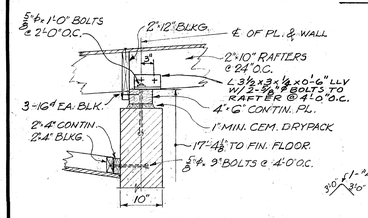
(1'/H2) SIMILAR - EXCEPT NO BRICK WALL



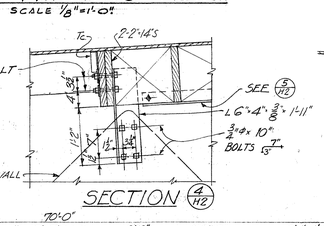
SECTION (2/H2)



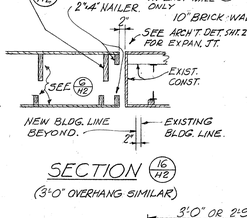
SECTION (5/H2) x (5A/H2) (AS NOTED)



SECTION (3/H2)

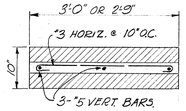


SECTION (4/H2)



SECTION (16/H2)

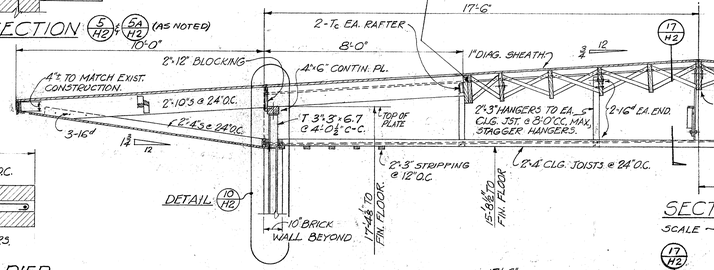
(3'-0" OVERHANG SIMILAR)

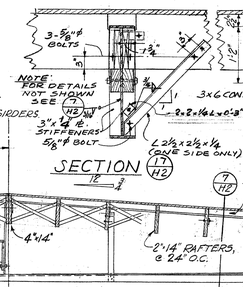


TYPICAL PIER

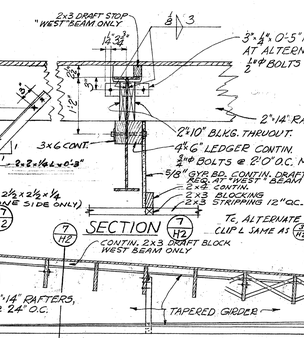
FOUNDATION PLAN

SCALE 1/8"=1'-0"

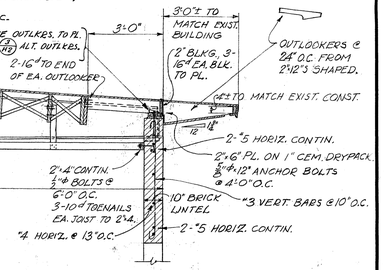




SECTION (17/H2) 12 ¾

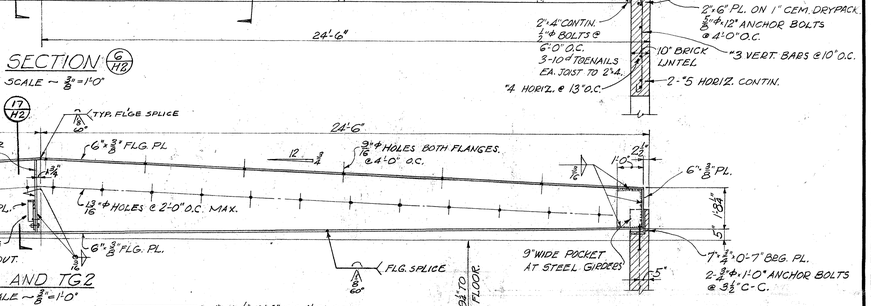


SECTION (7/H2)



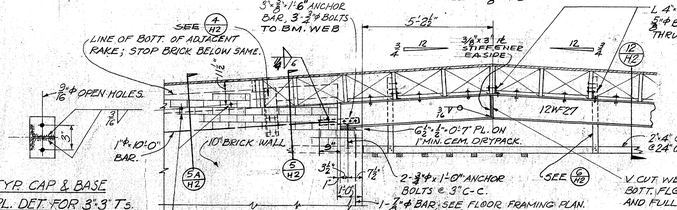
SECTION (6/H2)

SCALE ~ ⅜"=1'0"

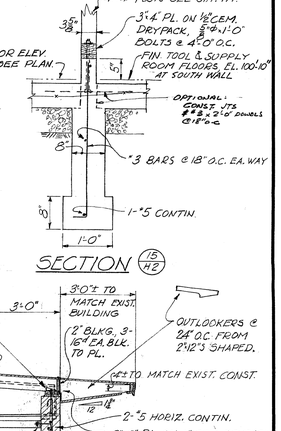


TGI AND TG2

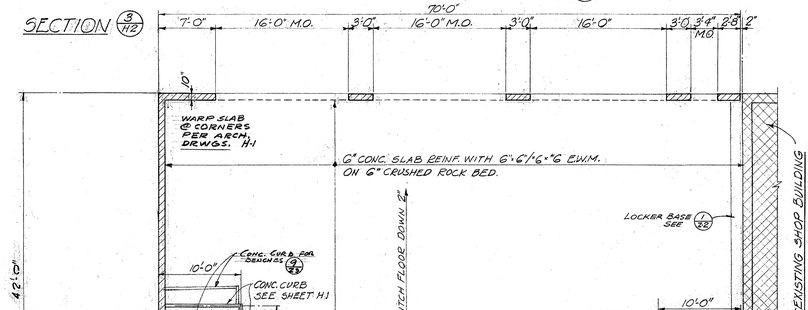
SCALE ~ ⅜"=1'0"



SECTION (11/H2)

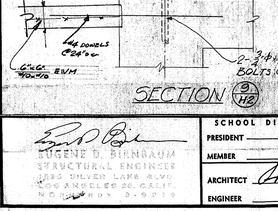


SECTION (15/H2)



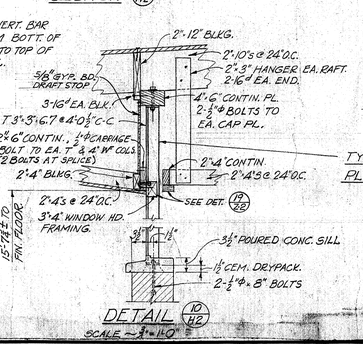
FLOOR FRAMING PLAN

SCALE 1/8"=1'-0"



SECTION (8/H2)

SECTION (9/H2)

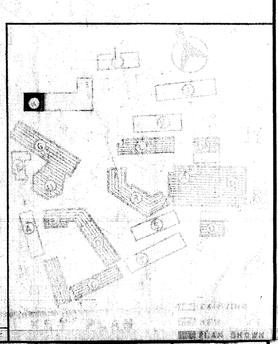


DETAIL (10/H2)

SCALE ~ ¾"=1'0"

TYP. CAP & BASE PL. DET. FOR 3"x3" T's.

SECTION (8/H2)



SECTION (12/H2)

AS BUILT

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1235 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NO. 1989 EXP. 6-30-56

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Balch Bryan Perkins	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 12538 — APPROVED FEB 24 1955 — J.P. (PRINCIPAL STRUCTURAL ENGINEER)

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA — LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA — W. K. HUTCHASON ARCHITECT AIA

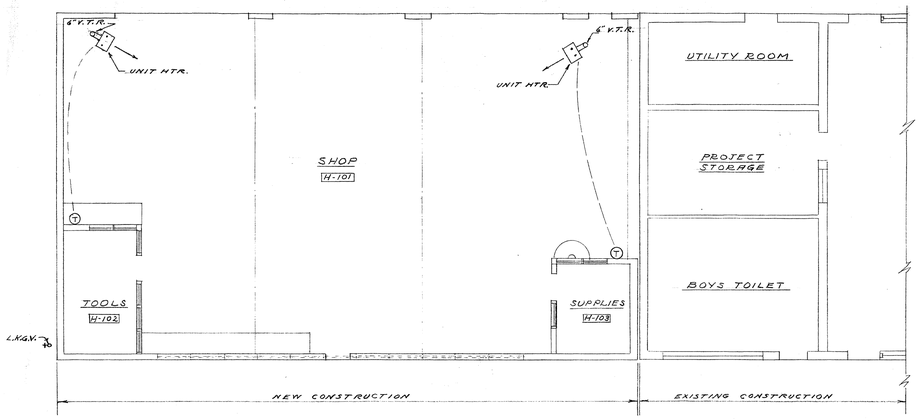
— UNIT H —
FOUNDATION, FLOOR & ROOF FRAMING PLANS SECTIONS & DETAILS

DATE PRINTED

JOB 547
SHEET H-2
B.O. 61

H&V SYMBOL SCHEDULE

T	THERMOSTAT
V.T.R.	VENT THROUGH ROOF

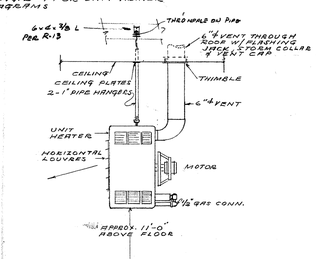


HEATING PLAN
UNIT "H"
SCALE 1/8" = 1'-0"

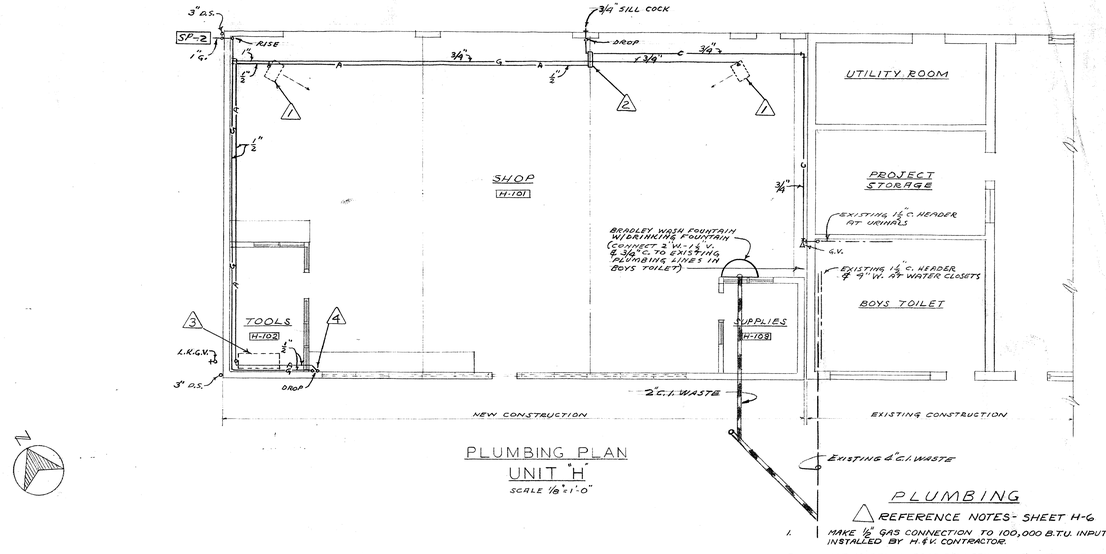
UNIT HEATERS

JANITROL NO. UBS 100-94 100,000 BTU INPUT. 80,000 BTU OUTPUT. 1225 CFM 1/4 HP 120V. 2Ø - MOTOR. BOTTOM OF HEATER APPROX. 11'-0" ABOVE FLOOR.

NOTE: REFER TO DWG. E-7 FOR UNIT HEATER CONTROL DIAGRAMS



UNIT HEATER DETAIL
SCALE 1/2" = 1'-0"



PLUMBING PLAN
UNIT "H"
SCALE 1/8" = 1'-0"

PLUMBING

△ REFERENCE NOTES - SHEET H-6

1. MAKE 1/2" GAS CONNECTION TO 100,000 B.T.U. INPUT HEATER INSTALLED BY H.&V. CONTRACTOR.
2. ACE MODEL NO. 2603 DAW CEILING MOUNTED AIR AND WATER HOSE REEL FITTED WITH RATCHET STOPS, 25' WATER HOSE AND 35' AIR HOSE. MATCH PLATE OF 3/16 STEEL SHALL BE INSTALLED FLUSH WITH ACOUSTIC TILE CEILING FOR MOUNTING HOSE REEL. FOR ANGLE IRON EXTENSION MEMBERS WELDED TO MATCH PLATE SHALL BE RIGIDLY ANCHORED TO TRUSS.
3. DEVILBISS TYPE NO. UAC-5004, 1 H.P., 208 V., 3Ø AIR COMPRESSOR INSTALLED ON DECK ABOVE ROOM H-102. SEE SPECIFICATION.
4. STUB OUT 1/2" A. & 1/2" G. 42" A.F.F. AND CAP.

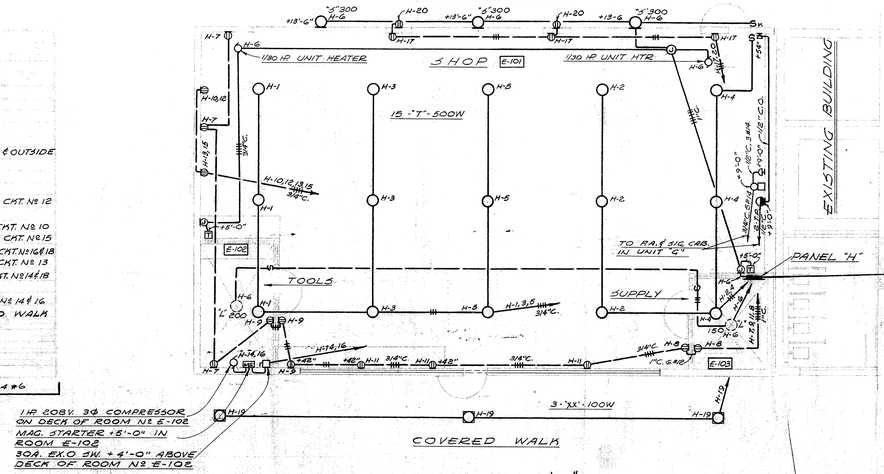
FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS REFER TO PLOT PLAN DRAWING NO. SP-2

INSTALL APPROVED SIGN AT BLDG. GAS SHUT-OFF COCK. SEE PLOT PLAN DRAWING SP-2

NOTE: OUTSIDE RECEPTACLES TO BE WEATHER PROOF GASKETED

"H"

				208		
1	15	3		1500	ROOM NO	E-101
1	15	3		1500	"	" E-101
1	15	3		1500	"	" E-101
1	15	3		1500	"	" E-101
1	15	3		1500	"	" E-101
1	15	5	2 HTR	1500	"	" E-102, 103 & OUTSIDE
1	20		3	600	"	" E-101, 102
1	20		2	400	"	" E-101, 103
1	20		3	600	"	" E-101, 102
2	20		1	500	"	" E-101 - WITH CKT. NO 12
1	20		3	600	"	" E-101
-	20			500	"	" 2P WITH CKT. NO 10
2	20		1	500	"	" E-101 WITH CKT. NO 15
3	15		1 HP	420	"	" E-101 WITH CKT. NOS 16 & 18
-	-			500	"	" 2P WITH CKT. NO 13
-	-			420	"	" 3P WITH CKT. NOS 14 & 18
1	20		3	600	"	" E-101
-	-			420	"	" WITH CKT. NOS 14 & 16
1	15	3		300		COVERED WALK
1	15					SPARE
1	15					"
1	15					"
1	15					"
1	15					"
TOTAL WATTS				15,360	50A. 3P BR. BAR. 1 1/4" C. 4 #6	



1 HR 208 V. 3Ø COMPRESSOR ON DECK OF ROOM NO E-102

MAG. STARTER +5'-0" IN ROOM E-103

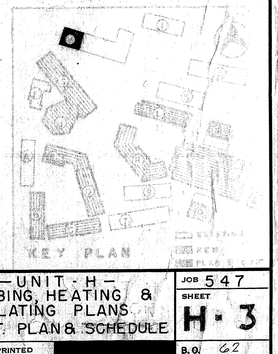
30A. EX.O SW. + 4'-0" ABOVE DECK OF ROOM NO E-102

UNIT - "H"
SCALE 1/8" = 1'-0"

AS BUILT

ELECTRICAL NOTES

1. VERIFY EXACT LOCATION OF ALL ELECTRICAL OUTLETS, PANELS AND EQUIPMENT ON JOB SITE.
2. VERIFY EXACT LOCATION OF ALL H&V EQUIPMENT TO BE CONNECTED ON JOB SITE BY THIS CONTRACTOR.
3. ALL BRANCH CIRCUITS TO BE SWITCHED AT PANEL UNLESS OTHERWISE SHOWN.



As Built Dwgs Revised 1-15-'57

LESTER R. KELLY
MECHANICAL ENGINEER
443 S. BEAUDRY AVE.
LOS ANGELES, CALIF.

EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2968
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
NOrmandy 1-4788
Edw. C. Sylvanus

"SCHOOL DISTRICT APPROVAL" DATE
PRESIDENT
MEMBER
ARCHITECT Balch Bryan Balch
ENGINEER Sylvanus

ADDITIONS TO MORNINGSIDE HIGH SCHOOL
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
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APPLICATION NO. 12538
APPROVED FEB 24 1956
E. Matz
for PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
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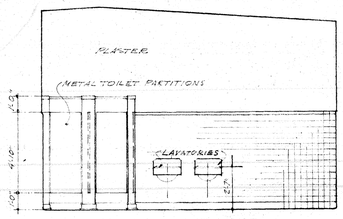
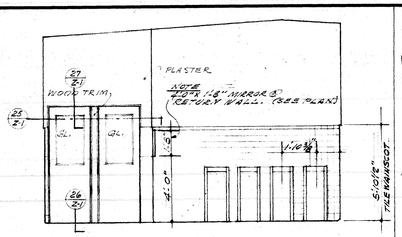
— UNIT - H —
PLUMBING, HEATING & VENTILATING PLANS
ELECT. PLAN & SCHEDULE
DATE PRINTED

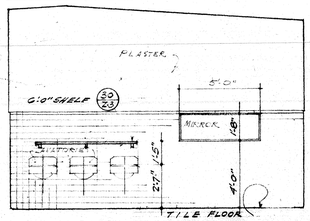
JOB 547
SHEET H-3
8.0 62



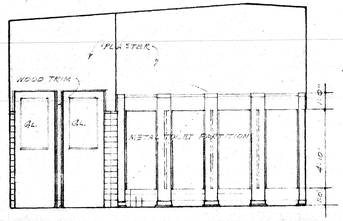
BOYS' EAST
RM. L-101



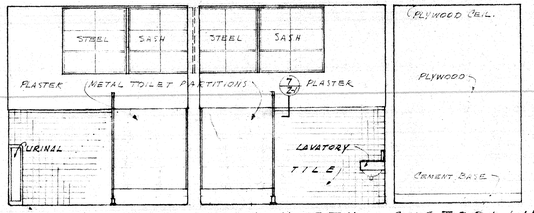
BOYS' WEST
RM. L-101



GIRLS' EAST
RM. L-102



GIRLS' WEST
RM. L-102



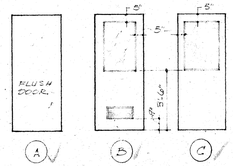
GIRLS' NORTH BOYS' NORTH CUSTODIAN
TOILET ROOM INTERIORS SCALE-1/4"=1'0"

INTERIOR FINISH SCHEDULE

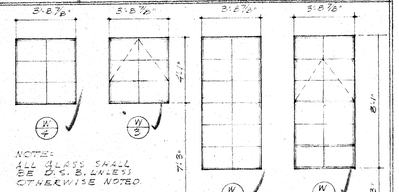
ROOM NAME	NO.	FLOORS	BASE	WALLS	CEILING	WAINS	BLINDS	REMARKS
	ROOM NUMBER	FINISHED CONCRETE	ASPHALT TILE	WOOD	GYPSUM	PLYWOOD	ACOUSTIC TILE	SMOOTH PLASTER	EXTERIOR PLASTER	ACOUSTIC TILE	PLYWOOD	INTERIOR PLASTER	SMOOTH PLASTER	TILE	VENETIAN BLINDS	
BOYS' TOILET	L-101		•				•						•	•		* SEE GENERAL NOTES ⊕ FURR. ON 2"x3"@ 16"O.C.
GIRLS' TOILET	L-102		•				•						•	•		* SEE GENERAL NOTES ⊕ FURR. ON 2"x3"@ 16"O.C.
CUSTODIAN	L-103	•		⊕			•						•			① EXPOSED CONC. CURB.
JOURNALISM	L-104		•		•			•			•				•	
WORK ROOM	L-105		•		•			•			•					
ART	L-106		•		•			•			•					
WORK ROOM	L-107		•		•			•			•					
CRAFT	L-108	•			•			•								
SEWING	L-109		•		•			•								
VESTIBULE TOILETS	—	•							•							

DOOR SCHEDULE

NUMBER	TYPE	DOOR SIZE	MATERIAL	GLASS	REMARKS
D-1	A	3'-0" x 7'-0" x 1 3/4"	WOOD	—	MINERAL CORE
D-2	B	3'-0" x 7'-0" x 1 3/4"	WOOD	OBSCURE WIRE	MINERAL CORE, 20"x 8" METAL LOUVER
D-3	C	2'-6" x 7'-0" x 1 3/4"	WOOD	OBSCURE WIRE	MINERAL CORE
D-4	C	3'-0" x 6'-11" x 1 3/4"	WOOD	SAFETY MT.	MINERAL CORE
D-5	A	2'-6" x 6'-11" x 1 3/4"	WOOD		MINERAL CORE

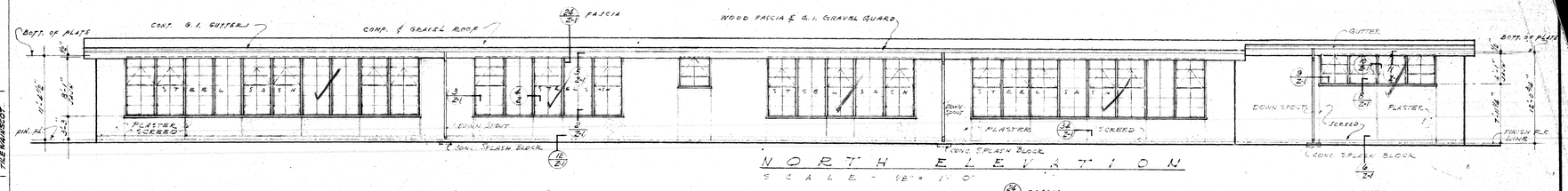


DOOR TYPE
SCALE - 1/4" = 1'0"

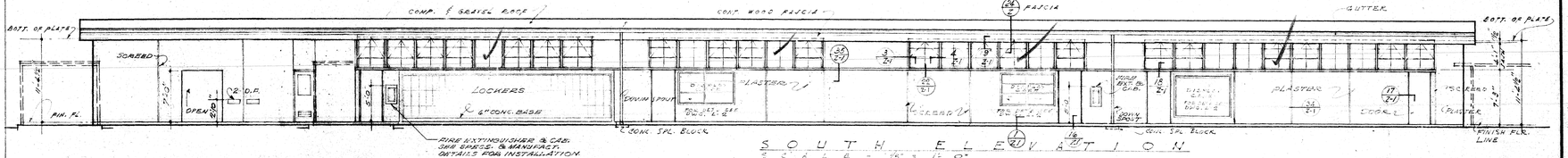


NOTE:
ALL GLASS SHALL BE CAT. B, UNLESS OTHERWISE NOTED.

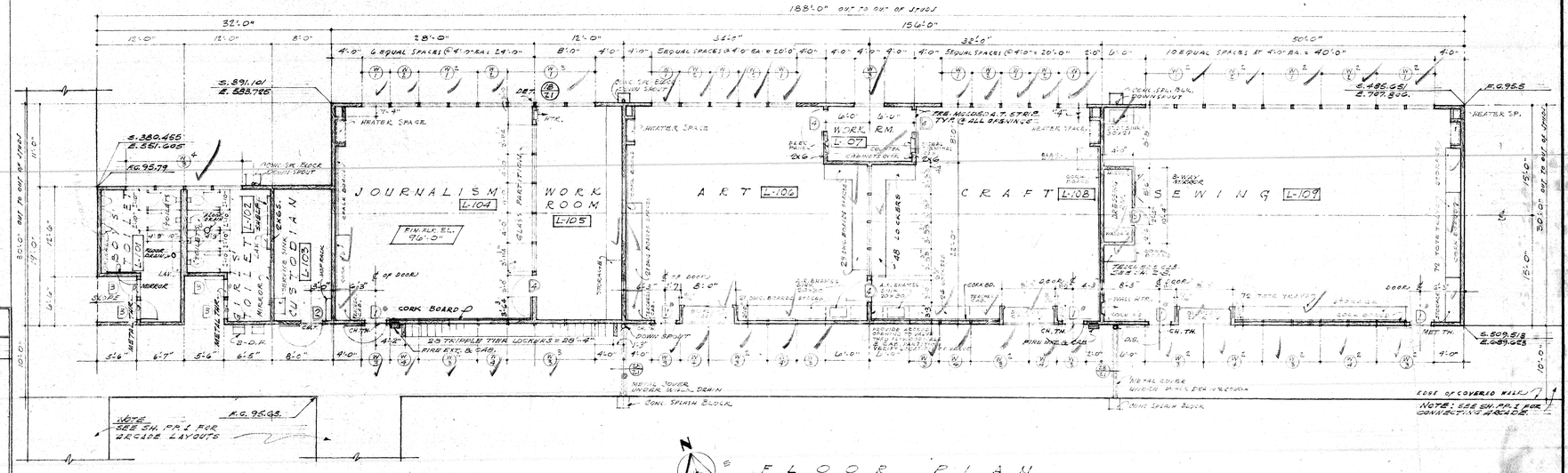
WINDOW SCHEDULE
SCALE - 1/4" = 1'0"



NORTH ELEVATION
SCALE - 1/8" = 1'0"



SOUTH ELEVATION
SCALE - 1/8" = 1'0"

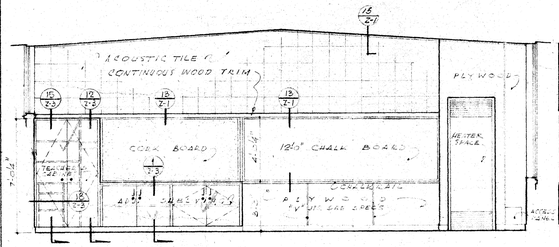


NOTE
SEE SH. PP-1 FOR GRADE LAYOUTS

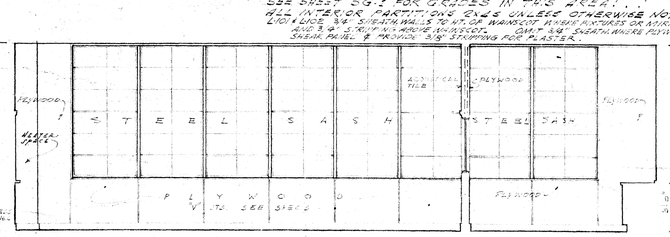
E.G. 95.43

FLOOR PLAN
SCALE - 1/8" = 1'0"

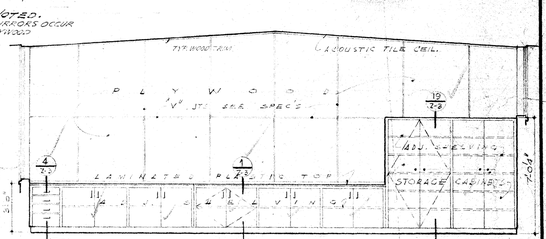
GENERAL NOTES:
SEE SHEET L-6 FOR ELEVATIONS OF ROOMS 106, 107, 108 & 109.
SEE SHEET L-6 & L-7 FOR GRADES IN THIS AREA.
ALL INTERIOR PARTITIONS 2x4'S UNLESS OTHERWISE NOTED.
1/2" LIDE 3/4" SHEATHING TO HT. OF WAINSCOT IN WORK AREAS OR MIRRORS OCCUR SHEAR PANEL & PROVIDE 3/8" STRIPPING FOR PLASTER.



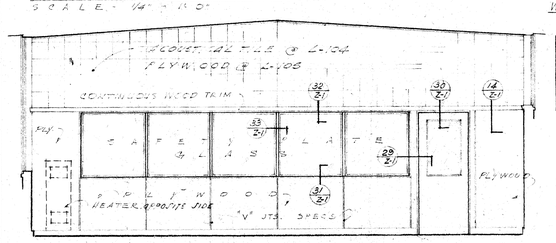
WEST WALL L104
SCALE - 1/4" = 1'0"



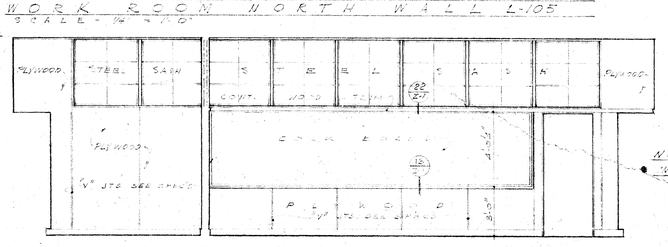
JOURNALISM NORTH WALL L-104
WORK ROOM NORTH WALL L-105
SCALE - 1/4" = 1'0"



WORK RM. EAST WALL
L-105 SCALE - 1/4" = 1'0"

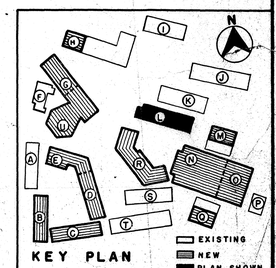


EAST WALL L-104
WEST WALL L-105 (SIMILAR - OPPOSITE)
SCALE - 1/4" = 1'0"



NOTE
WOMEN'S CABINET LOCK.

JOURNALISM SOUTH WALL L-104
WORK ROOM SOUTH WALL L-105
SCALE - 1/4" = 1'0"



KEY PLAN

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
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APPLICATION NO.
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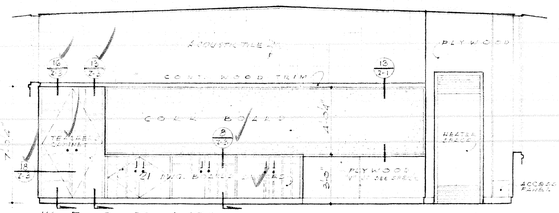
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

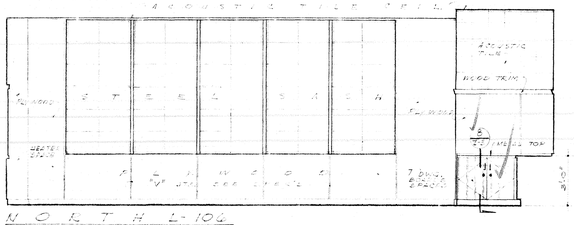
UNIT -L-
FLOOR PLAN - ELEVATIONS SECTIONS & SCHEDULES
DATE PRINTED

JOB 547
SHEET L-1
BO. 62

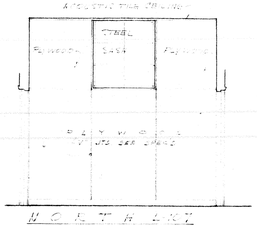
NOTE: SYMBOL ● ON ELEVATIONS INDICATES WELDED JOINT



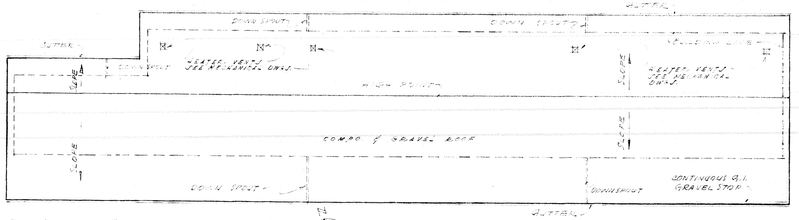
WEST L-106



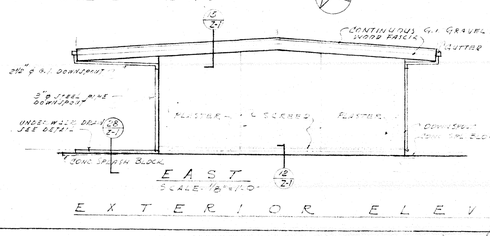
NORTH L-106



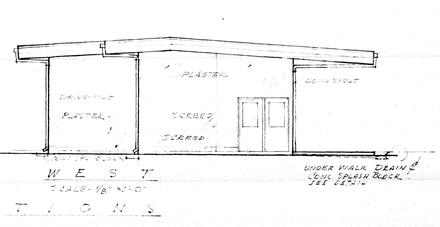
NORTH L-107



ROOF PLAN

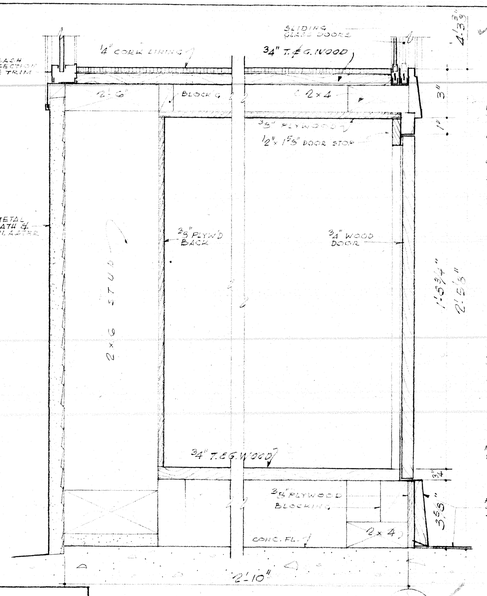


EAST

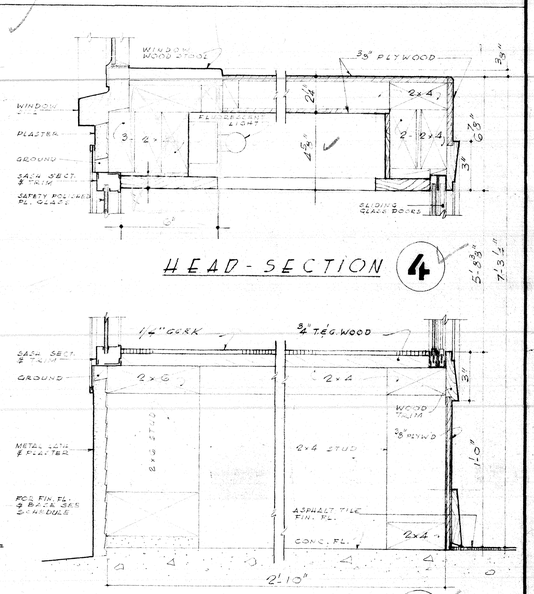


WEST

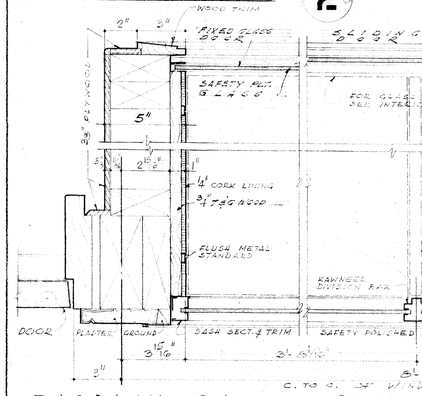
EXTERIOR ELEVATIONS



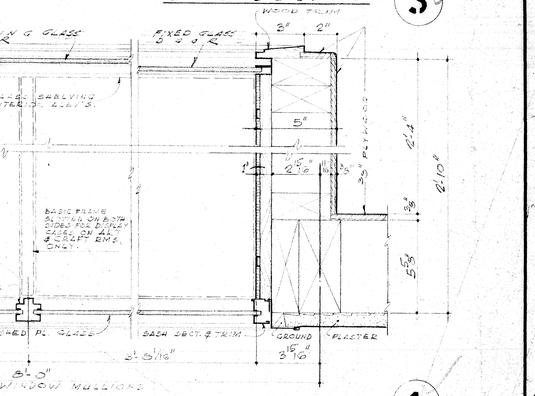
HEAD-SECTION 4



SILL-SECTION 2



SILL-SECTION 3



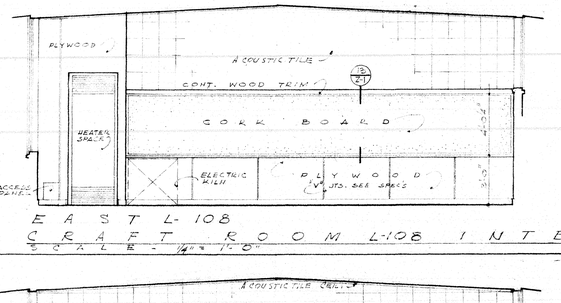
DISPLAY CASE DETAILS
SCALE: 3" = 1'-0"

PLAN-SECTION 1

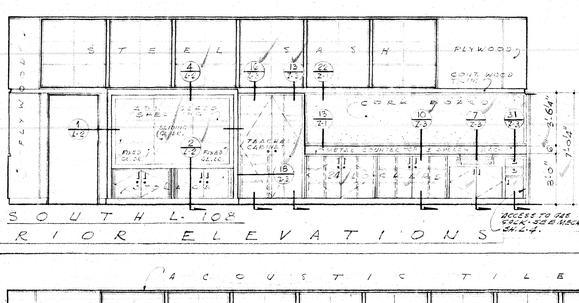
WEST L-108

NORTH L-108

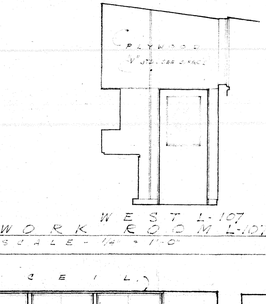
EAST L-107



EAST L-108



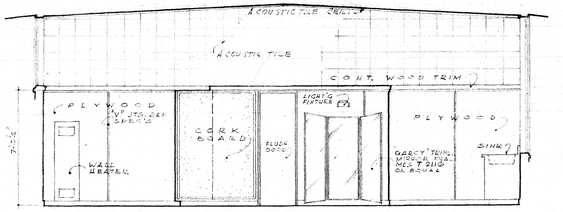
SOUTH L-108



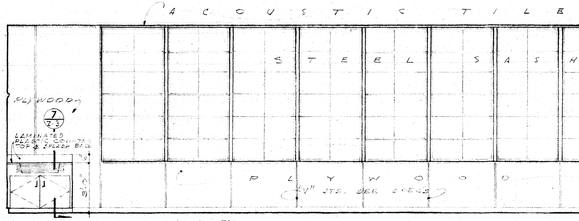
WEST L-107

CRAFT ROOM L-108 INTERIOR ELEVATIONS
SCALE - ¼" = 1'-0"

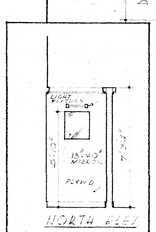
WORK ROOM L-107
SCALE - ¼" = 1'-0"



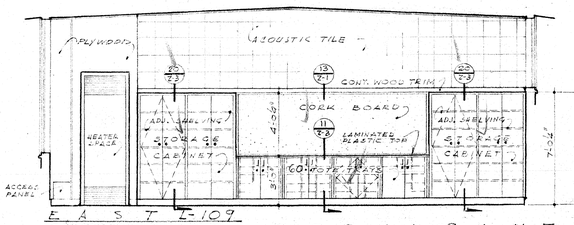
WEST L-109



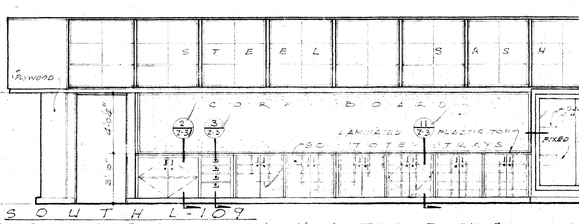
NORTH L-109



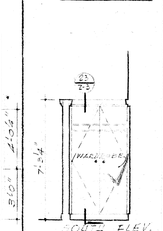
NORTH ELEV.



EAST L-109



SOUTH L-109



CONT. ELEV.
DRESSING RM. L-109

SEWING ROOM L-109 INTERIOR ELEVATIONS SCALE - ¼" = 1'-0"

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO.
APPROVED
PRINCIPAL STRUCTURAL ENGINEER

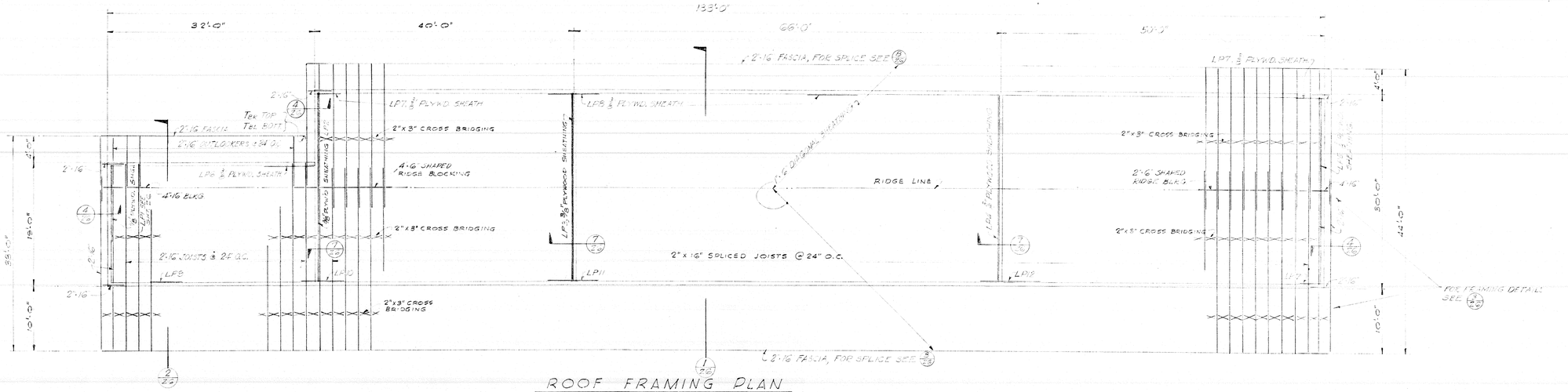
BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNIT-L-
ROOF PLAN, INTERIOR & EXTERIOR ELEVATIONS MISC. DETAILS

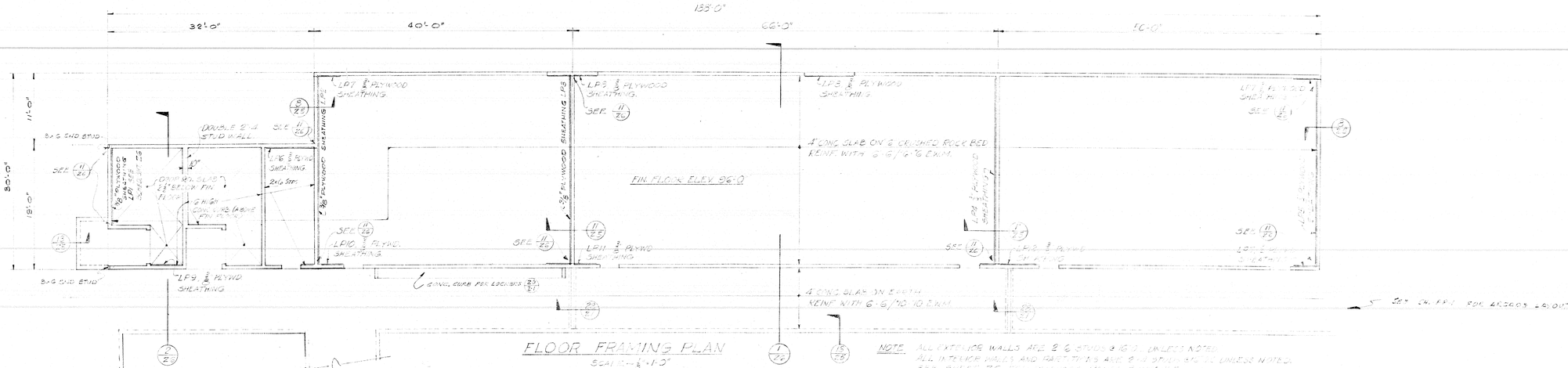
DATE PRINTED

JOB 547
SHEET L-2
BD. 64



ROOF FRAMING PLAN

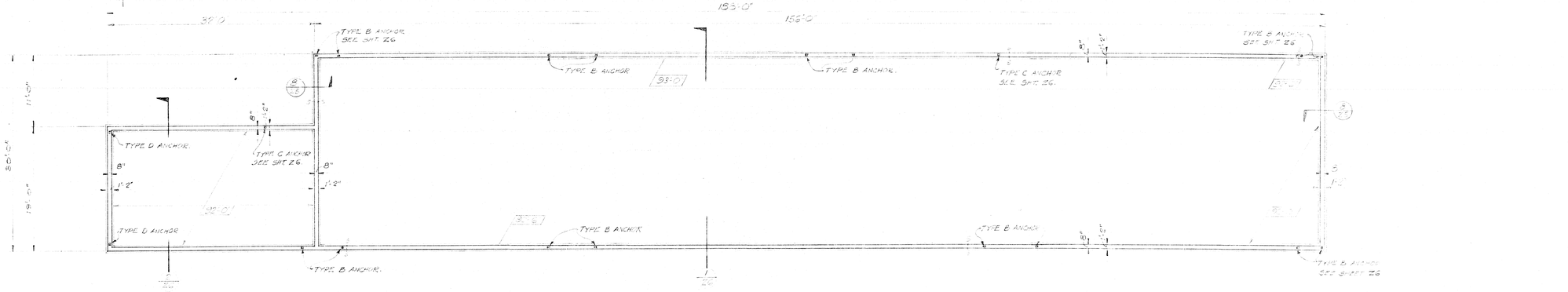
SCALE 1/8"=1'-0"



FLOOR FRAMING PLAN

SCALE 1/8"=1'-0"

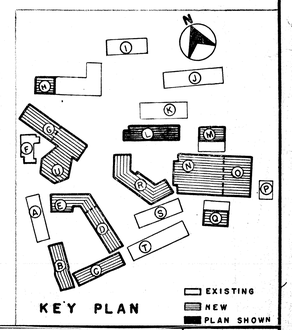
NOTE: ALL EXTERIOR WALLS ARE 2"x6" STUDS @ 16" O.C. UNLESS NOTED.
ALL INTERIOR WALLS AND PARTITIONS ARE 2"x4" STUDS @ 16" O.C. UNLESS NOTED.
SEE SHEET Z6 FOR METHOD OF PANEL SHEATHING



FOUNDATION PLAN

SCALE 1/8"=1'-0"

NOTE: SEE PLYWOOD PANEL SCHEDULE SHEET Z6.
FOR ANCHORS IN FOUNDATION WALL.
FIGURES IN EXACTS (93'-0") ARE ELEVATIONS OF BOTTOMS OF FOOTINGS.



EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

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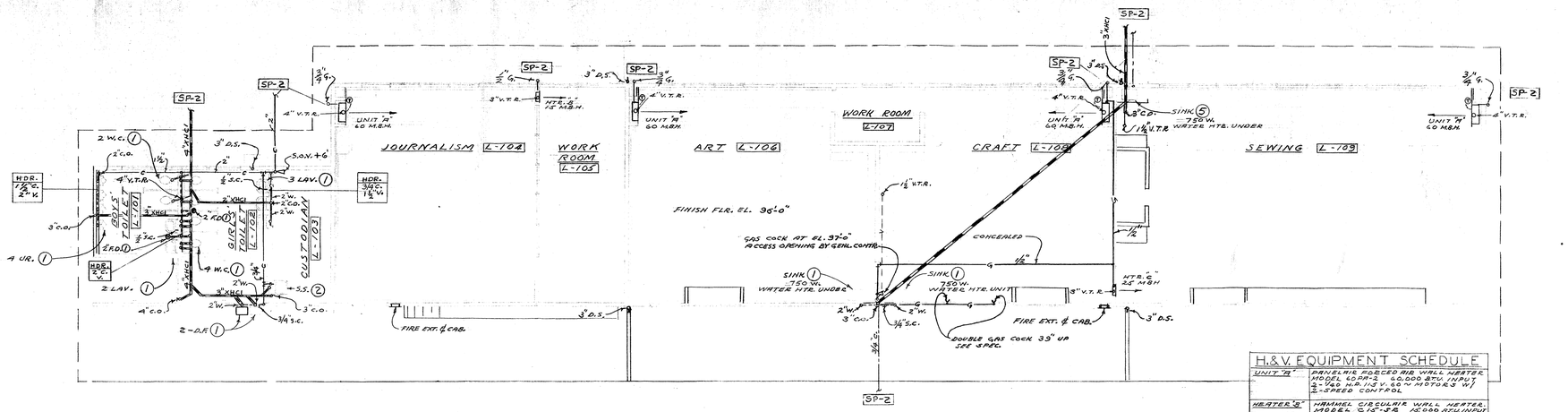
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

UNIT-L-
FOUNDATION & FRAMING PLANS
DATE PRINTED

JOB 547
SHEET L-3
B.O. 65

H&V SYMBOL SCHEDULE	
T	THERMOSTAT
V.T.R.	VENT THROUGH ROOF



UNIT L
SCALE 1/8" = 1'-0"

PLUMBING NOTES

INSTALL APPROVED SIGN AT BLDG. GAS SHUT-OFF COCK - SEE PLOT PLAN DWG. NO. PP-10

FOR SYMBOLS, GEN. NOTES AND ABBREVIATIONS REFER TO PLOT PLAN - DRAWING NO. SP-2

H.&V. EQUIPMENT SCHEDULE	
UNIT "A"	PANELAIRE FORCED RIB WALL HEATER MODEL 60 PR-2 60,000 BTU INPUT 2-740 W.P. 1/2 H.P. 60 W MOTORS W/ 2-SPEED CONTROL
HEATER "B"	HAMMEL CIRCULAIR WALL HEATER MODEL C 12"-S.R. 12,000 BTU INPUT
HEATER "C"	HAMMEL CIRCULAIR WALL HEATER MODEL C24-S.R. 25,000 BTU INPUT

REFER TO DWG. Z-7 FOR TEMP. CONTROL DIAGRAMS.

THIS SYMBOL ▽ INDICATE LOW VOLTAGE RELAY
PROVIDE LOW VOLTAGE POWER PACK IN THIS PANEL

"L"

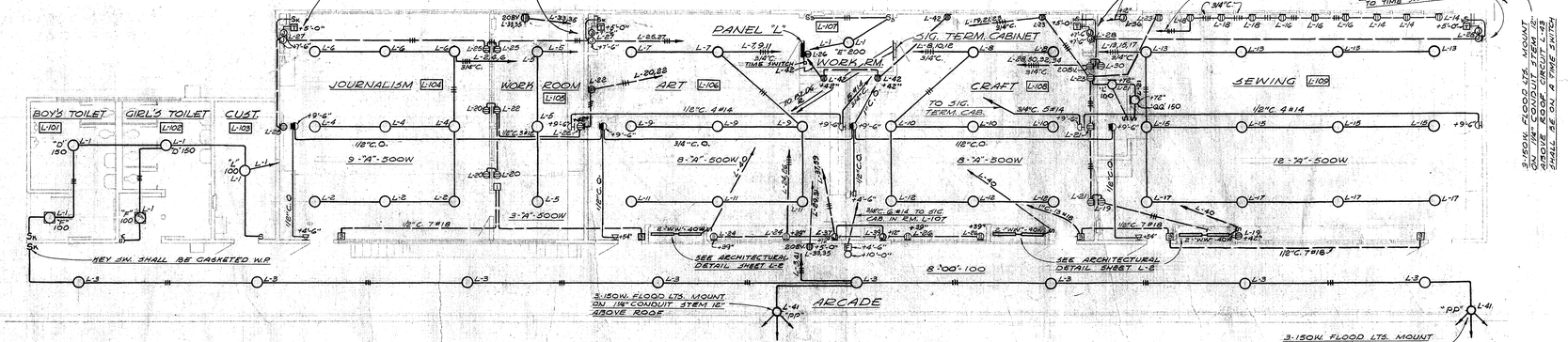
							DESCRIPTION
						208	
	1	15	6			700	ROOM NOS 101, 102, 103, 107
▽	1	15	3			1500	" " 104
	1	15	8			800	ARCADE
▽	1	15	3			1500	ROOM NO 104
▽	1	15	3			1500	" " 105
▽	1	15	3			1500	" " 104
▽	1	15	2			1000	" " 106
▽	1	15	2			1000	" " 108
▽	1	15	3			1500	" " 106
▽	1	15	3			1500	" " 108
▽	1	15	3			1500	" " 104
▽	1	15	3			1500	" " 106
▽	1	20	4			2000	" " 109
	1	20		3		600	" " 109
▽	1	20	4			2000	" " 109
	1	20		3		600	" " 109
▽	1	20	4			2000	" " 109
	1	20		3		600	" " 109
	1	20		2		400	" " 109
	1	20		2		400	" " 104, 105
	1	20		3		600	" " 105, 109
	1	20		3		600	" " 105, 106
	1	20		3		600	" " 108, 109
	1	20		2		400	" " 109
	1	20		3		600	" " 104, 105
	1	20		3		600	" " 108, 107
	1	20		2	1/180X	400	" " 104, 106
	1	20		2	1/180X	400	" " 108, 100
	2	20		1		1200	" " 208V. REC. ARCADE
	1	20		1		1000	" " 109 J.BOX
	-	-				300	" " 2-POLES WITH CKT #29
	2	20		1		400	" " 108, 208V. RECEPTACLE
	2	20		1		400	" " 105, 208V. REC.
	-	-				500	" " 2-POLES WITH CKT # 32
	-	-				500	" " 2-POLES WITH CKT # 33
	1	15			1/80X	720	" " + L-109, WATER HTR.
37	1	15			1/80X	720	" " " L-106, WATER HTR.
38	1	15			P.P.	100	POWER PACK
39	1	15			1/80X	720	ROOM NO'S L-108, WATER HTR.
40	1	15	6			900	ROOM NO'S L-106, 108, 109
41	1	15	6			900	YARD FLOOD LTS.
42	1	20		3		600	ROOM NOS 106, 108
43	1	15	3			450	YARD FLOOD LTS.
44	1	15					SPARE
45	1	15					"
46	1	15					"
47	1	15					"
48	1	15					"
TOTAL WATTS						36,500	125A. 3R/BAR. 3"C. 4 #4/0

NOTE
PANEL "L" SHALL BE A SPLIT BUS PANEL. SPLITTING AT CKT. # 24

SPLIT HERE — SPLIT HERE

NOTE:
VERIFY LOCATION OF HEATERS AND CONTROLS ON JOB BEFORE WIRING TO THEM. MAKE ALL 120V CONNECTIONS. SEE UNIT "A" DESCRIPTION ON MECHANICAL DRAWINGS.

NOTE:
VERIFY LOCATION OF HEATERS AND CONTROLS ON JOB BEFORE WIRING TO THEM. MAKE ALL 120V CONNECTIONS. SEE UNIT "A" DESCRIPTION ON MECHANICAL DRAWINGS.



UNIT - "L"
SCALE 1/8" = 1'-0"

AS BUILT

AS BUILT DWGS REVISED 1-16-'57

EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 3944
8727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
WEbster 1-4238

LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL		DATE
PRESIDENT		
MEMBER		
ARCHITECT		
ENGINEER		

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

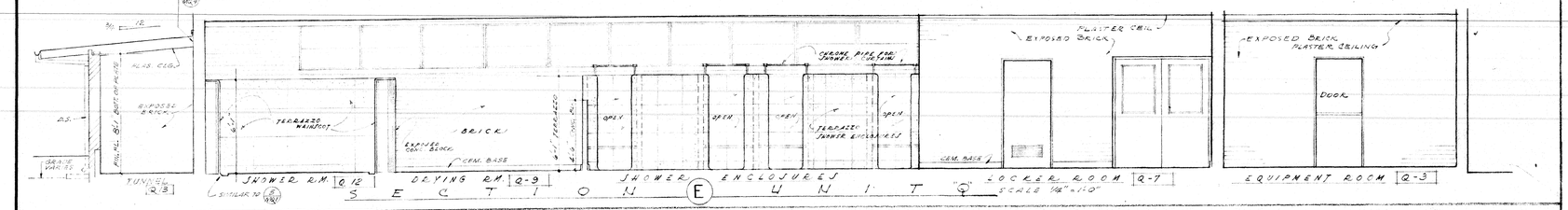
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED: FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

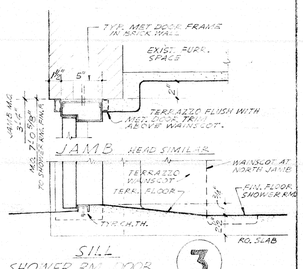
UNIT - L - HEATING, VENTILATING PLUMBING & ELECTRICAL

DATE PRINTED

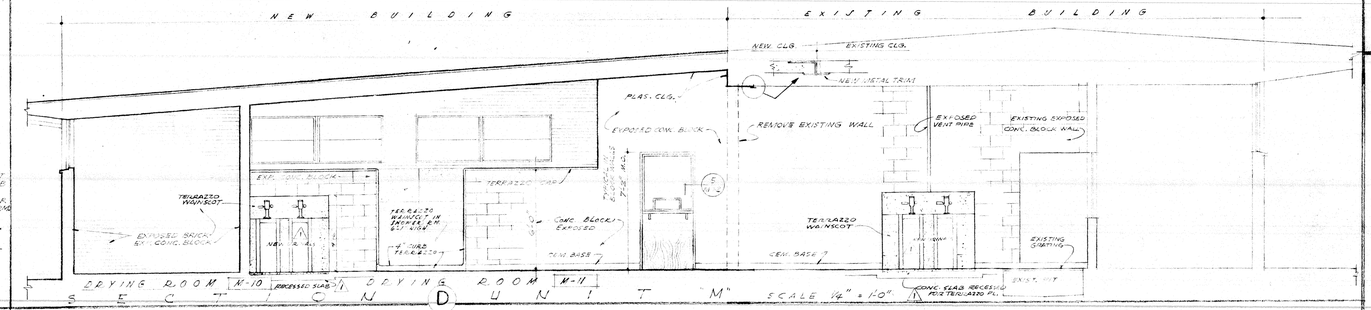
JOB 547
SHEET L-4
B.O. 66



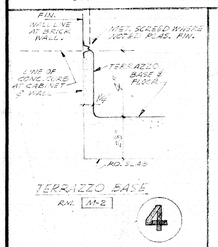
S E C T I O N (E) U N I T "Q" SCALE 1/4" = 1'-0"



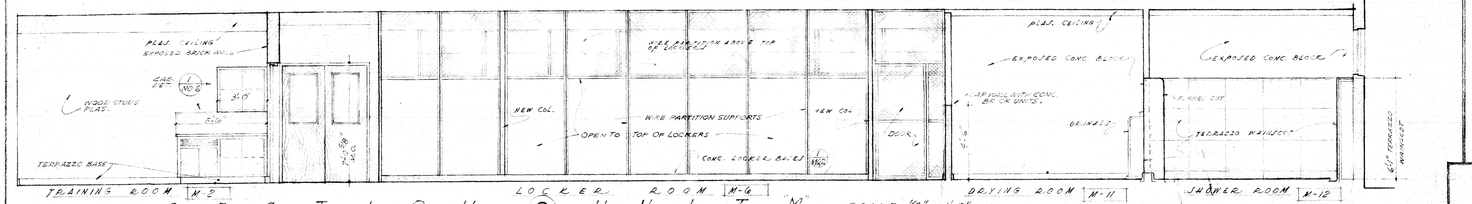
SILL
SHOWER RM. DOOR
SCALE 1/2" = 1'-0"



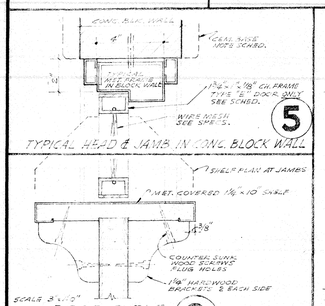
S E C T I O N (D) U N I T "M" SCALE 1/4" = 1'-0"



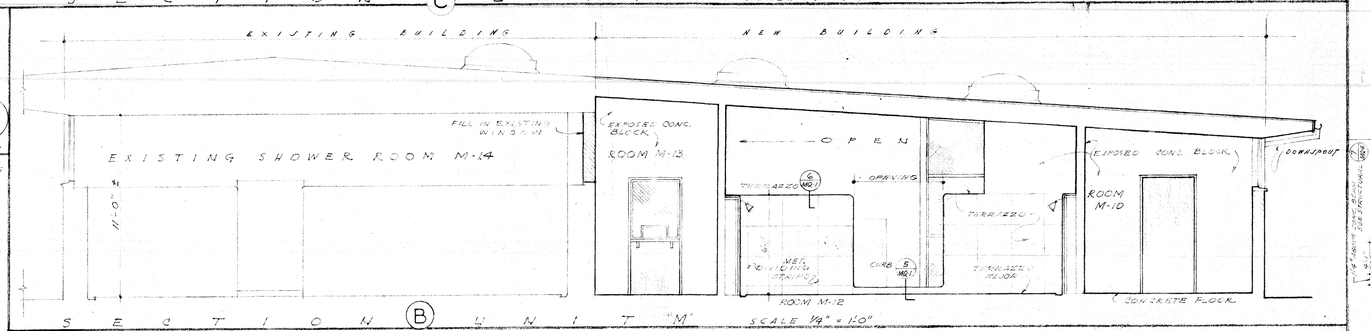
TERRAZZO BASE
RM. M-2
SCALE 3"=1'-0"



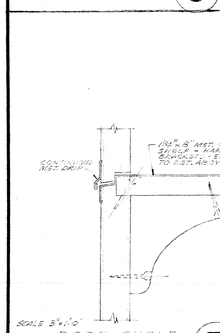
S E C T I O N (C) U N I T "M" SCALE 1/4" = 1'-0"



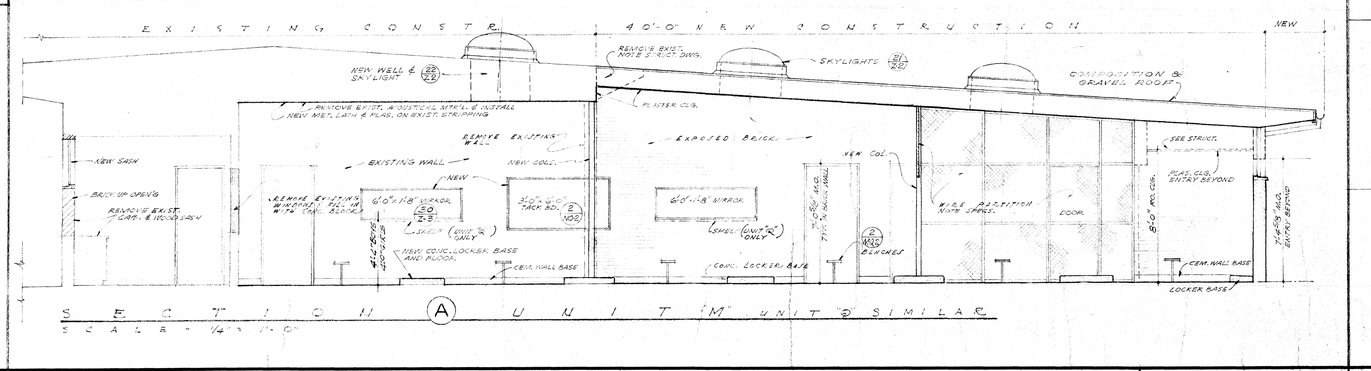
SCALE 3"=1'0"



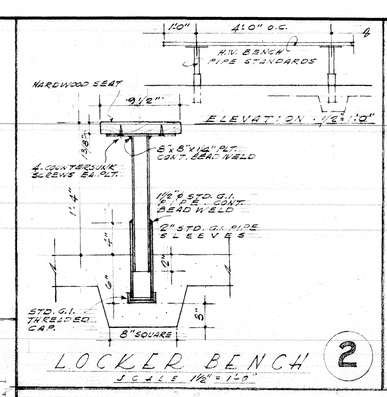
S E C T I O N (B) U N I T "M" SCALE 1/4" = 1'-0"



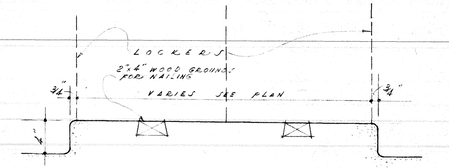
SCALE 3"=1'0"



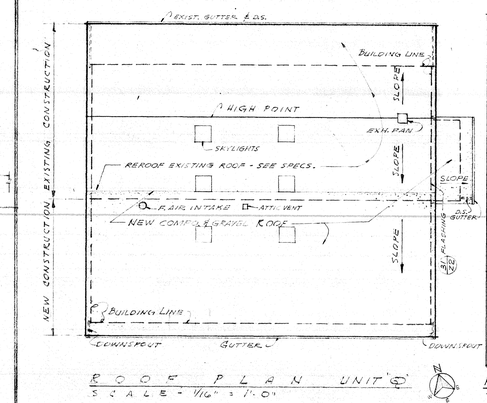
S E C T I O N (A) U N I T "M" UNIT "Q" SIMILAR
SCALE - 1/4" = 1'-0"



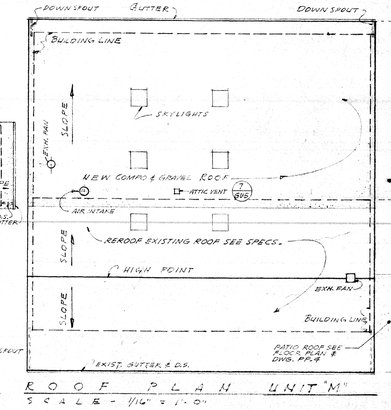
LOCKER BENCH 2
SCALE 1 1/2" = 1'0"



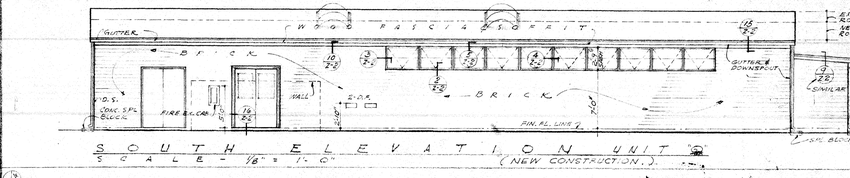
LOCKER BASE 1
SCALE 1 1/2" = 1'-0"



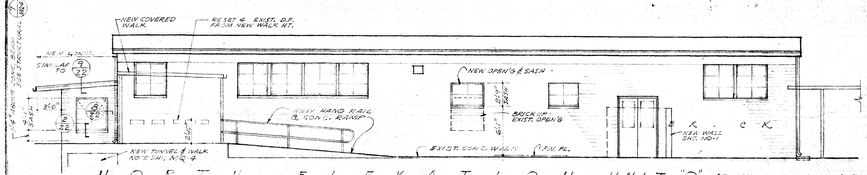
R O O F P L A N U N I T "Q"
SCALE - 1/16" = 1'-0"



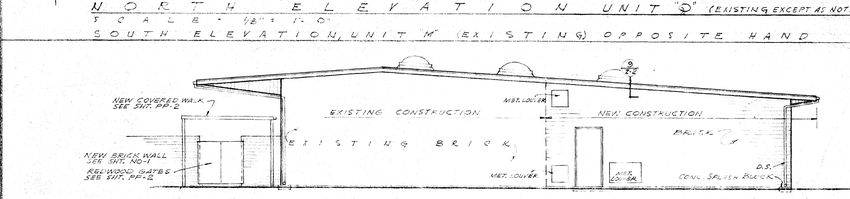
R O O F P L A N U N I T "M"
SCALE - 1/16" = 1'-0"



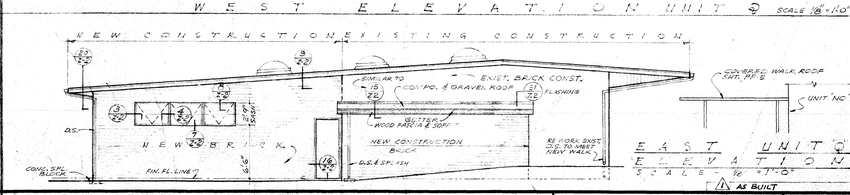
S O U T H E L E V A T I O N U N I T "Q"
SCALE - 1/8" = 1'-0"
(NEW CONSTRUCTION.)



N O R T H E L E V A T I O N U N I T "Q" (EXISTING EXCEPT AS NOTED)
SCALE - 1/8" = 1'-0"
SOUTH ELEVATION, UNIT "M" (EXISTING) OPPOSITE HAND



W E S T E L E V A T I O N U N I T "Q" SCALE 1/8" = 1'-0"



E A S T U N I T "Q"
E L E V A T I O N
SCALE 1/8" = 1'-0"
1 AS BUILT

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

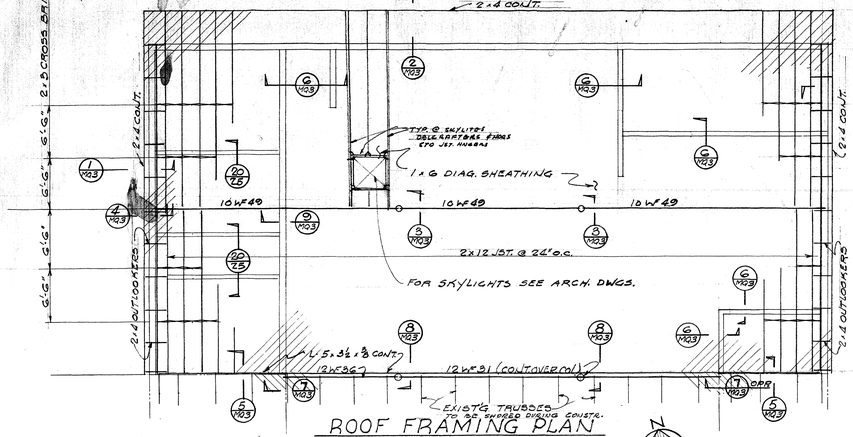
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 22538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

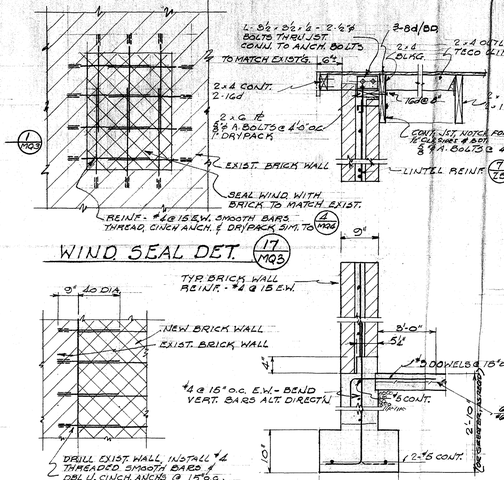
UNIT M & Q
ROOF PLANS - INTERIOR & EXTERIOR ELEV.
MISC. DETAILS
DATE PRINTED

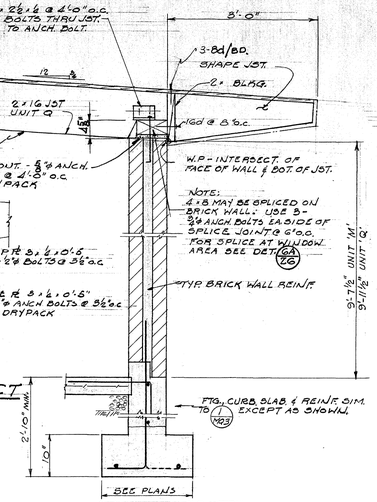
JOB 547
SHEET MQ-2
B.O. 68

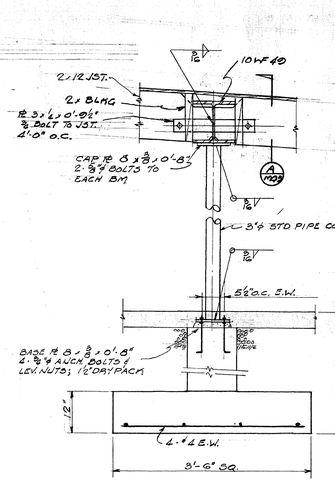


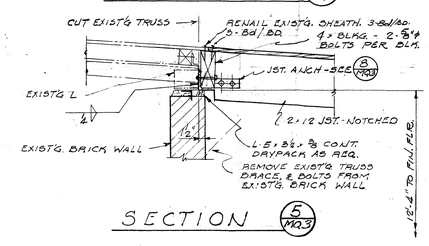
ROOF FRAMING PLAN

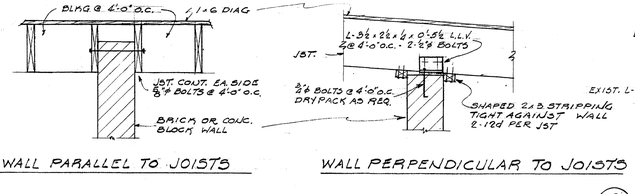
3/64" = 1'-0"



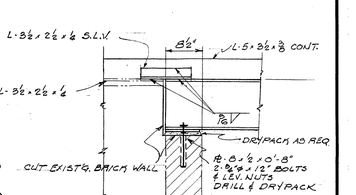


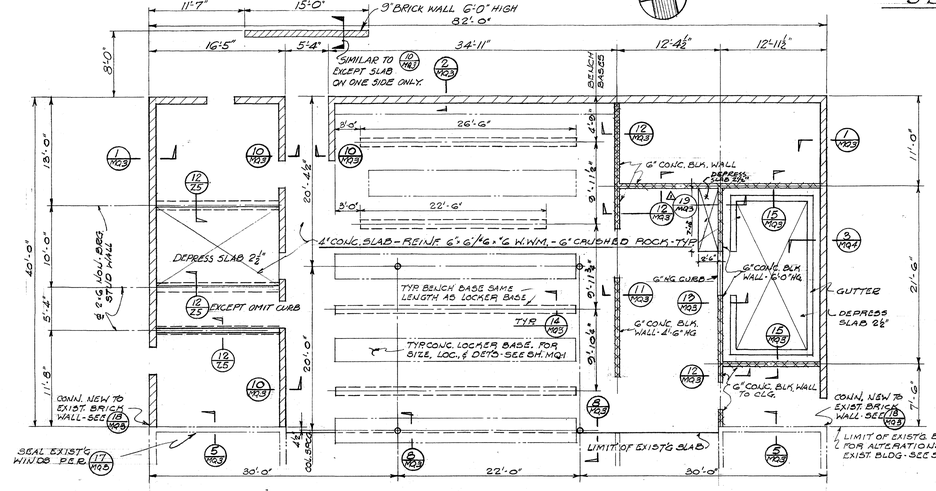






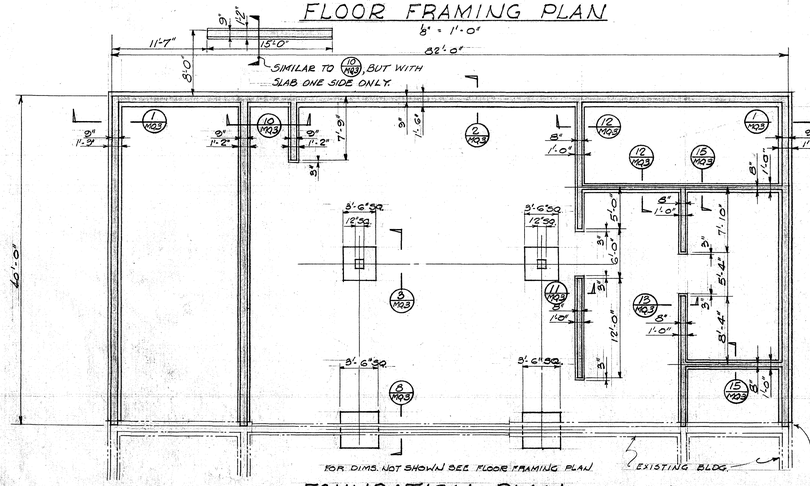
TYP. DET. - NON-BRG. MASONRY WALL (6/MQ3)





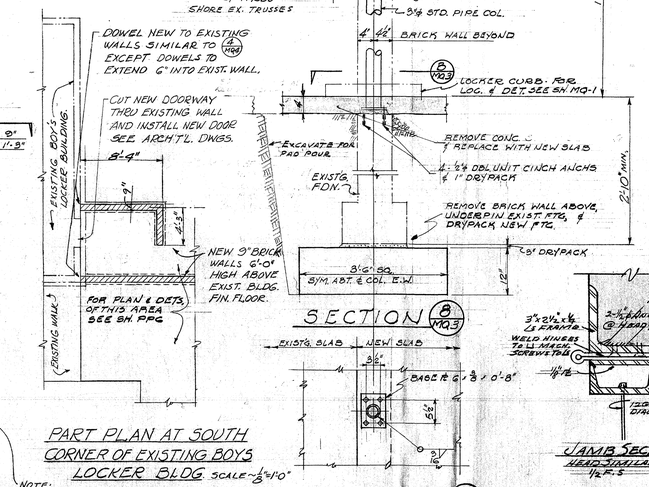
FLOOR FRAMING PLAN

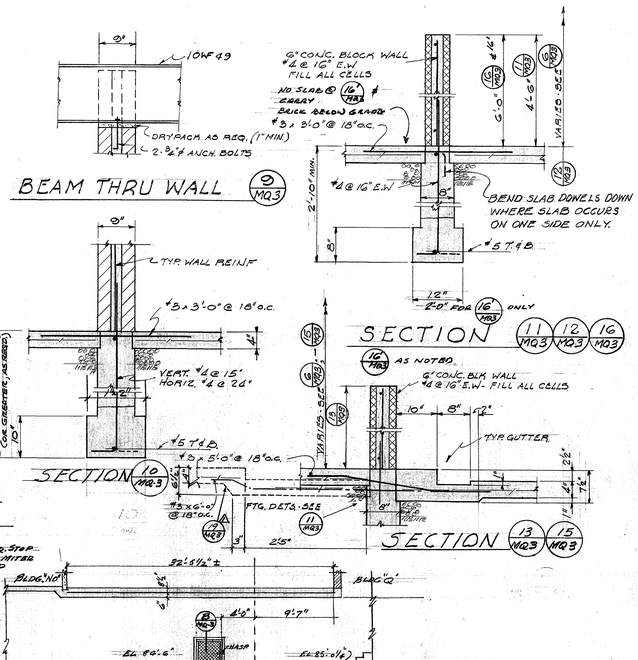
3/8" = 1'-0"

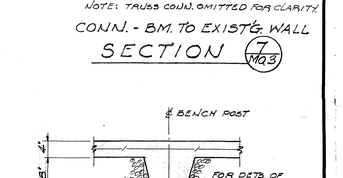


FOUNDATION PLAN

3/8" = 1'-0"

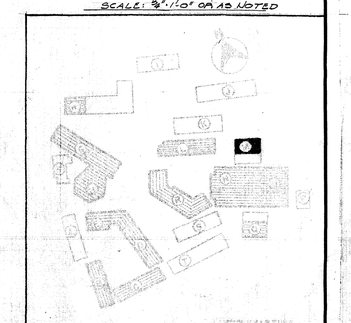






NOTE:
FOR ALL MASONRY OPENING DIMS. & DETS - SEE ARCH. DWGS.
FOR TYP. FDN. POUR JT. & DETS SEE SH. Z-5

SCALE: 3/8" = 1'-0" OR AS NOTED



AS BUILT

EUGENE C. BIRNBAUM
STRUCTURAL ENGINEER
1625 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NAtional 3-9210

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

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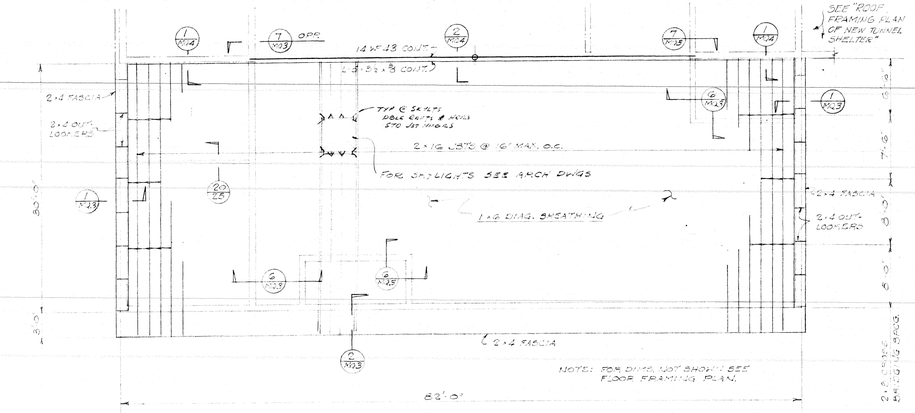
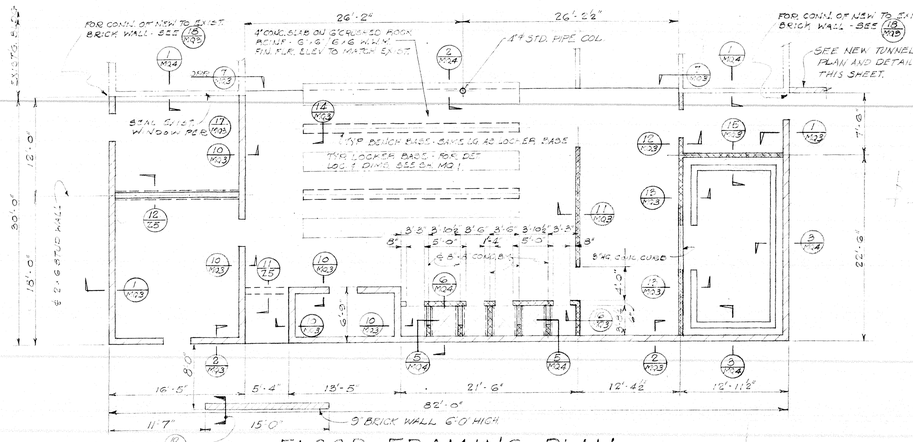
— UNIT-M —
BOYS LOCKER ROOM
PLANS & MISC. DETAILS

JOB 547
SHEET MQ-3
B.O. 69
DATE PRINTED



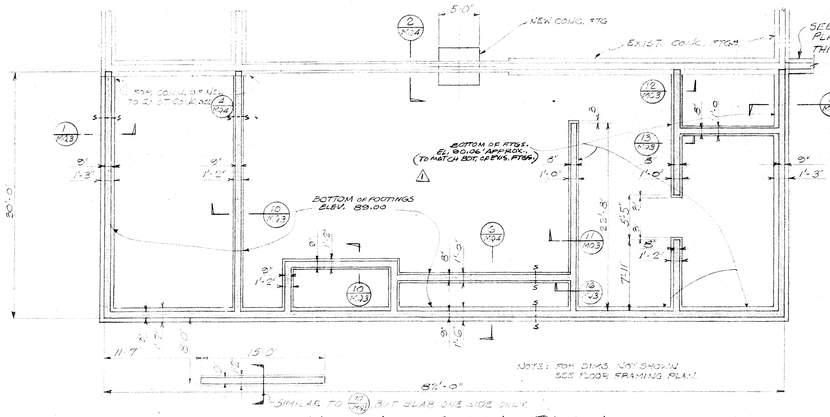
ROOF FRAMING PLAN

SCALE — 1/8" = 1'-0"



FLOOR FRAMING PLAN

SCALE — 1/8" = 1'-0"

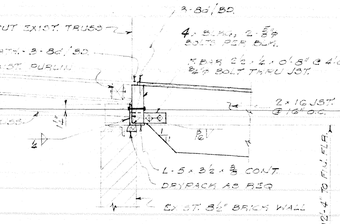


NOTES: FOR DIMS. NOT SHOWN SEE ROOF FRAMING PLAN.

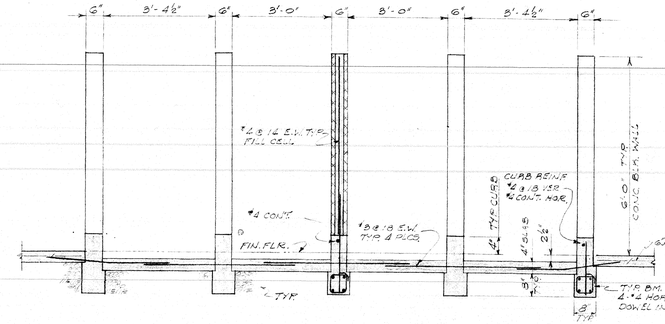
FOUNDATION PLAN

SCALE — 1/8" = 1'-0"

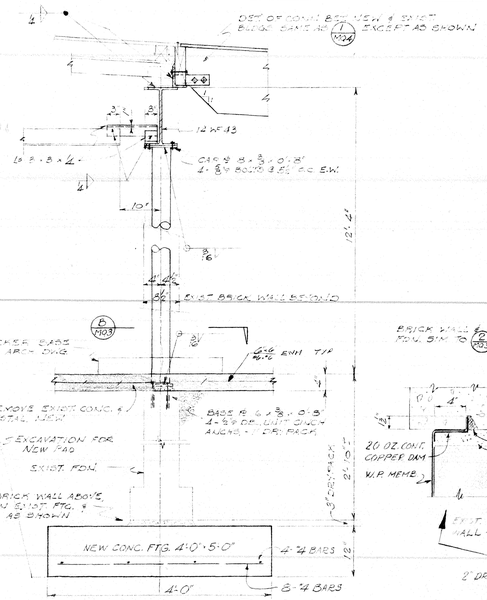
NOTE: FOR MASONRY OPENINGS AND DETAILS SEE ARCHITECTURAL DRAWINGS.



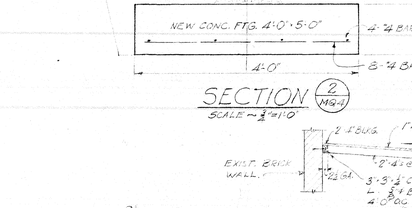
SECTION 1/M4.4



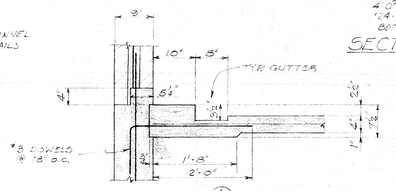
SECTION 5/M4.4



SECTION 2/M4.4

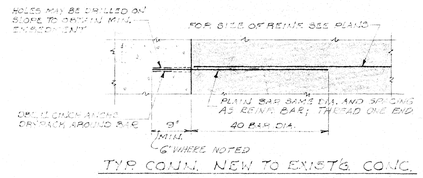


SECTION 12/M4.4



NOTE: THIS SECT. SAME AS 1/M3.3 EXCEPT FOR GUTTER

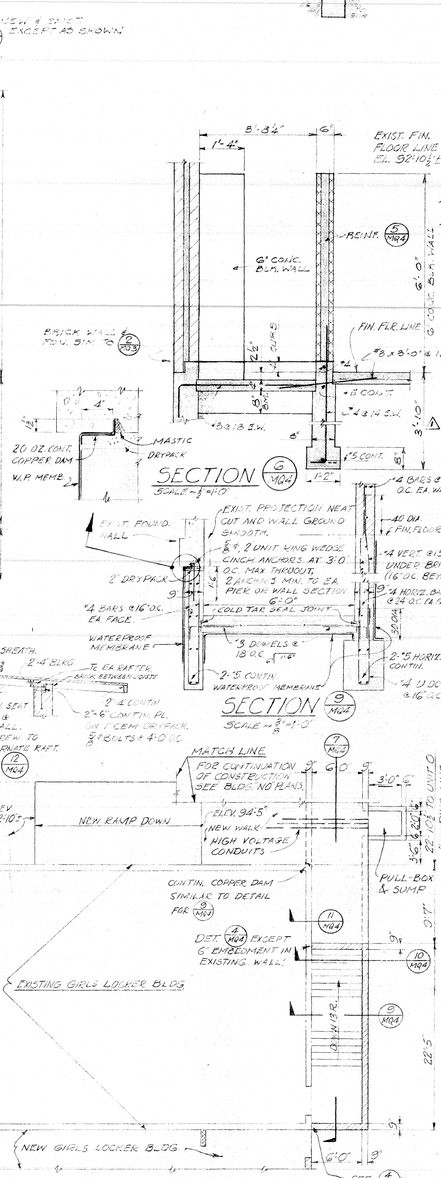
SECTION 3/M4.4

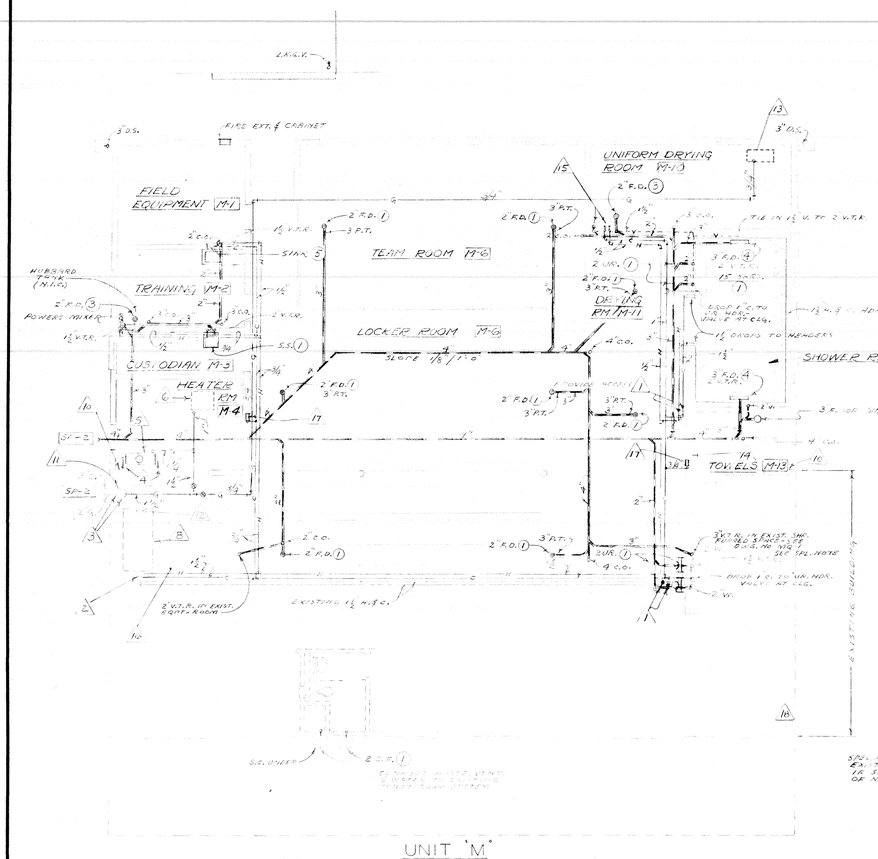


TYP CONN. NEW TO EXIST'G. CONC.

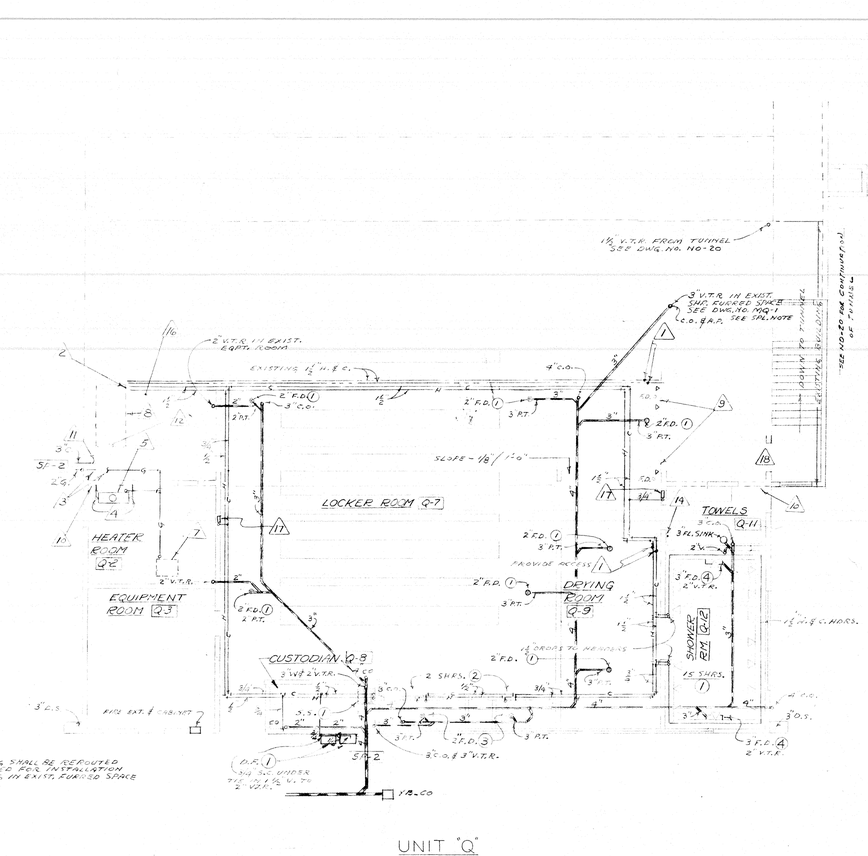
DETAIL 4/M4.4

NO SCALE


8'-8¼"
6"
1'-4"
EXIST. FIN. FLOOR LINE EL. 92'-10½"
NEW DOORWAY (DO NOT REMOVE EXISTING BRICK UNTIL NEW WALL FOOTING HAVE SET 2 WEEKS MIN.)
#5 @ 6'-0" E.W.M.
#5 HORIZ. @ 2'-6" TIES @ 3'-0" O.C.
EXISTING FOUNDATION WALL
PLAS. SKIN COAT
#4 DOWELS @ 18" O.C.
NEW 9" POURED CONC. WALL
#4 FLEX 90° O.T.
SIMILAR TO
LINE OF FOOTING AT EAST WALL SHOWN DOTTED.
EL. 86'-6"
EL. 85'-0"
6" STRUCT. SLAB.
SEE
NEW TUNNEL TO BLDGS. NO.
LOW PT. EL. 84'-6"
EL. 83'-0"
THESE WALLS TO BE POURED ONLY AFTER WALL PIERS HAVE BEEN DRYPACKED A MIN. PERIOD OF 10 DAYS
MIN. CONTRACTOR TO PROVIDE SHORING AS REQUIRED TO PREVENT SOIL SETTLING AWAY FROM EXISTING WALLS, FOOTINGS AND SLABS ADJACENT TO EXCAVATION.
AT P.L. CORNER OF PL. PROVIDE 2" × 2" × ¼" TAPPED PL. WITH ¾" φ ANCHOR BAR WELDED TO SAME TO RECEIVE ⅝" FLAT HD. MACH. SCREW.
EXIST. 8" BRICK WALL
NEW 8" BRICK WALL
EXIST. FIN. FLOOR LINE
#4 DOWELS @ 15" O.C.
#5 HORIZ. CONT.
#4 BARS @ 16" O.C. EA. FACE
#4 VERT. BARS @ 16" O.C. EA. FACE
#4 HORIZ. BARS @ 24" O.C. EA. FACE (STAGG BARS)
#4 SPACERS @ 16" O.C.
#4 BARS @ 12" O.C. EA. WAY
#4 DOWELS @ 18" O.C. SIMILAR
#4 BARS @ 16" O.C.
#4 BARS @ 8" O.C. EA. WAY
#4 DOWELS @ 15" O.C.
#4 BARS @ 12" O.C. EA. WAY
#4 DOWELS @ 18" O.C. SIMILAR
#4 BARS @ 7" O.C. #4 @ 24" EA. WAY TYPICAL
#4 DOWELS @ 7" O.C.
#4 BARS @ 8" O.C. EA. WAY AT CENTER
#4 VERT. @ 15" O.C. FA. FACE (16" O.C. BEYOND WALL)
#4 HORIZ. & STAGG. EA. FACE
#4 DOWELS @ 15" O.C.
#5 HORIZ. CONT.
#4 DOWELS @ 15" O.C.
#4 HORIZ. CONT.
#4 DOWELS @ 18



UNIT "M"
SCALE 1/8"=1'-0"



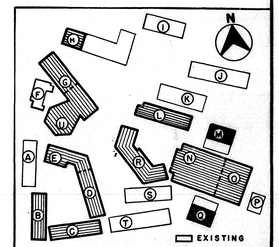
UNIT "Q"
SCALE 1/8"=1'-0"

△ REFERENCE NOTES-SHEET MQ-5

1. INSTALL FEBCO NO. 25 - 1½ REMOTE VALVE IN EACH WATER LINE. VALVES SHALL BE CONTROLLED BY ONE FEBCO 5-S SOLENOID VALVE, 120V., 1Ø INSTALLED AT THE VALVE LOCATION. COLD WATER SUPPLY TO SOLENOID VALVE SHALL BE FITTED WITH ½" SHUT-OFF COCK. COLD WATER SUPPLY TO SOLENOID VALVE AND VALVE DISCHARGE LINES SHALL BE ¾" SOFT COPPER TUBE. DISCHARGE LINES SHALL BE TERMINATED AT POINT TO SPILL IN SHOWER ROOM GUTTER.
2. CONNECT TWO (2) COLD WATER LINES TO NEW 3" SIZE COLD WATER MANIFOLD (1). CONNECT TWO (2) HOT WATER LINES TO NEW 2" SIZE HOT WATER MANIFOLD AT TOP OF TANK (8). EXISTING TANK COUPLING SHALL BE REPLACED WITH NEW 2" SIZE COUPLING. ALL BRANCH LINES SHALL BE VALVED AT THEIR MANIFOLD.
3. CONNECT NEW LOW PRESSURE GAS LINE TO EXISTING SYSTEM.
4. HOT WATER DISCHARGE LINE FROM HEATER (4) SHALL BE CONNECTED THRU A GATE VALVE TO A NEW COUPLING INSTALLED AT THE END OF THE TANK (8), 10" FROM TOP. RETURN LINE SHALL BE CONNECTED TO A NEW COUPLING INSTALLED AT END OF TANK (8), 10" FROM BOTTOM, THRU A GATE VALVE AND BELL AND GOSSETT SIZE, 1½", FLANGED, ½ H.P. CIRCULATING PUMP TO HEATER (4). ALL PIPING SHALL BE 1½" SIZE.
5. LAARS MODEL LEQ 4AT, 309,000 B.T.U. INPUT WATER HEATER INSTALLED COMPLETE AND OPERATIVE WITH 3" SIZE VENT THRU ROOF AND 1" SIZE GAS CONNECTION. RELIEF VALVE DISCHARGE SHALL BE PIPED UNDIMINISHED IN SIZE TO SPILL AT EXISTING FLOOR SINK LOCATED UNDER STORAGE TANK (8). DISCHARGE LINE SHALL NOT BE TRAPPED.
6. MAKE ¾" GAS CONNECTION TO 240,000 B.T.U. INPUT DUCT FURNACE INSTALLED BY H.&V. CONTRACTOR.
7. MAKE ¾" GAS CONNECTION TO 200,000 B.T.U. INPUT DUCT FURNACE INSTALLED BY H.&V. CONTRACTOR.
8. EXISTING 50% GAL STORAGE TANK (42"Ø x 83") SHALL BE FITTED WITH NEW COUPLINGS TO ACCOMODATE NEW PIPING AND AQUASTAT INSTALLATION. NEW WELDED COUPLINGS SHALL EXTEND ½" INSIDE TANK SHELL TO ACT AS BUTT STOP FOR LINING MATERIAL TO BE APPLIED. TANK SHALL BE LINED WITH HEBCO PORCELAIN HOT WATER TANK LINING APPLIED BY TRAINED WORKMAN OF HOW E. BAKER CO., LOS ANGELES 23.
9. THREE (3) EXISTING SHOWERS AND TWO (2) EXISTING FLOOR DRAINS SHALL BE REMOVED.
10. EXISTING ¾" HOSE BIBB SHALL BE RELOCATED TO EXTERIOR WALL.
11. INSTALL NEW 3" SIZE COLD WATER MANIFOLD. REPLACE EXISTING COLD WATER MAKE-UP LINE TO TANK (2) WITH NEW 2" SIZE LINE AND TANK COUPLING. BRANCH LINE SHALL BE VALVED AT MANIFOLD.
12. A MINNEAPOLIS-HONEYWELL L-444A DIRECT ACTING AQUASTAT FOR CONTROL OF HEATER (4) SHALL BE INSTALLED 10" BELOW TANK CENTERLINE AT END OF TANK CLOSEST TO THE EXISTING COLD WATER INLET. CONTROL WIRING TO PUMP, HIGH LIMIT CONTROL AND MAGNETIC GAS VALVE ON HEATER SHALL BE IN ACCORDANCE WITH HEATER MANUFACTURERS WIRING DIAGRAM. CONDUIT, DISCONNECT SWITCH AND ALL INTERCONNECTING WIRING WILL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
13. MAKE ½" GAS CONNECTION TO 65,000 B.T.U. INPUT UNIT HEATER INSTALLED BY H.&V. CONTRACTOR.
14. CONTROL SWITCH FOR REMOTE VALVES (1). CONDUIT SWITCH AND ALL INTERCONNECTING WIRING TO SOLENOID VALVES WILL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
15. ROUGH-IN FOR AUTOMATIC WASHER - 2" "P" TRAP WITH 2"Ø STANDPIPE, ½ H. AND ½ C.
16. DISCONNECT GAS TO EXISTING HYDROTHERM AND REMOVE BRANCH GAS LINE.
17. ¾ H.B. INSTALLED IN POTTER-ROEMER HOSE BIBB BOX.
18. PLUMBING CONTRACTOR SHALL REMOVE EXISTING SHOWERS & PIPING AS REQUIRED FOR NEW DOOR. CAP LINES AS REQ'D. - SEE DWG. NO. MQ-1.

FOR GENERAL NOTES, SYMBOLS, & ABBREVIATIONS REFER TO PLOT PLAN DRAWING NO. SP-2.

INSTALL APPROVED SIGN AT BLDG. GAS SHUT-OFF COCK - SEE PLOT PLAN DRAWING NO. SP-2.



AS BUILT DWGS REVISED 1-16-57

LESTER R. KELLY
MECHANICAL ENGINEER
443 S. BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

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INGLEWOOD UNIFIED SCHOOL DISTRICT

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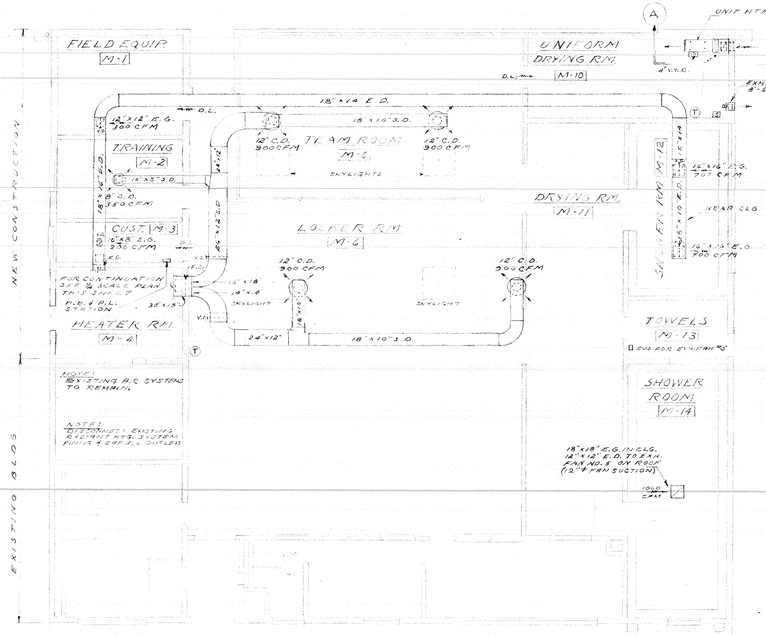
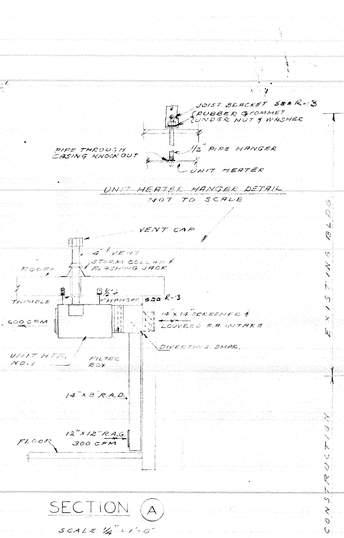
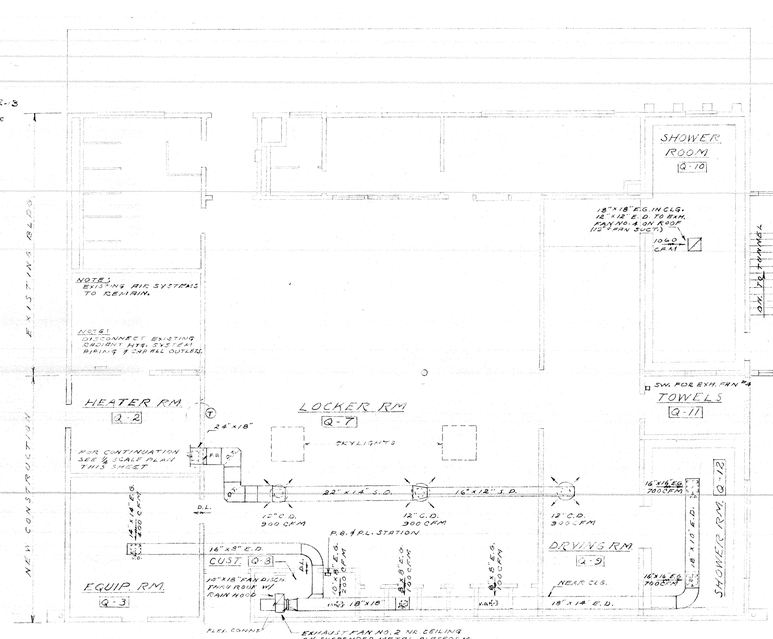
— UNITS-M & Q —
PLUMBING PLANS
DATE PRINTED

JOB 547
SHEET MQ-5
B.O. 71

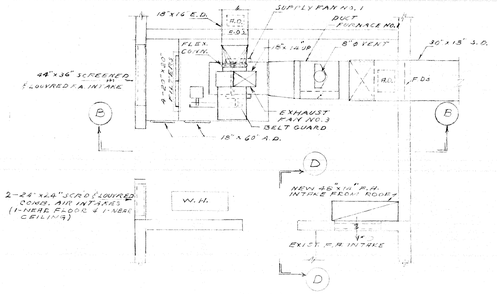
H. & V. SYMBOL SCHEDULE	
T	THERMOSTAT
F.D.	FIRE DAMPER
S.D.	SUPPLY DUCT
C.D.	CEILING DIFFUSER
E.D.	EXHAUST DUCT
E.G.	EXHAUST GRILLE
V.D.	VOLUME DAMPER
D.T.	DUCT TURN
A.D.	ACCESS DOOR
F.A.	FRESH AIR
S/M	SHEET METAL
R.A.D.	RETURN AIR DUCT
R.A.G.	RETURN AIR GRILLE
SW.	SWITCH
P.B.&P.L.	PUSH BUTTON & PILOT LIGHT

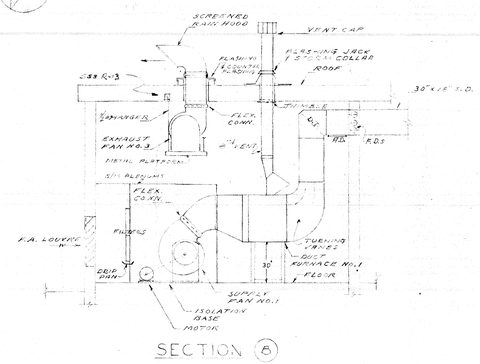


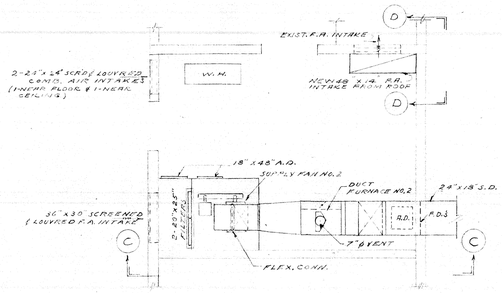


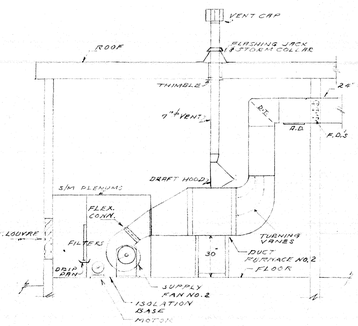


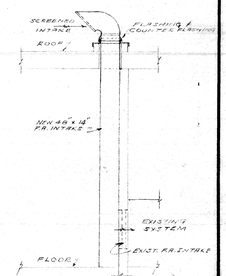
H. & V. EQUIPMENT SCHEDULE	
UNIT HTR. NO. 1	1 AIN 1 RGL. NO. PHS 42-45, 42,000 BTU. INPUT 42,000 BTU. OUTPUT, 600 C.F.M. W/ FILTER, 2 DR. & OUTLET LOUVRES. 1/6 H.P.
DUCT FURN. NO. 1	1 HAYES NO. 243 SEQ-1C (243,000 BTU INPUT, 194,300 BTU OUTPUT FURNACE TO HAVE 30" HIGH STAND & MANUFACTURERS 8" DIA. VENTS WITH MANUAL DAMPERS.
DUCT FURN. NO. 2	1 HAYES NO. 200 SEQ-1, 200,000 BTU INPUT, 160,000 BTU OUTPUT FURNACE TO HAVE 18" HIGH STAND & MANUFACTURERS 8" DIA. VENTS WITH MANUAL DAMPERS.
SUPPLY FAN NO. 1	A.B. CO. NO. 162 SWSISWSI DWDI TAG, CW. ARR. 3 39½ D.E. FAN @ 1750 R.P.M. W.P. 2.38" W.G. BHP 5.63 - 7½ HP. MOTOR, DRIVE: 1 A.C. VARI-PITCH 2.0" PD 3.90 D - 1.0 D. BELT. MOUNT FAN & MOTOR ON FABRENO, VIBREX OR KORFUND ISOLATION BASE.
SUPPLY FAN NO. 2	A.B. CO. NO. 133 SWSISWSI, DWDI TAG. CCW. ARR. 3 2720 D.E. FAN @ 1125 R.P.M. W.P. 2.38" W.G. BHP 3.63 - 5 HP. MOTOR, DRIVE: 1 A.C. VARI-PITCH 2.4" - 3.60 D - 1.0 D. BELT. MOUNT FAN & MOTOR ON FABRENO, VIBREX OR KORFUND ISOLATION BASE.
EXHAUST FAN NO. 1	U.S. 103 S.H. PROPELLER FAN WITH AUTO SHUTTER. 3000 C.F.M. @ 0.25 R.P.M. 1/6 H.P. MOTOR, 1 PH. 1 SPEED.
EXHAUST FAN NO. 2	A.B. CO. NO. 165 DX UTILITY SET. U.D.C.W. 2200 C.F.M. @ 3/8" S.P. 1/2 R.P.M. 1300 D.E. 1 PH. 1 SPEED. MOUNT FAN ON FABRENO, VIBREX OR KORFUND ISOLATION BASE.
EXHAUST FAN NO. 3	A.B. CO. NO. 165 DX UTILITY SET. U.D. C.W. 1900 C.F.M. @ 3/8" S.P. 1/2 H.P. 2088 W.P. 28" MOTOR; MOUNT FAN ON FABRENO, VIBREX OR KORFUND ISOLATION BASE.
EXHAUST FAN NO. 4	JENN AIR MODEL EXHAUSTER 101 CR 1060 C.F.M. @ ⅛" S.P. 1/20 H.P. 1140 R.P.M. MOTOR. PROVIDE MFR'S CURB CAP.
EXHAUST FAN NO. 5	SAME AS EXHAUST FAN NO. 4.











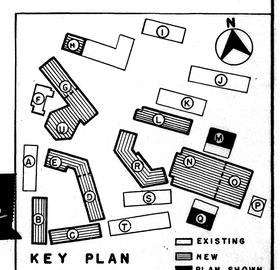
HEATER ROOM M-4
SCALE ½" = 1'-0"

HEATER ROOM Q-2
SCALE ½" = 1'-0"

NOTE: PROVIDE AND INSTALL FIRE DAMPERS WHERE REQUIRED

REFER TO DWG. Z-7 FOR TEMP.

SHT. # MQ-7 IS OUT TO PRINT 1-11-02 S.W.



LESTER R. KELLY
MECHANICAL ENGINEER
443 S. BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

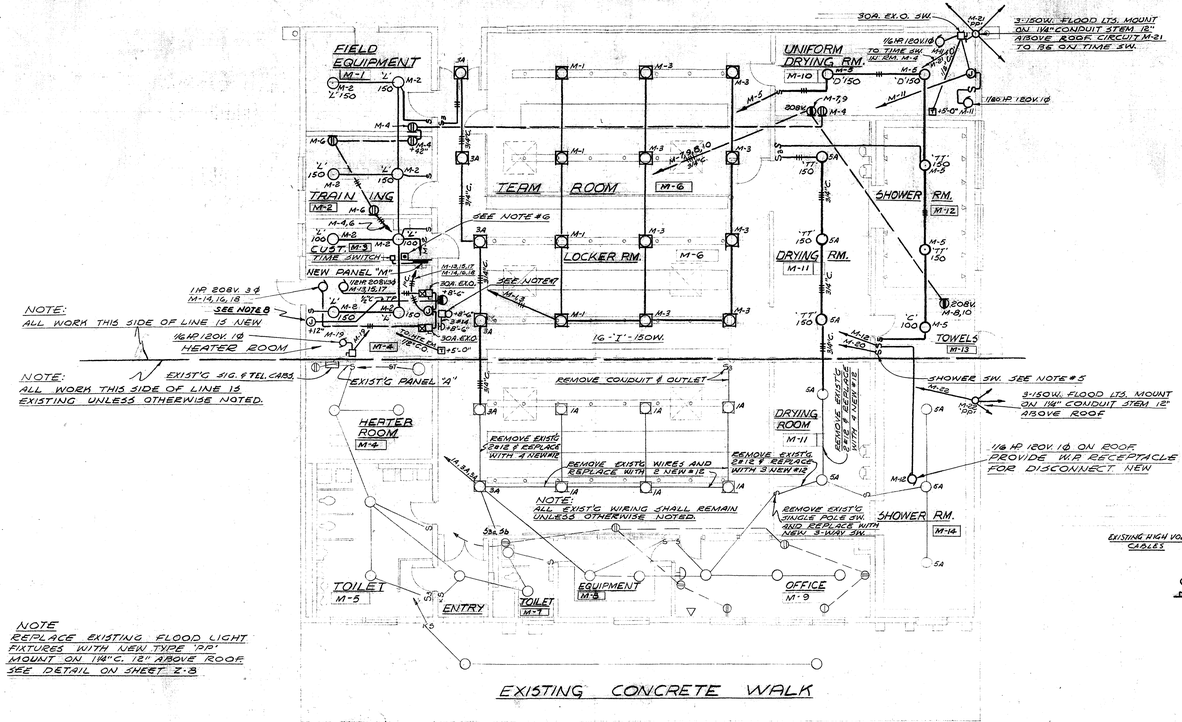
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 22956
APPROVED 12-23-1958
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNITS-M & Q —
HEATING & VENTILATING PLANS & DETAILS

DATE PRINTED

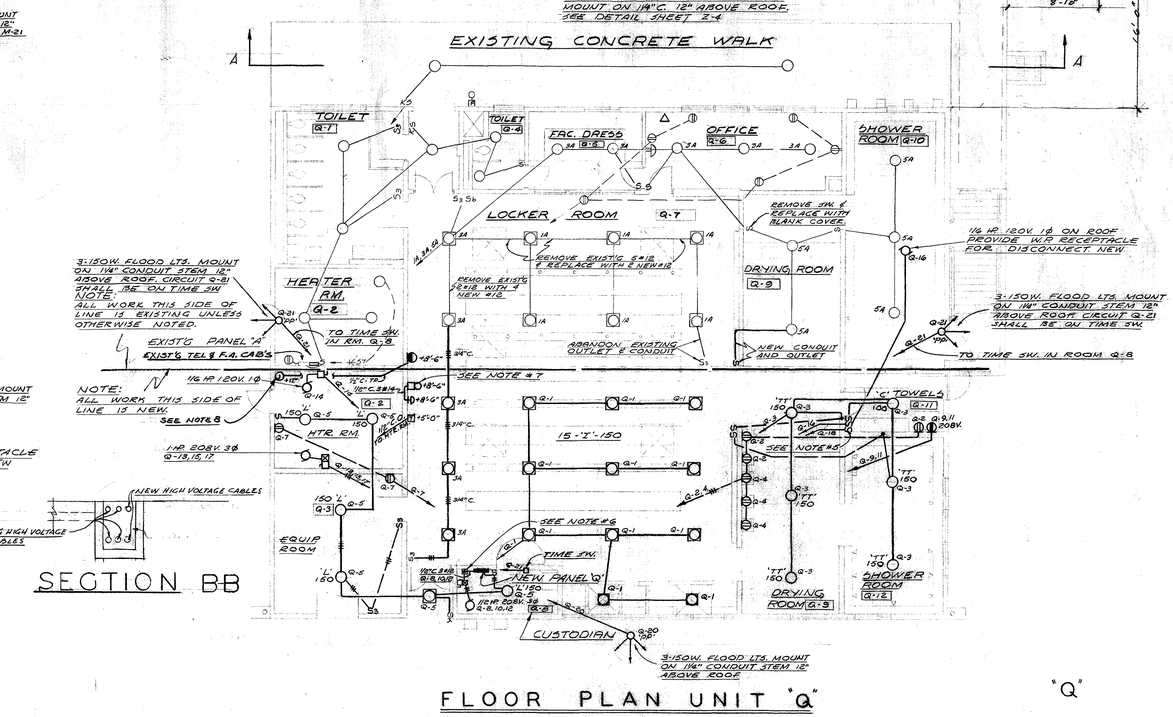
JOB 547
SHEET MQ-6
B.O. 72



EXISTING CONCRETE WALK

FLOOR PLAN - UNIT "M"

SCALE 1/8" = 1'-0"



SECTION B-B

FLOOR PLAN UNIT "Q"

SCALE 1/8 = 1'-0"

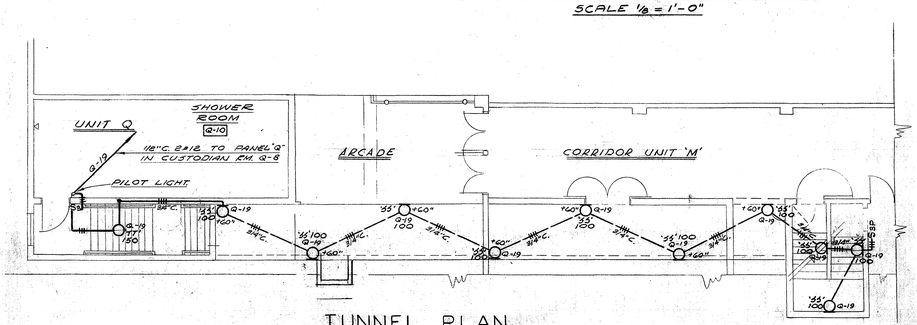
"M" PANEL SCHEDULE

							DESCRIPTION
					208		
1	15	4			600		ROOM NO. M-6
1	15	8			800		" " M-1,2,3,4
1	15	8			1200		" " M-6
1	20		3		600		" " M-1,2,10
1	15	5			700		" " M-10,12,13
1	20		2		400		" " M-2
2	20		1		500		" " M-10 WITH CKT.#9
2	20		1		500		" " M-13 " " #10
	-				500		2 POLES WITH CKT.#7
	-				500		2 " " " #8
1	15			1/6Ø HP	500		ROOM NO.M.10
1	15			1/6 HP	270		ON EXIST'G SHOWER ROOF
3	15			1/2 HP	300		ROOM NO.M-4 WITH CKT.#16,17
3	15			1 HP	420		" " " M-4 " " #16,18
	-				300		3 POLES WITH CKT.#13,14,17
	-				420		3 " " " #14,18
	-				300		ROOM NO.M-4 WITH CKT.#13,15
	-				420		" " " " #14,16
1	15			1/6 HP	270		" " M-4
1	20			S.CONT.	200		SHOWER CONTROLS
1	15	3			450		YARD FLOOD LTS.
1	15	3			450		YARD FLOOD LTS.
1	15						SPARE
1	15						SPARE
TOTAL WATTS					10,600		50A. 3P BAR. 1 1/4" C. 4 #6

NOTE: SEE PANEL "Q"

SPECIAL NOTES
THIS SHEET ONLY

1. VERIFY EXACT LOCATION OF ALL ELECTRICAL OUTLETS, PANELS AND EQUIPMENT ON JOB SITE.
2. VERIFY EXACT LOCATION OF ALL HEATING AND VENTILATING EQUIPMENT TO BE CONNECTED ON JOB SITE BY THIS CONTRACTOR.
3. VERIFY EXACT LOCATION OF ALL PLUMBING EQUIPMENT TO BE CONNECTED ON JOB SITE BY THIS CONTRACTOR.
4. ALL BRANCH CIRCUITS TO BE SWITCHED AT PANEL UNLESS OTHERWISE NOTED.
5. FURNISH AND INSTALL KEYED SWITCH DESPARD N.S.T-1377 AND STAINLESS STEEL PLATE DESPARD N.S.97028. SEE NOTE #14 ON SHEET MQ-5
6. PUSH BUTTON & PILOT LIGHT H.O.A. SWITCH FOR HEATING AND VENTILATING CONTROLS. VERIFY.
7. RUN 1/2" CONDUIT 4 #14 TO EXIST'G. SIG. TERM. CABINET. MAKE ALL NECESSARY CONNECTIONS.
8. CONNECT SPEAKERS IN UNITS "M" & "Q" TO P.A. CONTROL RACK IN UNIT "N" SO SPEAKERS OPERATE FROM P.A. SYSTEM IN UNIT "NO". INTERCEPT P.A. & CLOCK CONDUITS BETWEEN UNITS "M" & "Q" AND TERMINATE IN FIRE ALARM & CLOCK TERMINAL CABINET IN UNIT "NO". OPEN CABLES & CONNECT THEM TO TERMINAL BLOCKS IN TERMINAL CAB. IN UNIT "NO"
9. SEE TYPICAL SHEET Z-8 FOR FLOOD LIGHT MOUNTING DETAIL.



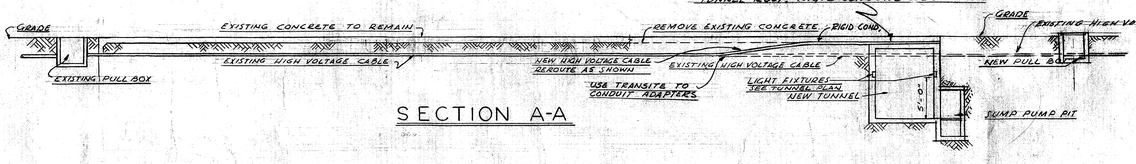
TUNNEL PLAN

"Q" PANEL SCHEDULE

							DESCRIPTION
					208		
1	15	11			1650		ROOM NO. Q-7
1	20		3		600		" Q-9,11
1	15	6			850		" Q-9,11,12
1	20		3		600		" Q-9
1	15	6			600		" Q-2,3,8 outside
1	20						SPARE
1	20		2		400		ROOM NO. Q-2,3
3	15			1/2 HP.	300		" Q-8 W/CKT. #10,12
3	20		1		500		" Q-11 " #11
2	-				300		3 POLES W/CKT.#8,12
-	-				500		2 " " " #9
-	-				300		WITH CKT.#8,10
3	15			1 HP.	420		" Q-2 W/CKT.#16,17
1	15			1/6 HP.	270		" Q-8
	-				420		3 POLES W/CKT.13,15,17
1	15			1/6 HP.	270		ON EXIST'G. SHOWER ROOF WITH CKT.#13,15
					420		
1	15				S.CONT.	200	SHOWER CONTROLS
1	15	11			1100		TUNNEL LIGHTS
1	15	3			450		YARD FLOOD LTS.
1	15	6			900		YARD FLOOD LTS.
1	15						SPARE
1	15						"
1	15						"
TOTAL WATTS					11,320		50A. 3P BAR. 1 1/4" C. 4 #6

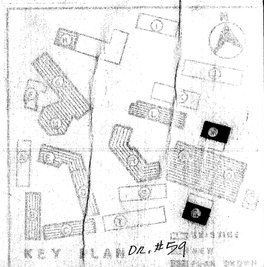
NOTE: REMOVE EXIST'G COPPER TO BLDG 7 "M" & "Q" & REPLACE WITH 4 #2

CUT AND STOP EXISTING HIGH VOLTAGE DUCTS & CABLES AND ROUTE THROUGH NEW PULL BOX TO BRING DUCTS THROUGH TUNNEL ROOF. RIGID CONDUITS OVER TUNNEL.



SECTION A-A

AS BUILT



EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2944
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
NORMANDY 1-4288

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED
(PRINCIPAL STRUCTURAL ENGINEER)

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNITS · M & Q —
ELECTRICAL PLANS DETAILS & SECTIONS

DATE PRINTED

JOB 547
SHEET MQ-7
B.O. 73

(MATCH LINE - SEE SHEET A-1 FOR CONTINUATION)

LEGEND

2" WHITE	MAIN BASKETBALL COURT	1 REQ.	50' x 90'
1½" BLACK	SECONDARY BASKETBALL COURT	2 REQ.	45' x 70'
1" GREEN	VOLLEYBALL COURT	2 REQ.	30' x 60'
1" YELLOW	BADMINTON COURT	7 REQ.	20' x 44'
1" RED	NON-REGULATION VOLLEYBALL COURT	6 REQ.	31' x 54'-9" (VERIFY)

HANDICAP

45469

STATE OF CALIFORNIA DEPARTMENT OF GENERAL SERVICES
FEB 7 1984
OFFICE OF THE STATE ARCHITECT STRUCTURAL SAFETY SECTION LA

NOTE
*PROVIDE & INSTALL AS DIRECTED - BRASS SIGN WITH ETCHED BACKGROUND: READING "OCCUPANT LOAD 810 PERSONS" (GYM) "OCCUPANT LOAD 450 PERSONS" (NATATORIUM)

NOTE
SEE SHEET NO-3 FOR FINISH - WINDOW & DOOR SCHEDULE.

LEGEND
BRICK
CONCRETE
METAL STUDS

FRESH AIR LOUVERS
SCALE 3" = 1'-0"

PLAN @ STAIRWELL & TUNNEL
SCALE 1/8" = 1'-0"

KEY PLAN
EXISTING
NEW
PLAN SHOWN

SCHOOL DISTRICT APPROVAL		DATE	
PRESIDENT			
MEMBER			
ARCHITECT			
ENGINEER			

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

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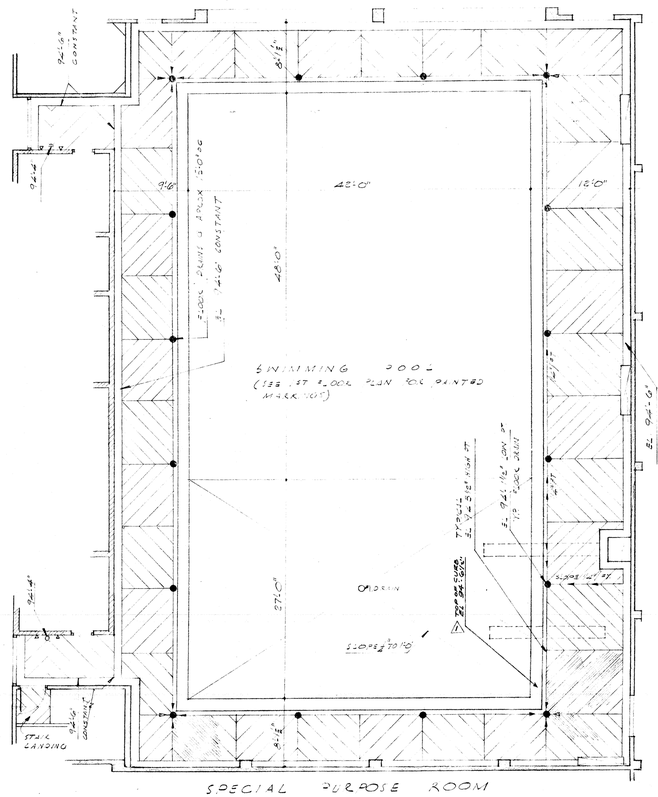
JOHN LOVING PERKINS ARCHITECT AIA · W. W. HUTCHASON ARCHITECT AIA

UNIT - NO -
GROUND FLOOR PLAN GYM, HEALTH CENTER & NATATORIUM

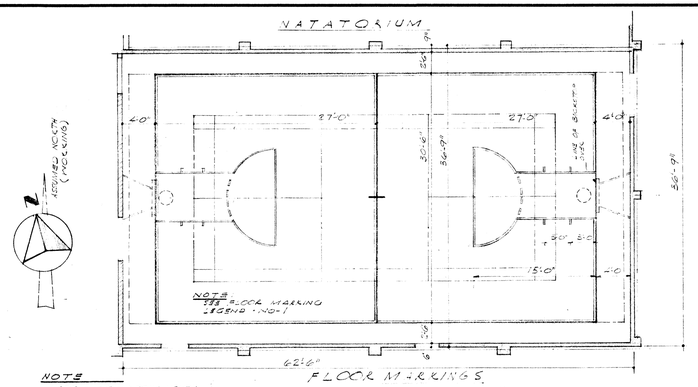
DATE PRINTED

SHEET NO. A-1
50



NATATORIUM DRAINAGE PLAN

SCALE 1/8" = 1'-0"

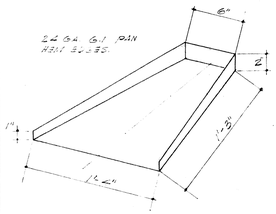


NOTE
1 REQ - NON-REGULATION BASKETBALL - 50'x84'
1 REQ VOLLEYBALL 30'x60'
1 REQ BADMINTON 20'x44'

FLOOR MARKINGS

SPECIAL PURPOSE ROOM

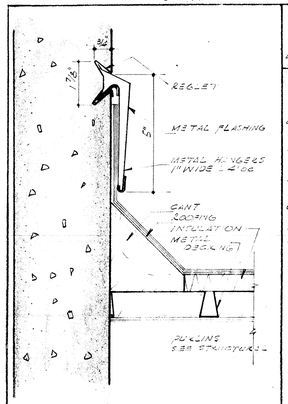
SCALE 1/8" = 1'-0"



SPLASH PAN @ ROOF

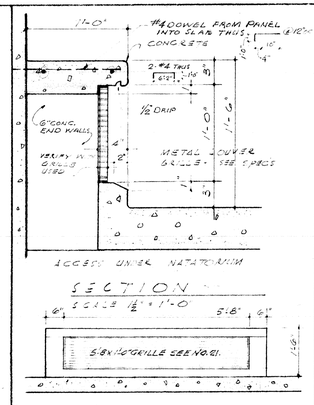
SCALE 1/2" = 1'-0"

4



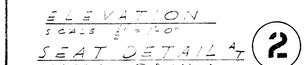
TYPICAL ROOF FLASHING AT CONC WALL

1



SECTION

SCALE 1/2" = 1'-0"

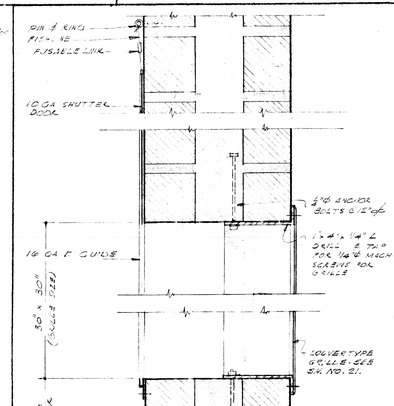


ELEVATION

SCALE 1/2" = 1'-0"

SEAT DETAIL AT NATATORIUM

2



COMBUSTION AIR GRILLE

SCALE 3/8" = 1'-0"

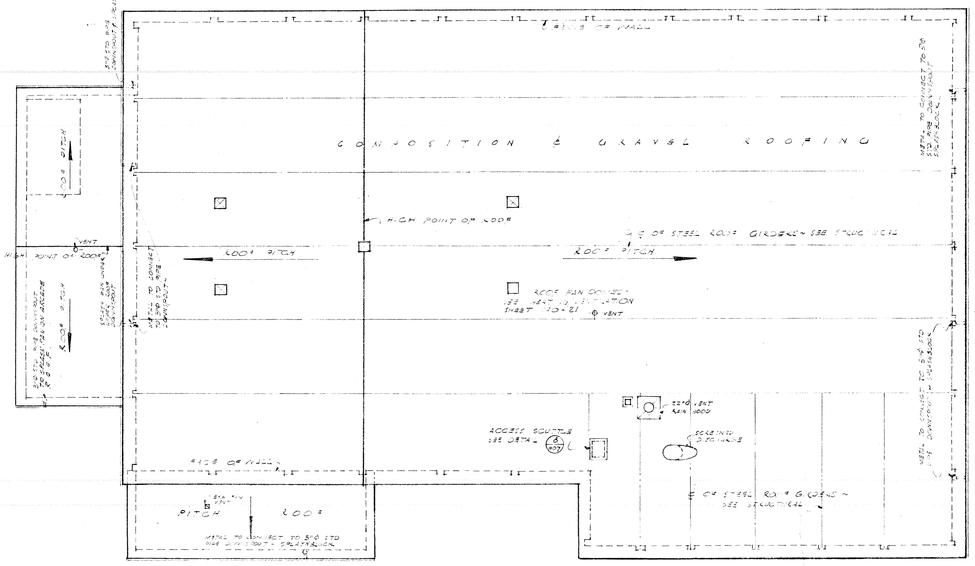
3

INTERIOR FINISH SCHEDULE

ROOM NAME	NO.	FLOOR: CONC. FLOOR SEALED	FLOOR: CONC. FLOOR PAINTED	FLOOR: RESILIENT TILE	BASE: METAL	BASE: RESILIENT COVE	BASE: WOOD	WAINSCT. TILE	WALLS: EXPOSED CONCRETE	WALLS: EXPOSED BRICK	WALLS: 8"-0" TILE	CEILING: EXPOSED CONCRETE	CEILING: PLASTER	CEILING: ACOUSTIC TILE	CEILING: FURRED CEILING COMB. VENTILATION SPACES	REMARKS
COVERED PORCH	N 01		•						•	•		•				
TICKET OFFICE	N 02		•				•		•	•		•		•	(8)	* AT STUD WALLS ONLY
GIRLS TOILET	N 03	•						•			•	•				* SEE SHEET NO 6 FOR DETAILS
BOYS TOILET	N 04	•						•			•	•				* " " " " "
TELEPHONE BOOTH	N 05		•				•		•	•		•			(8)	* 3 STUDS ONLY
FOYER	N 06		•					•	•	•		•			◉	◉ SLOW BURNING
GYMNASIUM	N 07		•			•			•	•				•		*SEE DET SHT #7 & FURRING ONLY
GIRLS REST ROOM	N 08		•				•		•	•		•			(9)	* 6 STUDS ONLY
LINEN	N 09		•				•		•	•		•			(8)	* " " "
BOYS TOILET	N 10		•				•		•	•		•			(8)	* " " "
GIRLS TOILET	N 11		•				•		•	•		•			(8)	* " " "
CORRIDOR	N 12		•				•		•	•		•			(9)	* " " "
RECEPTION ROOM	N 13		•				•		•	•		•			(9)	* AT STUDS @ BRICK WALLS
BOYS REST ROOM	N 14		•				•		•	•		•			(9)	* AT STUD WALLS ONLY
EXAMINATION RM.	N 15		•				•		•	•		•			(9)	* " " " "
CORRIDOR	O 16			•				•	•	•		•			◉	◉ SLOW BURNING * SEE @ FURRING
STAIR	O 17			•				•	•							SEE DETAILS SHT NO-16
PASSAGE	O 18			•				•	•	•		•	•		(8)	* SEE SHT NO 3 FOR @ STUD MARKING
BOYS TOILET	O 19	•						•		•			•		(8)	* SEE SHT NO 6 FOR DETAILS
CUSTODIAN	O 20			•					•				•			
STORAGE	O 21			•					•				•			
FILTER ROOM	O 22			•					•				•			SEE MECHANICAL PLAN - NO-20
GIRLS TOILET	O 23	•						•			•		•		(8)	SEE SHEET NO 6
PASSAGE	O 24			•				•	•	•			•		(8)	*SEE SHEET NO 3
STAIRS	O 25			•				•	•							SEE DETAILS SHT NO-16
GYM GEAR ROOM	O 26			•					•				•			* @ STUD WALL ONLY
NATATORIUM	O 27			•				•	•	•				•		* SEE DETAILS SHT #7
SPECIAL PURPOSE	O 28		•			•			•	•				•		* SEE DETAILS SHEET NO 7
BLEACHERS	O 29			•					•					•		* @ FURRING ONLY
MECHANICAL ROOM	O 30			•				•	•	•			•			* @ STUD WALLS ONLY
TRANSFORMER	O 31			•				•	•	•			•			* " " " "
STANLEY LIGHTING	O 32			•				•	•	•			•			* " " " "
TUNNEL	O 33			•					•				•			SEE SHT. NO 4 * SEE ROOM MARKING NO-1
PUBLIC ADDRESS	O 34			•					•				•			* @ STUD WALL ONLY

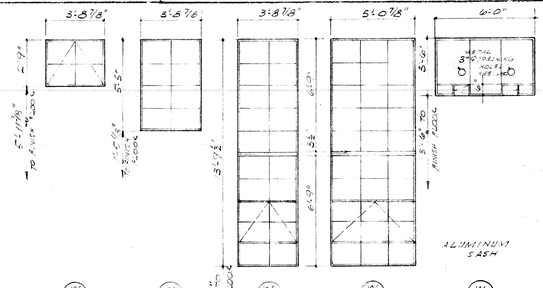
DOOR SCHEDULE

NUMBER	TYPE	DOOR SIZE	MATERIALS	GLASS	REMARKS
D-1	A	3'-0" x 7'-0" x 1 3/4"	WOOD FACING		MINERAL CORE
D-2	A	2'-6" x 7'-0" x 1 3/4"	" "		" "
D-3	B	2'-6" x 7'-0" x 1 3/4"	" "		" "
D-4	D	2'-6" x 7'-0" x 1 3/4"	" "		" " 'B' LABEL
D-5	D	2'-0" x 7'-0" x 1 3/4"	" "		" " 'B' LABEL
D-6	A	3'-0" x 7'-0" x 1 3/4"	" "		" " 'B' LABEL
D-7	D	PR 2'-6" x 7'-0" x 1 3/4"	" "		" "
D-8	D	PR 3'-0" x 7'-0" x 1 3/4"	" "		" "
D-9	D	PR 3'-0" x 7'-0" x 1 3/4"	" "		" "
D-10	A	2'-8" x 7'-0" x 1 3/4"	" "		" "
D-11	E	3'-0" x 7'-0" x 1 3/4"	" "	1'-4" x 5'-2" SAFETY PLATE	" "
D-12	C	3'-0" x 7'-0" x 1 3/4"	" "	2'-1" x 5'-0" " "	" "
D-13	F	PR 3'-0" x 7'-0" x 1 3/4"	" "	2'-1" x 3'-0" " "	" " X
D-14	E	PR 2'-7 1/2" x 7'-0" x 1 3/4"	" "	1'-7" x 3'-0" " "	" "
D-15	G	PR 3'-0" x 7'-0" x 1 3/4"	HOLLOW METAL	SAFETY PLATE	STOCK ALUMINUM
D-16	*H	20'-0" x 11'-6" RD	ALUMINUM		SEE DETAIL 3/NO-7
D-17	J	28'-9 1/4" x 21'-6" (VERT.)	INDUSTRIAL		SEE DETAIL 2/NO-7
D-18	K	4'-0" x 7'-0" x 2 1/2"	WOOD OVER METAL SCREENS		CLASS 'A' FIRE DOOR - SEE DETAIL 4/NO-7
D-19	A	3'-0" x 6'-6" x 1 3/4"	WOOD OVER METAL SCREENS		CLASS 'A' " " " 4/NO-7
D-20	A	3'-0" x 8'-0" x 1 3/4"	WOOD PANELED		MINERAL CORE



ROOF PLAN

SCALE 1/8" = 1'-0"



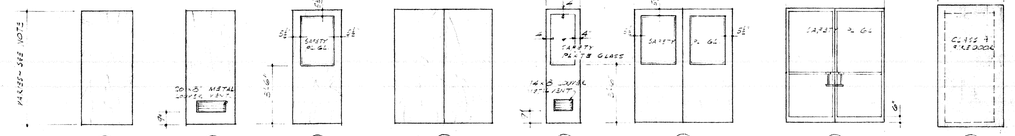
WINDOW SCHEDULE

SCALE 1/2" = 1'-0"

W1 W2 W3 W4 W5

NOTE

- ALL INTERIOR DOORS IN BRICK WALLS TO BE 6'-11" HIGH
- ALL EXTERIOR DOORS IN BRICK WALLS TO BE 6'-11" HIGH



A B C D E F G K

H SEE DETAIL 3/NO7

J SEE DETAIL 2/NO7

DOOR TYPES

SCALE 1/2" = 1'-0"

AS BUILT

SCHOOL DISTRICT APPROVAL — PRESIDENT — MEMBER — ARCHITECT — ENGINEER — DATE

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. — APPROVED FEB 24 1955 — PRINCIPAL STRUCTURAL ENGINEER

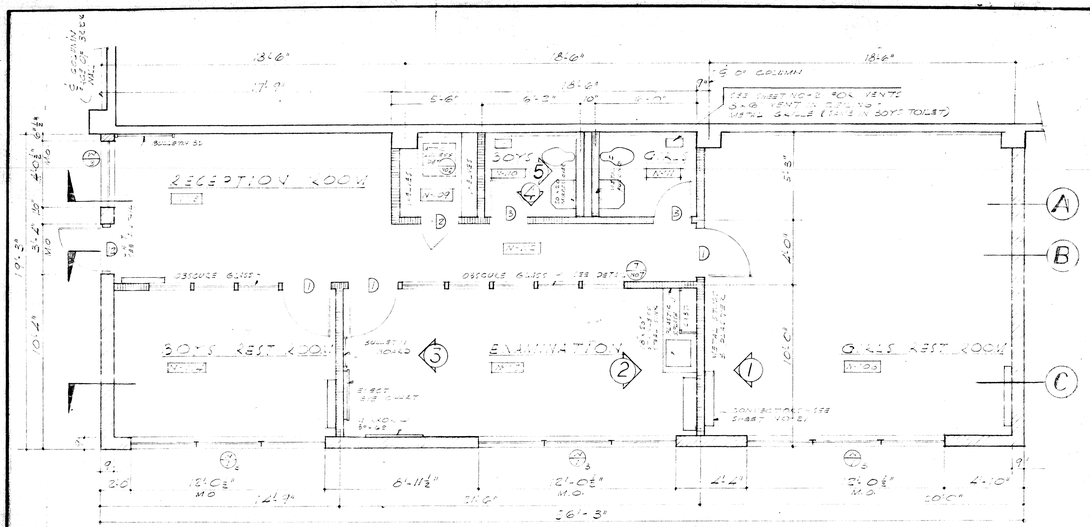
BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

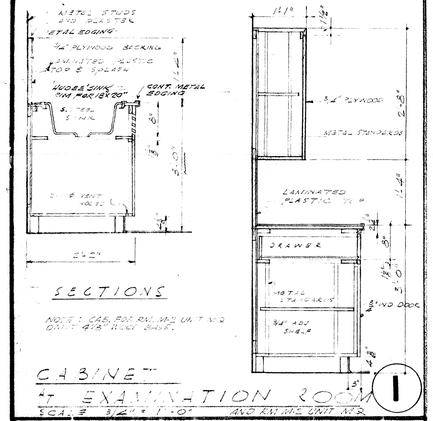
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

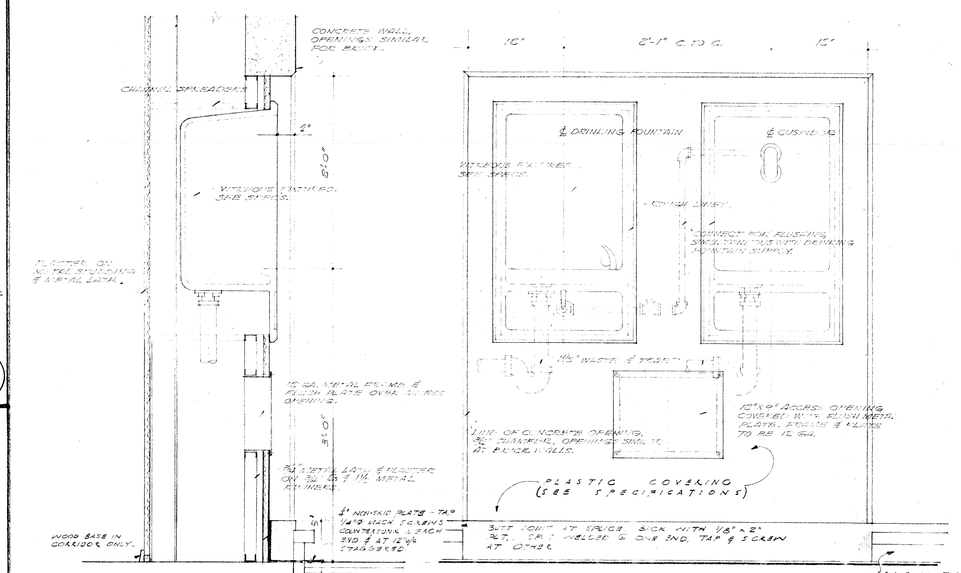
— UNIT - NO —
INTERIOR FINISH, DOOR & WINDOW SCHEDULES & MISC. DETAILS

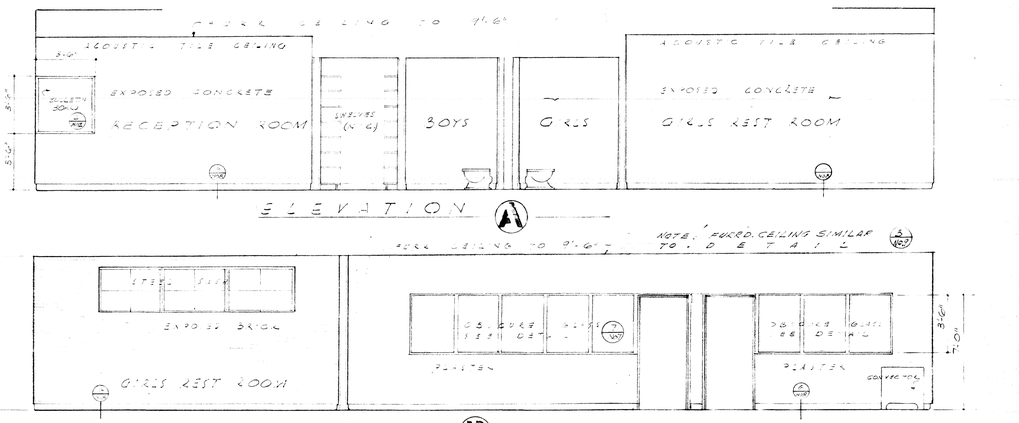
DATE PRINTED

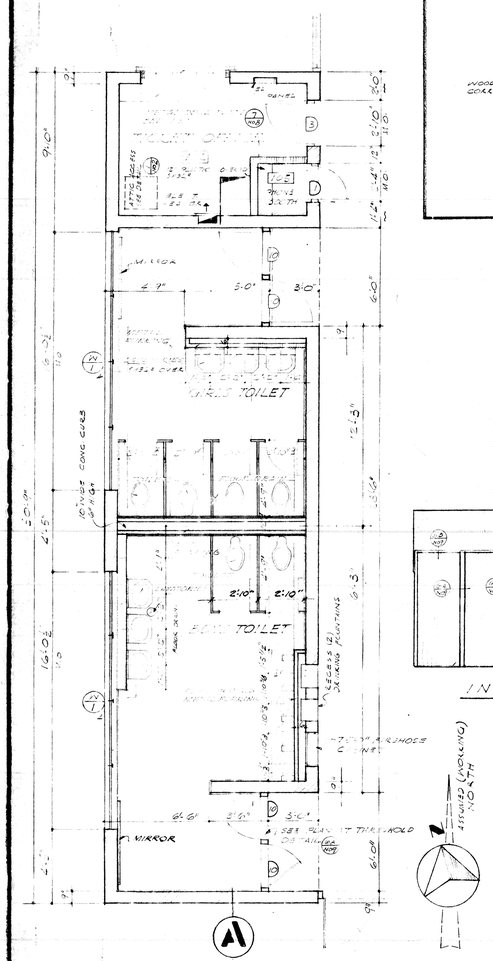
JOB 547
SHEET NO-3
S. 76

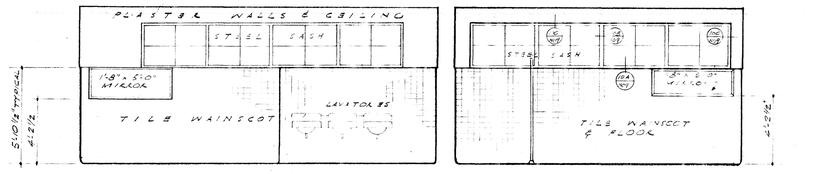


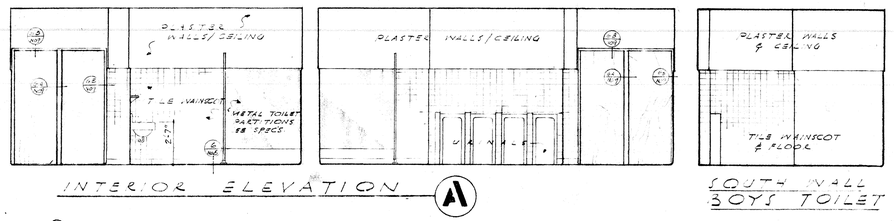


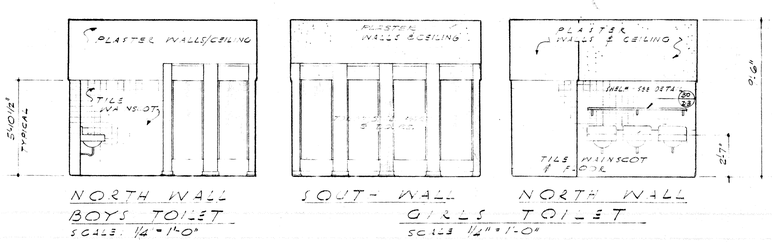












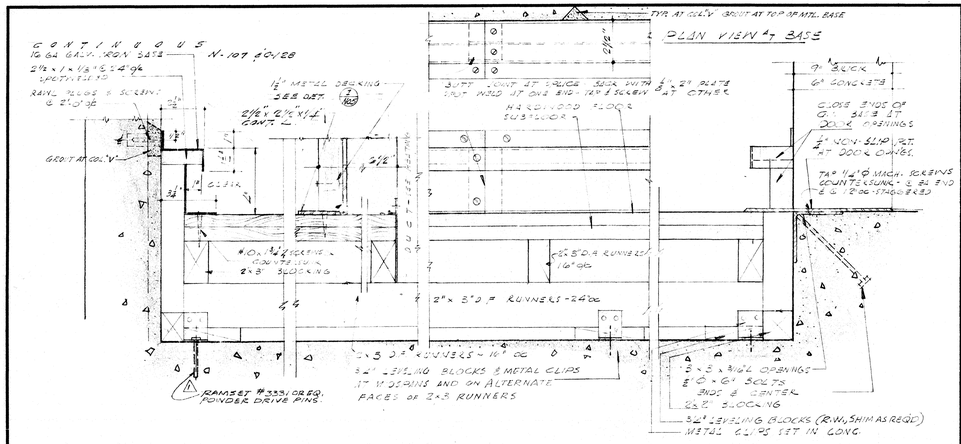
SCHOOL DISTRICT APPROVAL — PRESIDENT — MEMBER — ARCHITECT — ENGINEER — DATE	**ADDITIONS TO MORNINGSIDE HIGH SCHOOL** 10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA INGLEWOOD UNIFIED SCHOOL DISTRICT	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPLICATION NO. — APPROVED FEB 23 1965 PRINCIPAL STRUCTURAL ENGINEER

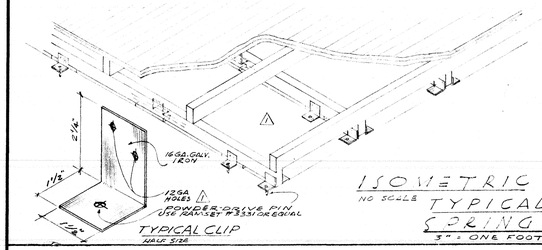
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT-NO —
PLAN & INTERIOR ELEVATIONS OF HEALTH UNIT & TOILETS

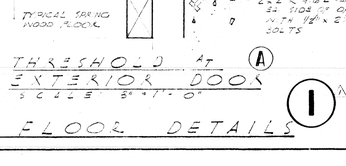
DATE PRINTED

JOB 547
SHEET NO-6
Be 79

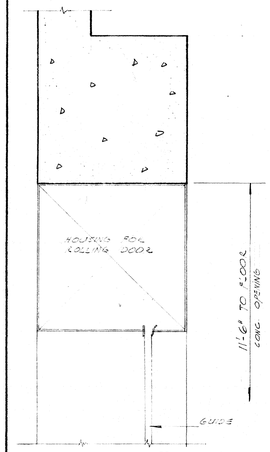




ISOMETRIC
NO SCALE
TYPICAL SPRING FLOOR DETAILS
3" = ONE FOOT



THRESHOLD AT EXTERIOR DOORS
SCALE 3" = 1'-0"



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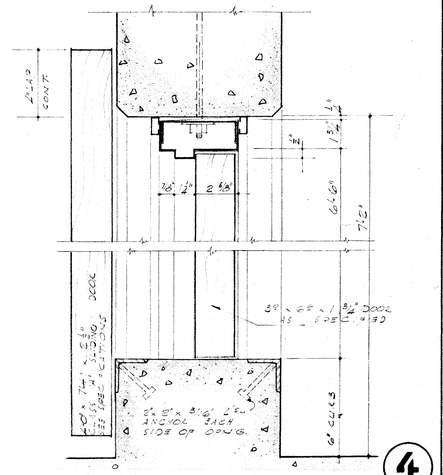

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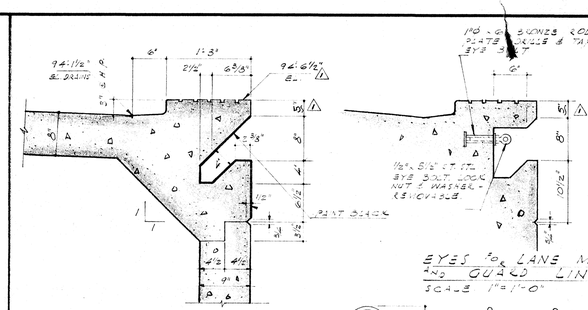

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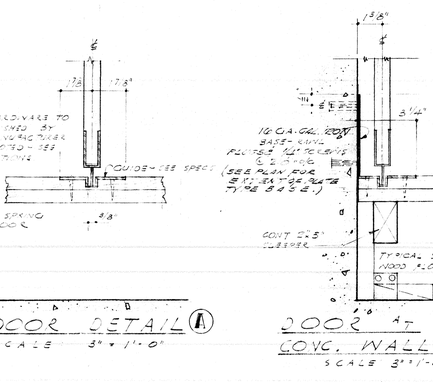

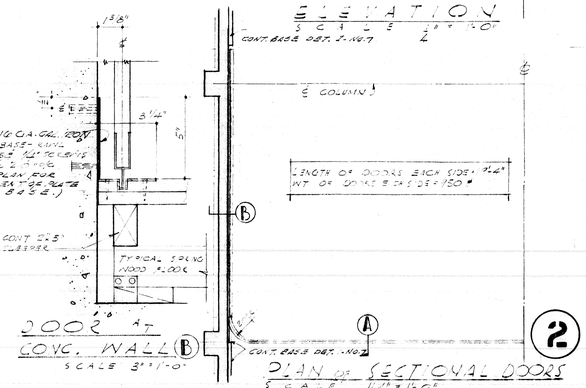

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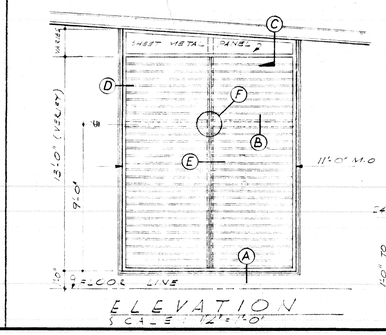
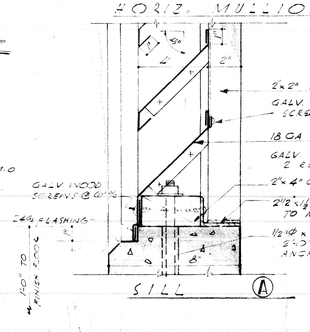
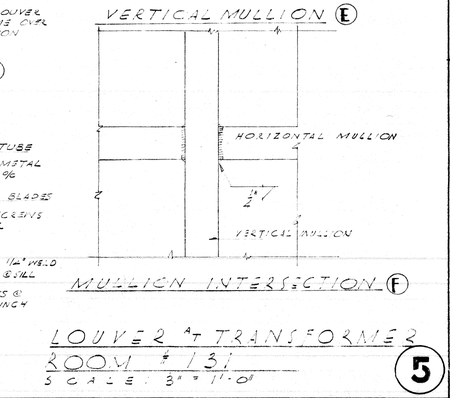
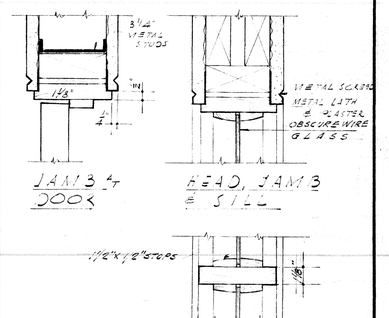






LOUVER AT TRANSFORMER ROOM #131
SCALE 3" = 1'-0"

5



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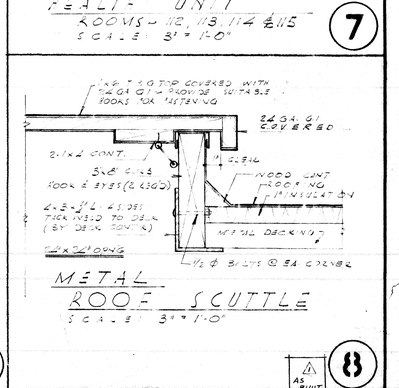


8

⚠ AS BUILT

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

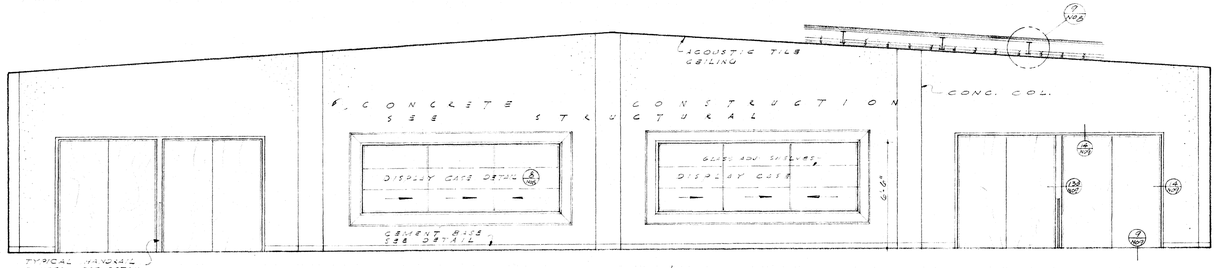
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO.
APPROVED FEB 24 1959
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

-UNIT-NO-
MISC. DETAILS
DATE PRINTED

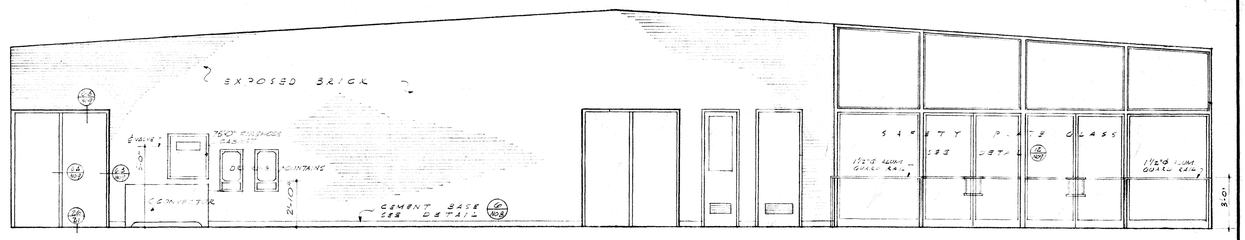
JOB 547
SHEET NO-7
BD. 80



TYPICAL HANDRAIL SYSTEM SEE DETAIL

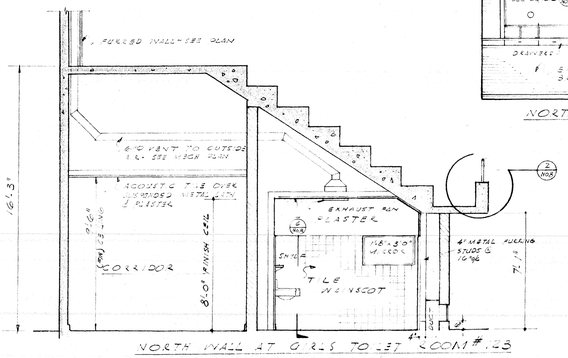
EAST WALL AT FOYER

SCALE: 1/4" = 1'-0"



WEST WALL AT FOYER

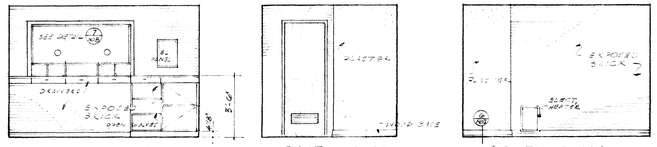
SCALE: 1/4" = 1'-0"



NORTH WALL AT GIRLS TOILET ROOM #123

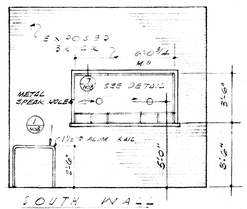
SECTION SHOWING FURRING & VENTILATION

BOYS TOILET SIMILAR



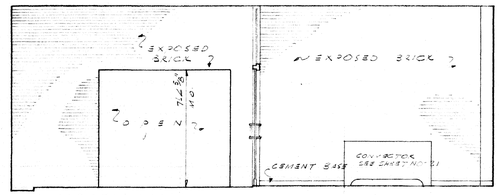
NORTH WALL EAST WALL SOUTH WALL

TICKET OFFICE

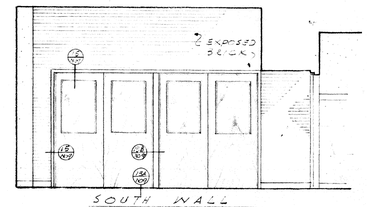


SOUTH WALL

COVERED PORCH & FOYER

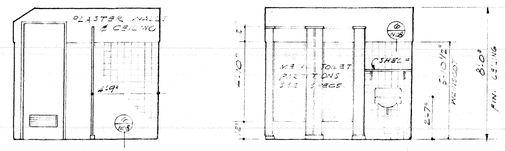


NORTH WALL



SOUTH WALL

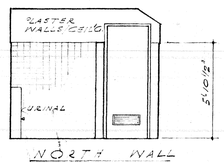
FOYER



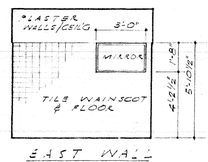
SOUTH WALL WEST WALL

GIRLS TOILET RM. 123

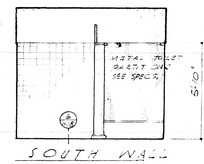
SCALE 1/2" = 1'-0"



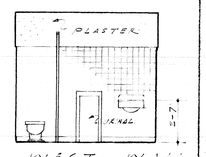
NORTH WALL



EAST WALL



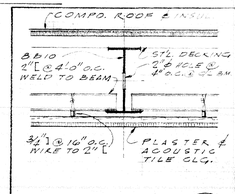
SOUTH WALL



WEST WALL

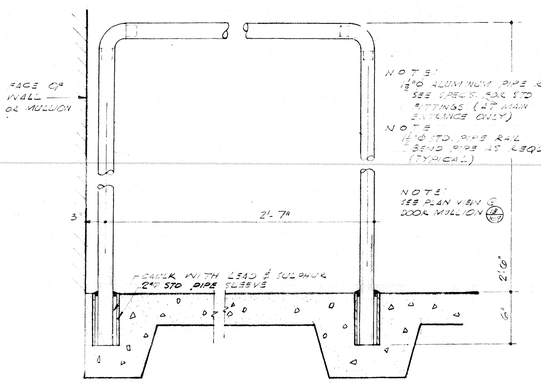
BOYS TOILET 200M 119

SCALE: 1/4" = 1'-0"



CEILING DETAIL 9

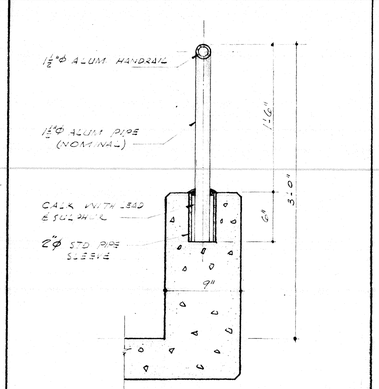
SCALE 1/2"=1'-0"



HANDRAIL DETAIL - TYPICAL

SCALE: 1 1/2" = 1'-0"

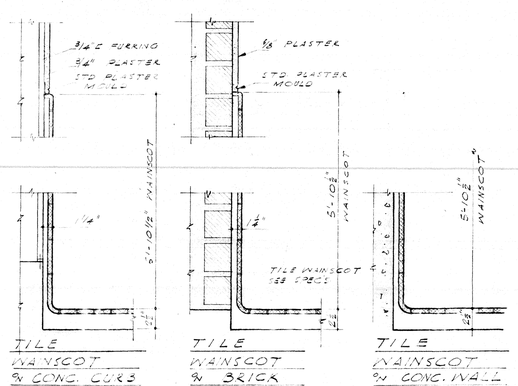
1

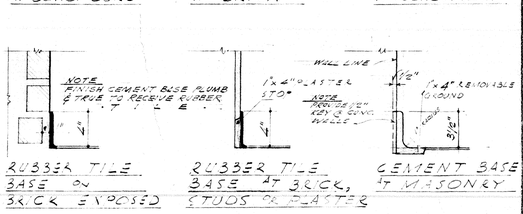


POOL RAIL DETAIL AT NATATORIUM

SCALE: 1 1/2" = 1'-0"

2

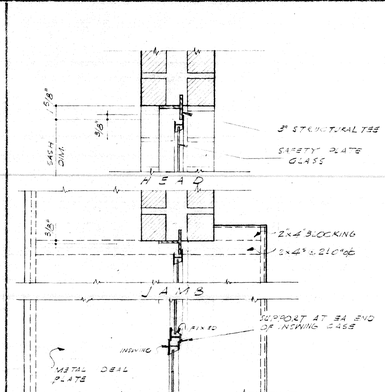




TYPICAL BASE DETAILS

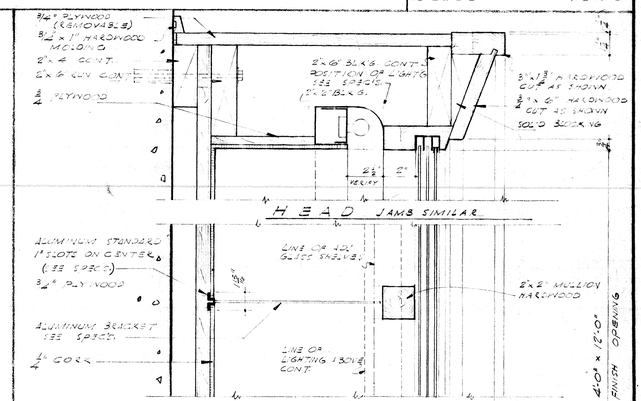
SCALE: 1 1/2" = 1'-0"

6



TICKET WINDOW DETAIL SCALE: 1 1/2" = 1'-0"

7



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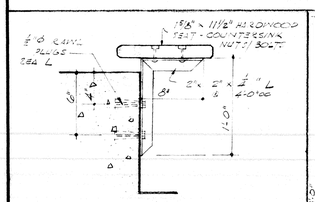

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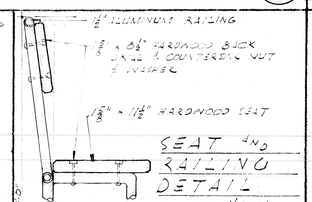

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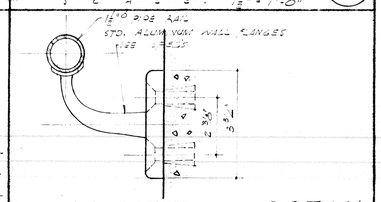


5

SCHOOL DISTRICT APPROVAL — DATE

PRESIDENT

MEMBER

ARCHITECT

ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 3

APPROVED: FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT - NO —
MISC. INTERIOR ELEVATIONS & DETAILS

DATE PRINTED

JOB 547

SHEET NO-8

BD. B1

RAKE DETAIL AT LOW ROOF CONST. — SCALE 1½" = 1'-0" — 1

FASCIA DETAIL AT BRICK — SCALE 1½" = 1'-0" — 2

SUSPENDED CEILING — SCALE 1½" = 1'-0" — 3

RAKE DETAIL AT HIGH ROOF CONST. — SCALE 1½" = 1'-0" — 4

FASCIA DETAIL AT HIGH ROOF CONSTRUCTION — SCALE 3" = 1'-0" — 5

HEAD — D

JAMB AT PIER — C

ELEVATION — SCALE 1" = 1'-0" — A

HORIZONTAL TRANSOM BAR AT FIXED PANEL — B

VERTICAL BAR SIMILAR TO HORIZONTAL BAR — C

MEETING STILES — H

JAMB - TYPICAL — D

CENTER VERTICAL MULLION AT DOORS — J

VERTICAL MULLION AT FIXED SIDE PANELS — E

TRANSOM BAR SIMILAR TO VERT. MULLION — G

SILL AT STATIONARY GLASS — F

THRESHOLD AT DOORS — K

MAIN ENTRANCE DOORS AT FOYER — SCALE 3" = 1'-0" — 12

NOTE
ALL SASH, DOORS & TRIM NUMBERS LISTED ARE AS PER KAWNEER ENTRANCE DETAILS. SEE SPECIFICATION. REFER TO DETAIL 4A. 6/13 FOR ALTERNATE DETAILS FOR STEEL FRAME...

MULLION — A

DOOR DETAILS AT TOILET RMS. — SCALE 3" = 1'-0" — 6

HEAD - JAMB SIMILAR — B

MULLION — B

SILL AT EXTERIOR DOORS IBE 4 — A

13

JAMB AT METAL STUD WALL — SCALE 3" = 1'-0" — 7

HEAD SIMILAR

SILL AT RECEPTION FIXED SASH — SCALE 3" = 1'-0" — 8

THRESHOLD AT SPRING WOOD FLOOR — SCALE 3" = 1'-0" — 9

HEAD AT INTERIOR DOORS IN CONCRETE JAMB SIMILAR — SCALE 3" = 1'-0" — 14

HEAD — JAMB SIMILAR — C

MULLION — B

SILL — A

WINDOW DETAIL AT TOILET ROOMS-HEALTH — SCALE 3" = 1'-0" — 10

DOOR HEAD AT EXTERIOR BRICK WALLS JAMB SIMILAR — SCALE 3" = 1'-0" — 15

LADDER DETAIL — SCALE 3" = 1'-0" — 16

SILL — A

WINDOW DETAILS AT NATATORIUM — SCALE 3" = 1'-0" — 11

DOOR HEAD AT CONCRETE EXTERIOR WALL JAMB SIMILAR — SCALE 3" = 1'-0" — 17

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 22553 — APPROVED — PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

-UNIT-NO-
MISC. DETAILS
DATE PRINTED

JOB 547
SHEET NO-9
DRG. 22

198'-3"

A B C D E F G J L N P Q

18'-0" 18'-6" 18'-6" 18'-6" 18'-6" 18'-6" 18'-6" 10'-9" 18'-0" 15'-6" 21'-6" 21'-6" 10'-3"

1 2 3 4 5 6 8 9

18'-9" 18'-3" 18'-3" 18'-3" 19'-0" 18'-9" 18'-3" 18'-3" 18'-3" 18'-9"

110'-6" 128'-9"

℄ FTGS.

27'-9" 13'-0" 29'-0" 1'-6"

FACE OF WALL

FACE OF WALL ℄ COL.

FACE OF FTG. WALL

STAIRWELL DETS. SEE

INSIDE FACE OF WALL

HOLD POUR OF CONT. FTG. ON LAST 3 FT. FOR LAP OF PANEL DOWELS WITH WALL REINF.

SEE SHT. NO-19

SWIMMING POOL SEE SHT. NO-12

TOP SLAB EL. 85'-9"

BOT./PIT EL. 78'-6"

TOP SLAB EL. 91'-6"

TUNNEL

6" SLAB

FOR BALANCE OF TUNNEL SEE INT. NO-4

℄ COL. ℄ FACE OF WALL

G H K M N O Q

1'-0" 11'-6" 12'-3" 15'-10½" 15'-10½" 15'-10½" 15'-10½"

87'-3"

FOUNDATION PLAN

SCALE ⅛"=1'-0"

NOTE FOR DETS OF COL. FTGS. SEE SH. 10

SECTION 7/NO-10 — SCALE ½"=1'-0"

SECTION 8/NO-10 — SCALE ½"=1'-0"

TYP. 8" CONC. WALL REINF. SEE 1/2-8

ELEV. VARIES SEE FNDT. PLAN

SEE FNDT. PLAN

SECTION 1/NO-10 — SCALE ½"=1'-0"

SECTION 2/NO-10 — SCALE ½"=1'-0"

SECTION 3/NO-10 — SCALE ½"=1'-0"

SECTION 4/NO-10 — SCALE ½"=1'-0"

SECTION 5/NO-10 — SCALE ½"=1'-0"

SECTION 6/NO-10 — SCALE ½"=1'-0"

TYPICAL CONDITIONS FOR DEPRESSED SLABS AT TERRAZZO FLOORS

SCALE: ½"=1'-0" OR AS NOTED

KEY PLAN

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1616 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 1233 8
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT-NO —
FOUNDATION & DETAILS PLAN
DATE PRINTED

JOB 547
SHEET NO-10
P.O. 83

STRUCTURAL FLOOR FRAMING PLAN

SCALE 1/8"=1'-0"

SECTION (X) — 3/4" = ONE FOOT

ELEVATION 5 — 6 — SCALE 1/8" = ONE FOOT

PLAN DETAIL (Q) — 3/4" = ONE FOOT

SECTION (4)

SECTION (1) — SCALE 1/2"=1'-0"

SECTION (2) — SCALE 1/2"=1'-0"

SECTION (3) — 3/4"=1'-0"

SECTION (A) — 3/4"=1'-0"

TYP. NON-BRG. BRICK WALL

NOTES

1. FOR DIMENSIONS NOT SHOWN SEE SHEETS NO-1 & NO-7.
2. UNLESS OTHERWISE SHOWN OR NOTED ALL SLABS ARE 4" THICK WITH 6"x6"/6"-6" E.W. MESH BEARING ON 1" SAND & 6" GRAVEL, EXCEPT STRUCT. SLABS & AREA AROUND POOL.
3. PRECAST CONCRETE PANELS ARE MARKED ON PLAN THUS (10). PANELS ARE DETAILED & VIEWED FROM SIDE. PANEL MARK OCCURS ON PLAN. FOR PANEL DETAILS SEE SHEET NO-17 & NO-18.
4. ALL CONCRETE COLUMNS SHOWN ARE 1'-6" SQUARE EXCEPT THOSE ON COLUMN L/ME "Q", WHICH ARE 12"x18", NORTH, SOUTH DIMENSION IS 1'-0", EAST-WEST IS 1'-6".

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1628 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT — Balch Bryan
ENGINEER

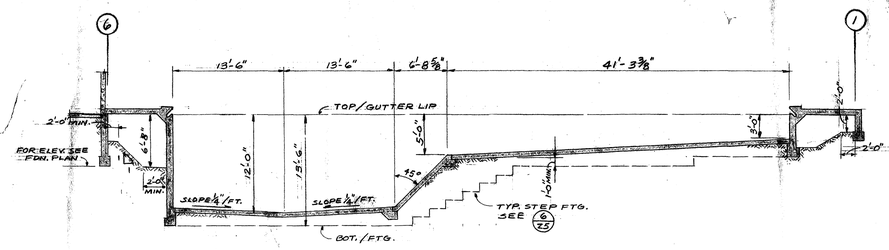
ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 3225
APPROVED FEB
BY PRINCIPAL STRUCTURAL ENGINEER

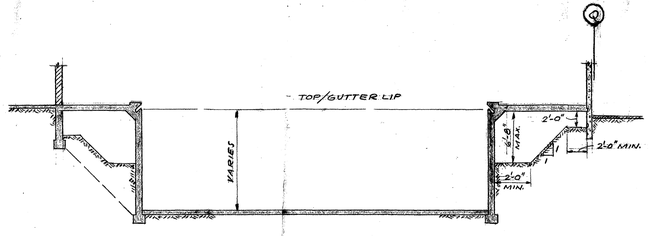
BALCH · BRYAN · PERKINS · HUTCHASON
2533 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA — LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA — W. K. HUTCHASON ARCHITECT AIA

AS BUILT
—UNIT-NO—
STRUCTURAL FLOOR FRAMING PLAN
DATE PRINTED
JOB 547
SHEET NO-11
B.O. 84



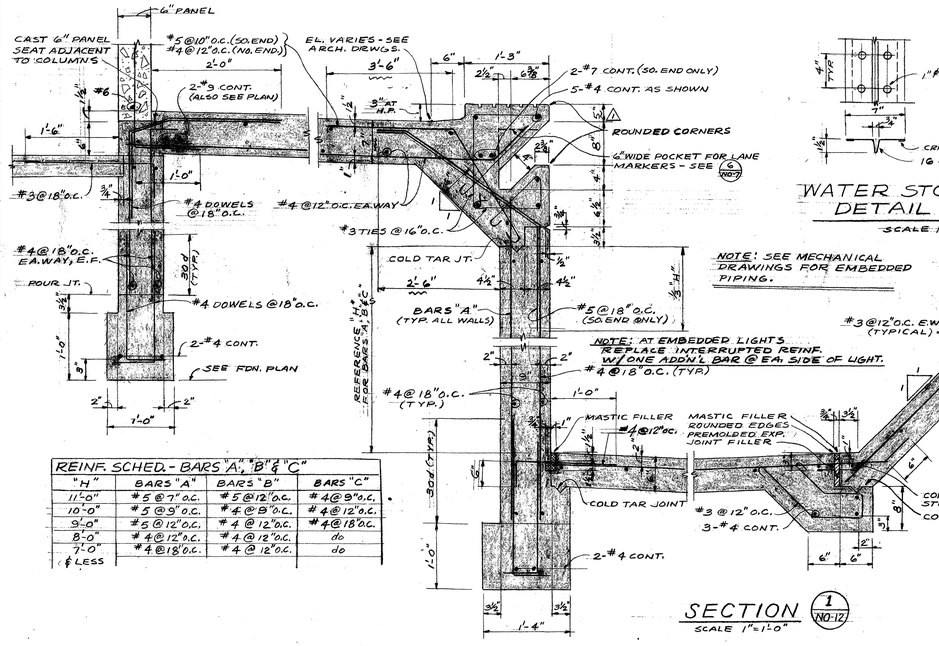
TYPICAL LONGITUDINAL SECTION

SCALE 1/8"=1'-0"



TYPICAL LATERAL SECTION

SCALE 1/8"=1'-0"



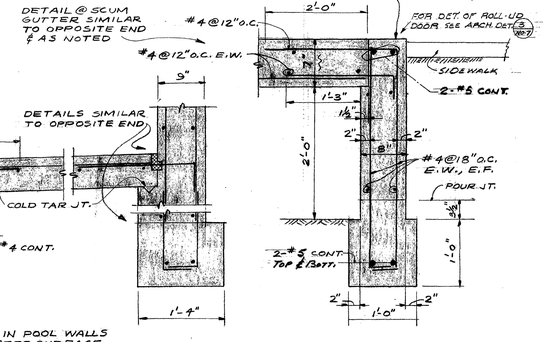
SECTION 1 NO-12

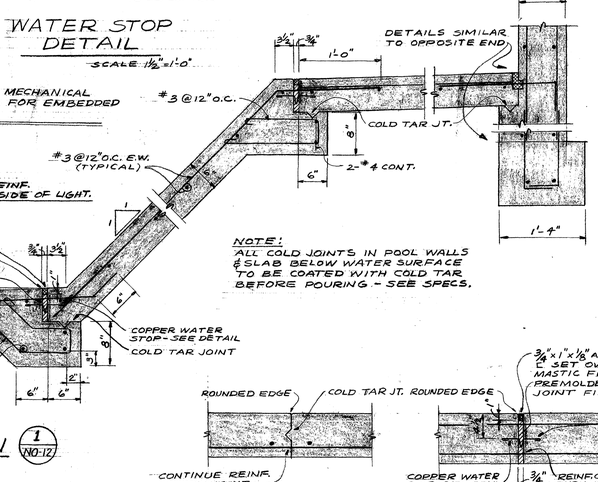
SCALE 1"=1'-0"

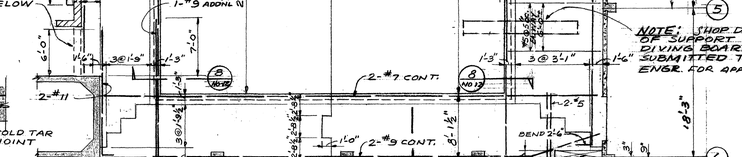
REINF. SCHED. - BARS "A", "B" & "C"			
"H"	BARS "A"	BARS "B"	BARS "C"
11'-0"	#5@7" O.C.	#5@12" O.C.	#4@9" O.C.
10'-0"	#5@9" O.C.	#4@9" O.C.	#4@12" O.C.
9'-0"	#5@12" O.C.	#4@12" O.C.	#4@18" O.C.
8'-0"	#4@12" O.C.	#4@18" O.C.	do
7'-0" & LESS	#4@18" O.C.	#4@12" O.C.	do

WATER STOP DETAIL

SCALE 1 1/2"=1'-0"

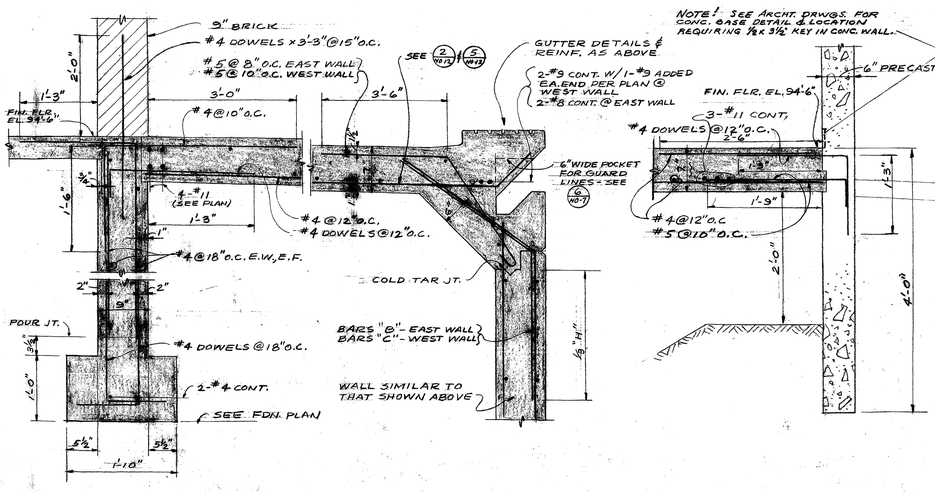






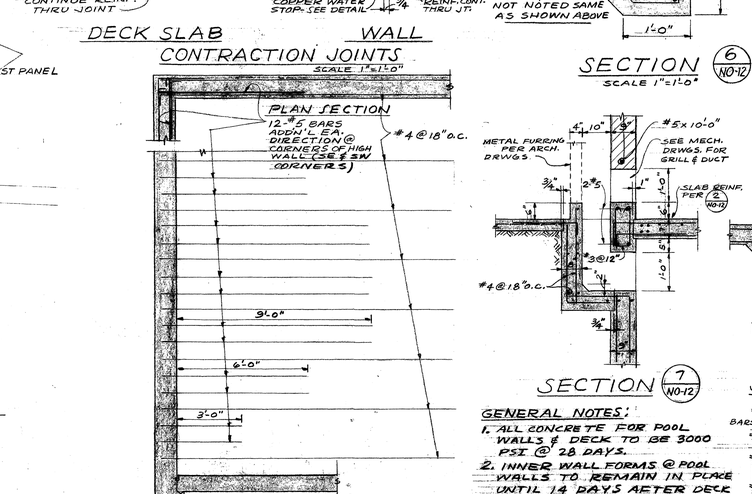
PLAN

SCALE 1/8"=1'-0"



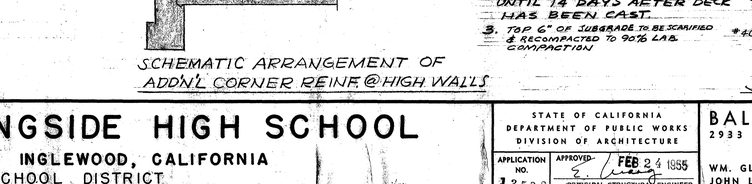
SECTION 2 NO-12

SCALE 1"=1'-0"



SECTION 3 NO-12 & 4 NO-12 (OPP. HAND & AS NOTED)

SCALE 1"=1'-0"



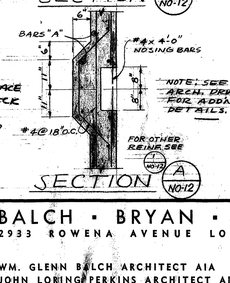
SCHEMATIC ARRANGEMENT OF ADD'L CORNER REINF. @ HIGH WALLS

SECTION 6 NO-12

SCALE 1"=1'-0"

SECTION 7 NO-12

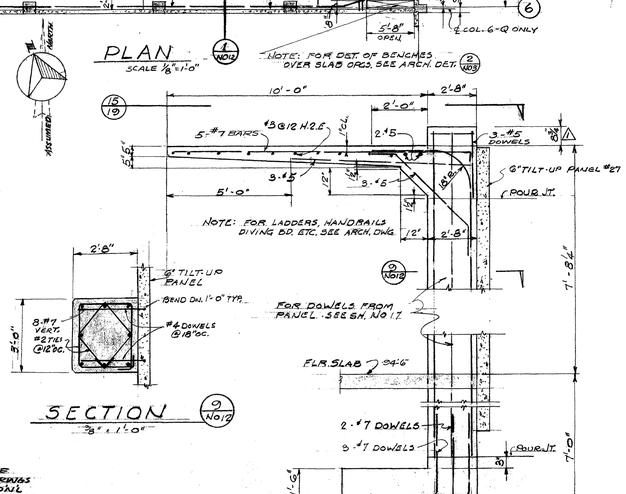
SECTION 8 NO-12



SECTION A NO-12

GENERAL NOTES:

1. ALL CONCRETE FOR POOL WALLS & DECK TO BE 3000 PSI @ 28 DAYS.
2. INNER WALL FORMS @ POOL WALLS TO REMAIN IN PLACE UNTIL 14 DAYS AFTER DECK HAS BEEN CAST.
3. TOP 6" OF SUBGRADE TO BE SCARIFIED & RECOMPACTED TO 90% LAB. COMPACTION



SECTION 9 NO-12

DIVING BD. SUPPORT 10 NO-12

AS BUILT

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
8626 SILVET LAKE BLVD.
LOS ANGELES 28 CALIF.

SCHOOL DISTRICT APPROVAL — DATE

PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

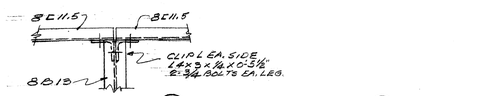
APPLICATION NO. 12538 — APPROVED FEB 24 1955 — PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

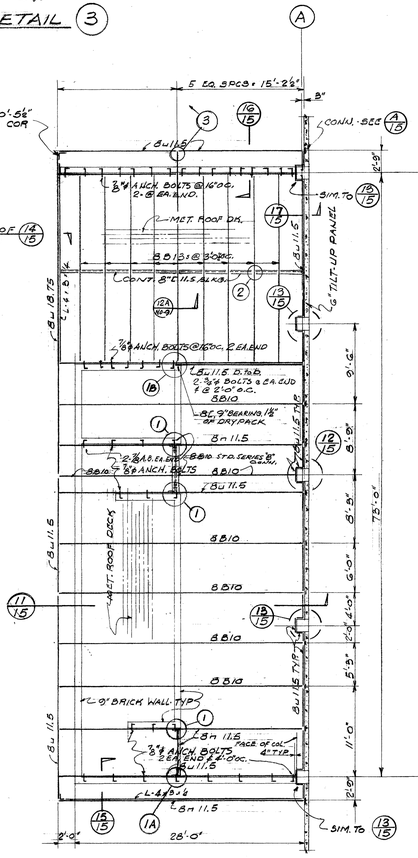
— UNIT NO —
POOL DETAILS

DATE PRINTED

JOB 547
SHEET NO-12
B.O. 85

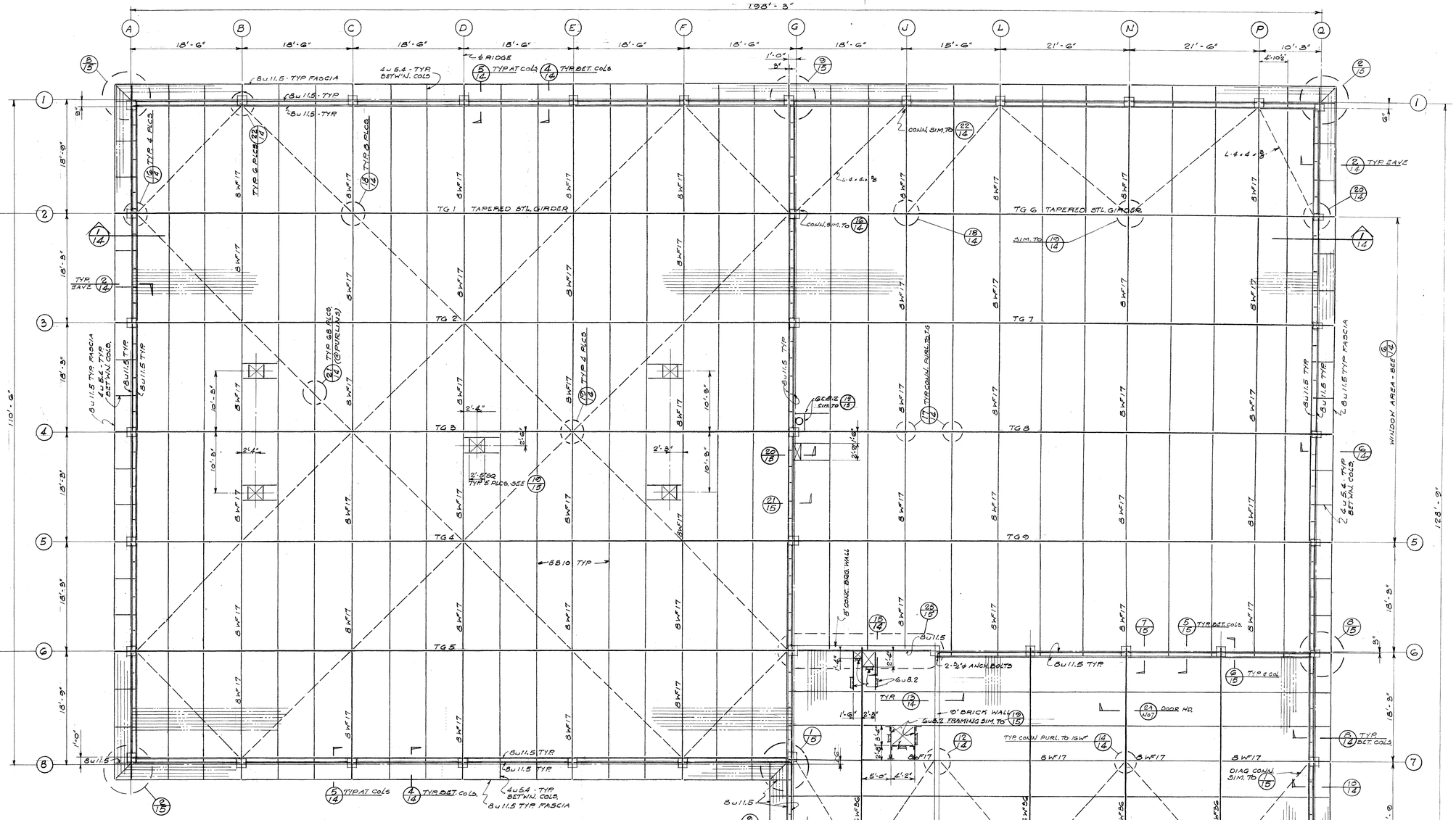


DETAIL (3)

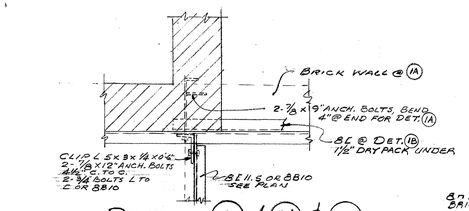


NOTES: FOR LOC. OF BRICK WALLS SEE SH. NO. 1.
CONN. OF U.S. TO INT. WALLS SIM. TO

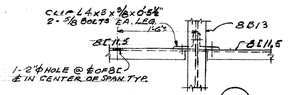
LOW ROOF PLAN



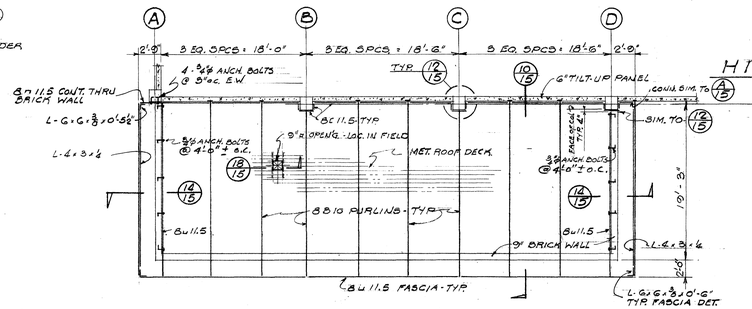
HIGH ROOF PLAN



DETAIL (1) & (1A) & (1B)
SCALE 1"=1'-0"



DETAIL (2)
SCALE 1"=1'-0"



LOW ROOF PLAN



NOTES:
ALL CONNS. TO BE A 15, SERIES 'B' OR AS SHOWN, EXCEPT W/ ¾" COM. BOLTS.
ALL PURLINS TO BE 8 B 10a OR AS SHOWN, @ SPACED EQ. ON SUPPORTS.
DIAG. BRACING SHOWN THUS ——— TO BE L 4 x 4 x ¼ OR AS OTHERWISE SHOWN.
═══ DENOTES DIRECTION OF RIBS IN ROOF DECK.
FOR EXTENT OF ALUM. & STL.; PLAIN & ACOUSTICAL ROOF DK. SEE SPECS.
- - - FOR CONNS SEE NOTES SH. NO. 15

SCALE: ⅛" = 1'-0"

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1024 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NO. 4213

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Wm Glenn Balch	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1956
E. Macy
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

—UNIT—NO—
ROOF FRAMING PLAN
DATE PRINTED

JOB 547
SHEET N013
B.O. 86

DETAIL 16/14

DETAIL 17/14

DETAILS 18/14 19/14

DETAIL 20/14

DETAIL 21/14

DETAIL 22/14

PLAN OF TYPICAL TAPERED GIRDERS AT MID-HEIGHT OF PURLINS

TAPERED GIRDERS Nos. 1, 2, 3, 4 & 5 1/14

NOTES: GIRDERS ARE CAMBERED FOR D.L. ONLY. ROOF SLOPE 1/8" PER 1'-0" PLUS CAMBER. FOR LOC. & SIZE OF PURLINS & DIAGS. SEE ROOF FRAMING PLAN. ALL SPLICES TO BE STAGGERED 4'-0" MIN.

DETAIL 2/14

PLAN OF BOT. FLG. OF TYP. TAPERED GIRDERS

SECT. 4 SHOWN, SECTS 8 & 9 NOTED

SECTION 4/14 8/14 9/14

SECTION 6/14

SECTION 11/14

SECT. 5 SHOWN, SECTS 7 AND 10 NOTED

SECTION 5/14 7/14 10/14

TAPERED GIRDERS Nos. 6, 7, 8 & 9 1/14

DETAIL 12/14

DETAIL 13/14

SECTION 15/14

NOTE: REINF. IN ALL COLS. TO EXTEND PAST POUR JT. TO TOP OF COL. @ 2" BELOW BAR/PURLIN. ALL CONNS. TO BE A.I.S.C. SERIES 'B' OR AS SHOWN, EXCEPT W/ 3/4" COMMON BOLTS

SCALE: 1" = 1'-0" OR AS NOTED

EUGENE D. BIRNBAUM
STRUCTURAL ENG.
1126 SILVER LAKE
LOS ANGELES 26.
NORMANDY 3-

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Wm. Glenn Balch	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 12253
APPROVED FEB 24 1956
PRINCIPAL STRUCTURAL ENGINEER

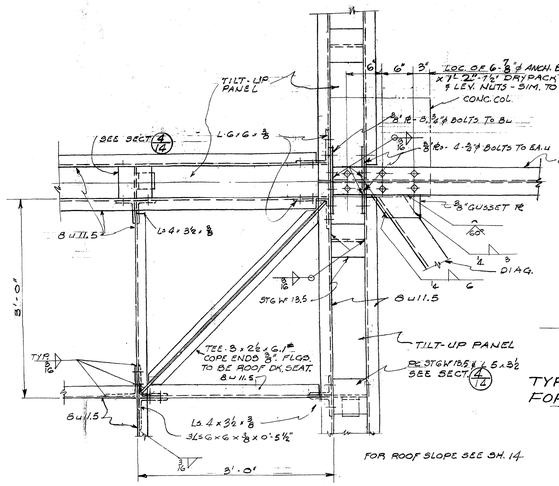
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

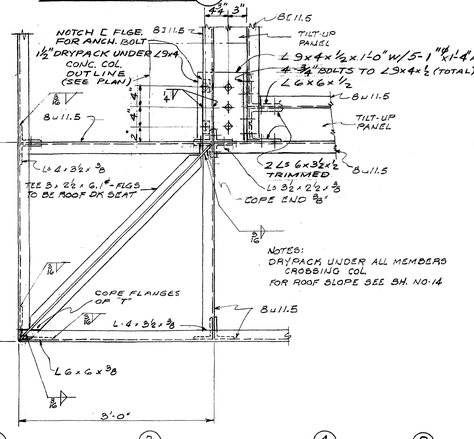
UNIT-NO
HIGH ROOF DETAILS

DATE PRINTED

JOB 547
SHEET N014
B.O. B7



DETAIL 1/15

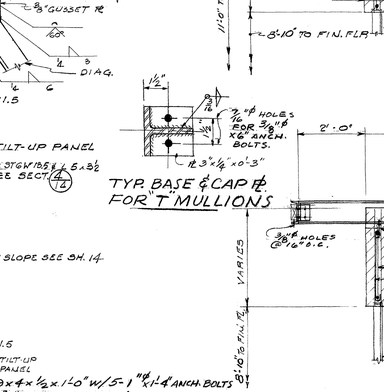


SECT. (2) SHOWN; SECT. (3) OPP. HAND; SECT. (4) SIM. TO (2)

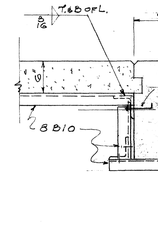
SECTIONS 2/15 3/15 4/15

SECTION 5/15

SECTIONS 6/15 7/15



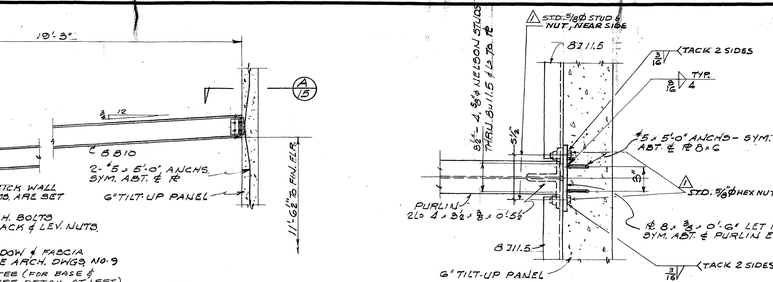
SECTIONS 8/15 9/15

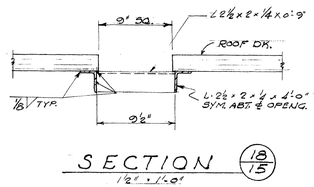


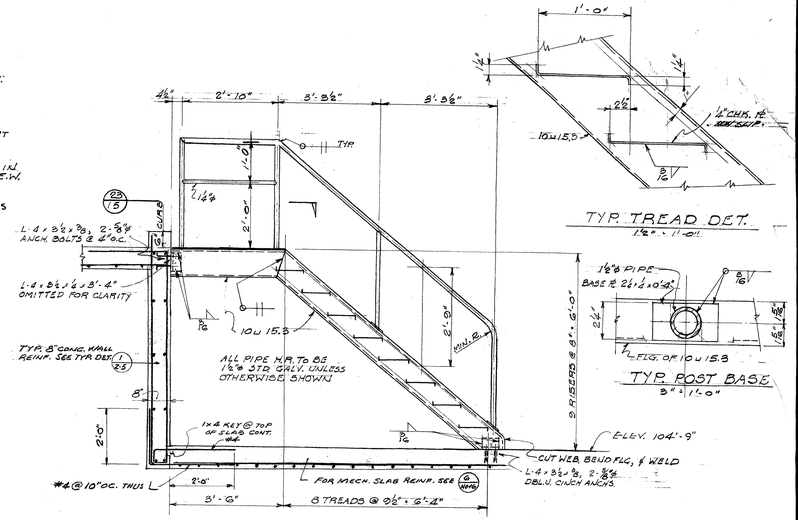
SECTION 8/15

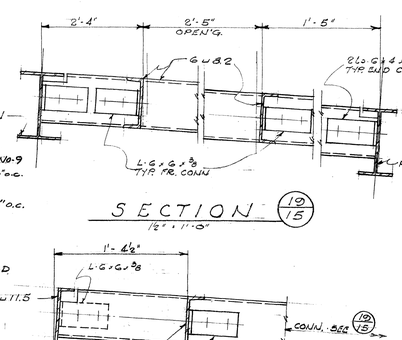
SECT (12) SHOWN, SECT. (13) NOTED.

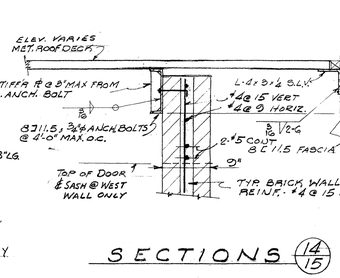
SECTIONS 12/15 13/15 15/15

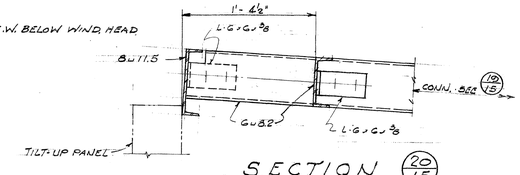


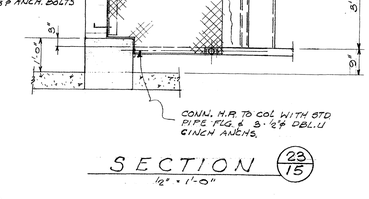


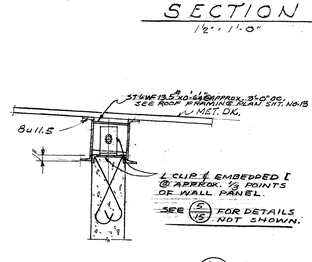


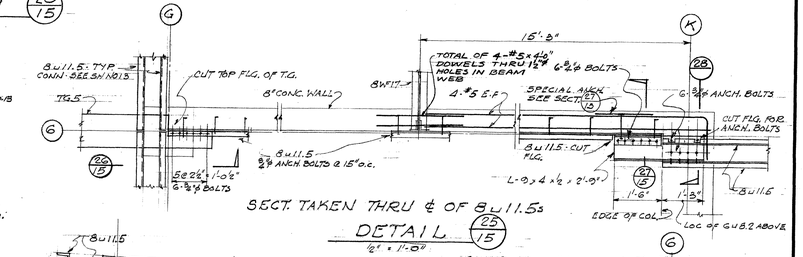


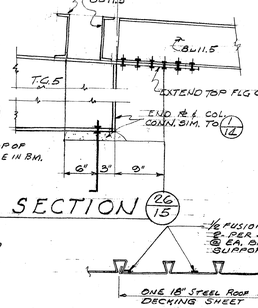


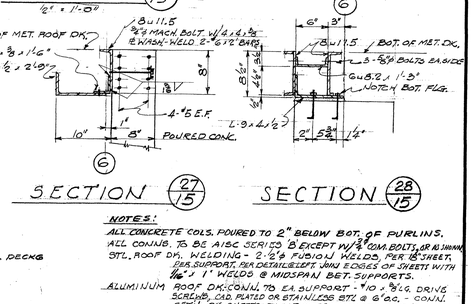


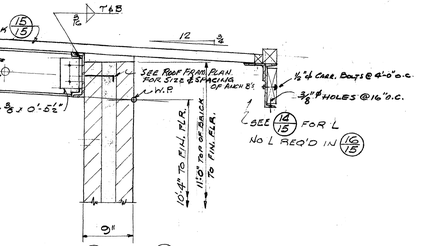


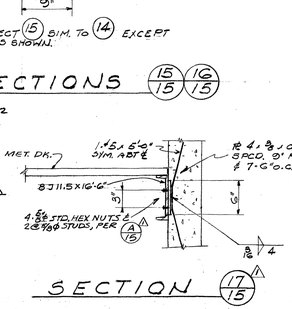


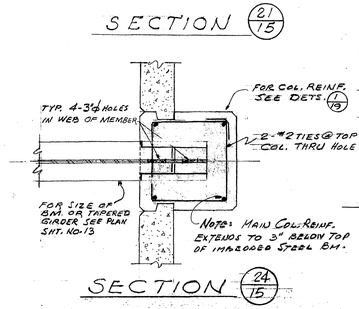












NOTES:

ALL CONCRETE COLS. POURED TO 2" BELOW BOT. OF PURLINS.
ALL CONN'S. TO BE A.I.S.C. 1.3.1 EXCEPT W/ ¾" ⌀ DM. BOLTS, OR AS SHOWN.
STL. ROOF DK. WELDING - 2-½" ⌀ FUSION WELDS PER 18 SHEET.
PER SUPPORT, PER DETAIL SHEET, ALONG EDGES OF SHEETS WITH ⅝" ⌀ 1" WELDS @ MIDSPAN BET. SUPPORTS.
ALUMINUM ROOF DECKING, TO EA. SUPPORT - ⅛" ⌀ x ¾" ⌀ DRIVE SCREWS, CAD. PLATED OR STAINLESS STL. @ 6 SPACES - CONN. BETN. DK. SHEETS, BARGE CLIPS PER MFG. SPECS.
COAT TOPS OF SUPPORTS WITH MASTIC @ ALUM. DECKING.

SCALE: 1" = 1'-0" OR ½" = 1'-0"

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Wm. Glenn Balch	
ENGINEER	

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INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
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APPLICATION NO.	APPROVED	DATE
22533	[signature] DSA PRINCIPAL STRUCTURAL ENGINEER	FEB 24 1955

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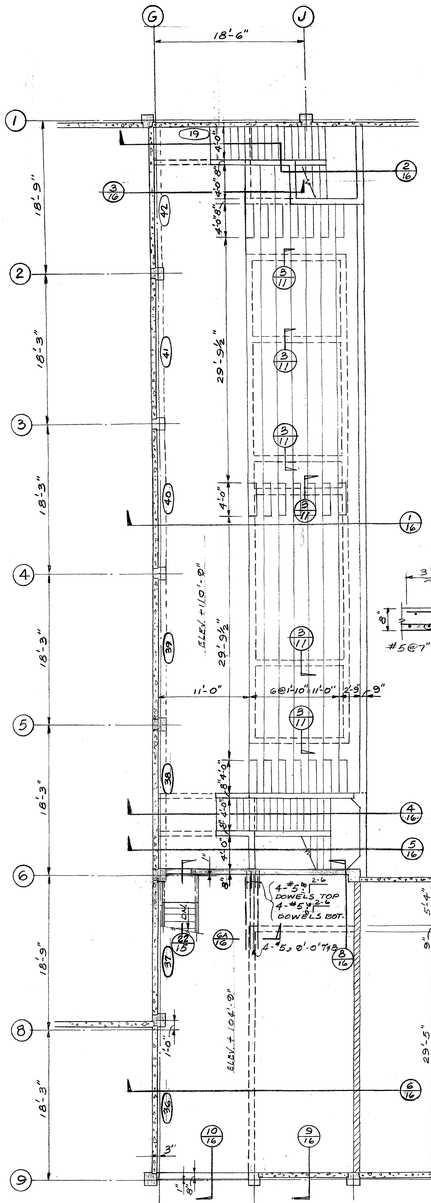
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT-NO —
ROOF FRAMING DETAILS

DATE PRINTED

AS BUILT
JOB 5 47
SHEET NO-15
B.O. 88



BLEACHER & MECH. RM. PLAN

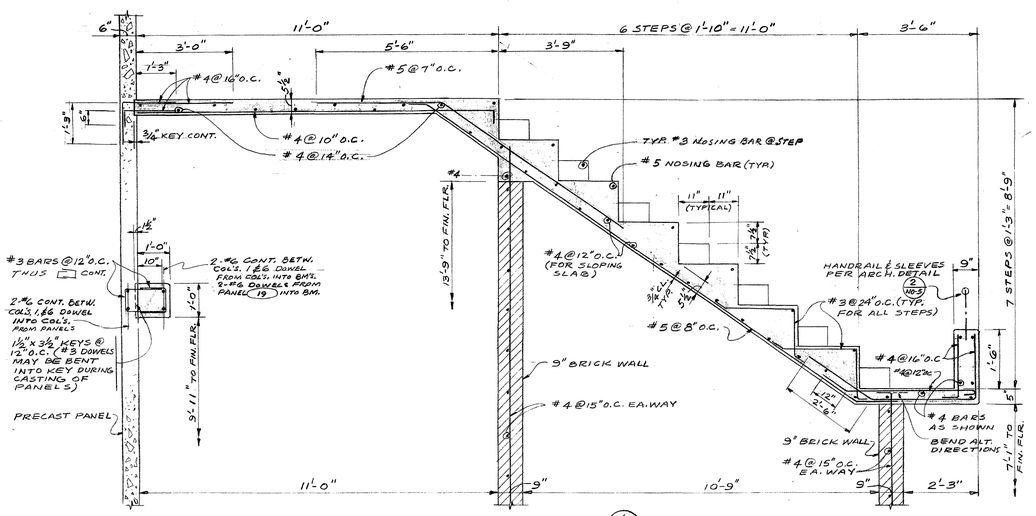
SCALE 1/8"=1'-0"

SECTION 6 NO-16 & GA NO-16 As Noted

SECTION 8 NO-16

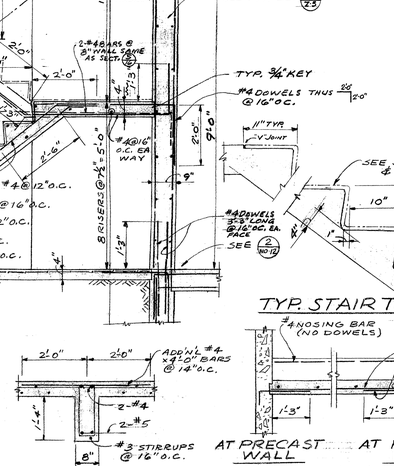
SECTION 9 NO-16

SECTION 10 NO-16



SECTION 1 NO-16

SECTION 3 NO-16



SECTION A NO-16

TYP. STAIR TREAD

SCALE 1"=1'-0"

SEE TYP. DET. 1 2-5

TYP. 8" CONC. WALL

SEE SPECS. FOR TREAD & TOPPING

10"

7/8"

2¾" RAD. ¾" KEY

#3@18"O.C.

#4 DOWELS 2'-3" LONG @ 16" O.C. EA. FACE SEE 2 NO-12

1'-8"

1'-6"

1'-6"

4"

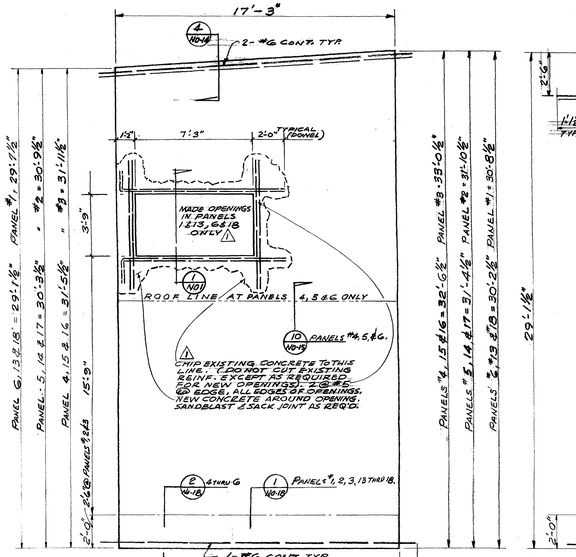
2'-0"

2'-0"

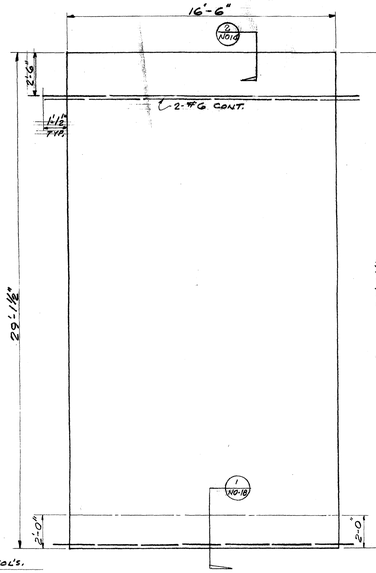
1'-6"

1'-6"

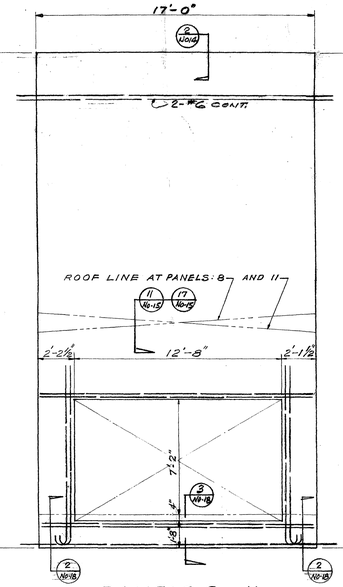
1'-6



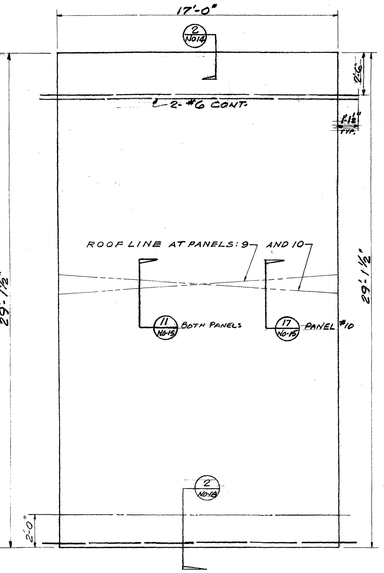
PANELS 1, 2, 3, 13, 14 & 15 AS SHOWN; 4, 5, 6, 16, 17 & 18 OPP HAND



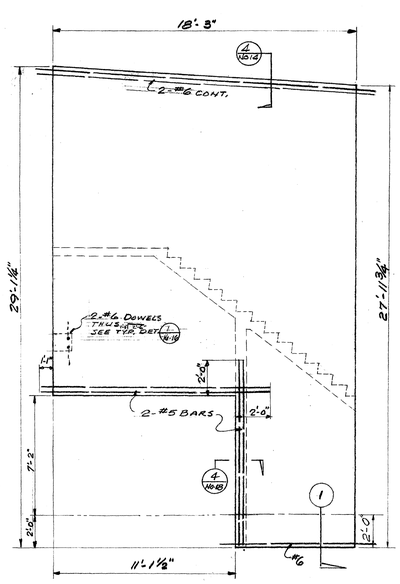
PANELS 7 & 12



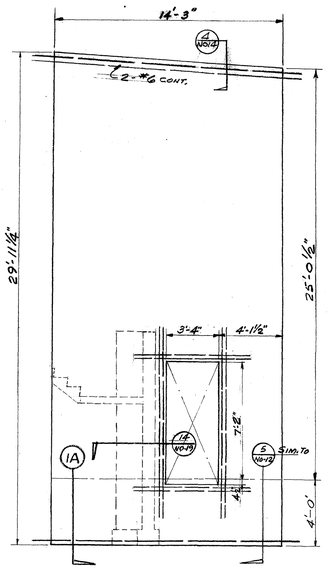
PANELS 8 & 11



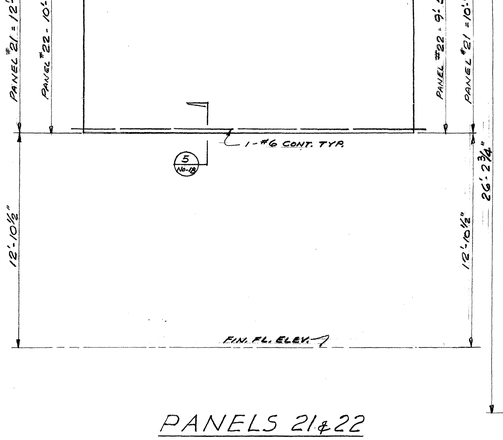
PANELS 9 & 10



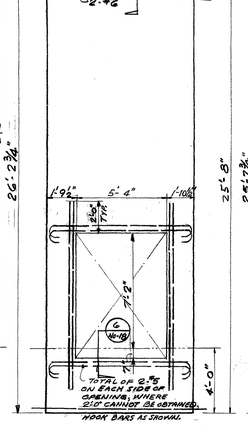
PANEL 19



PANEL 20



PANELS 21 & 22



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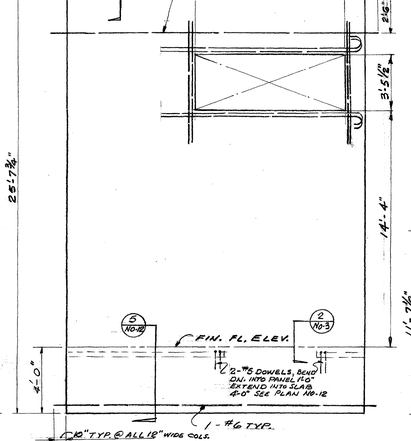

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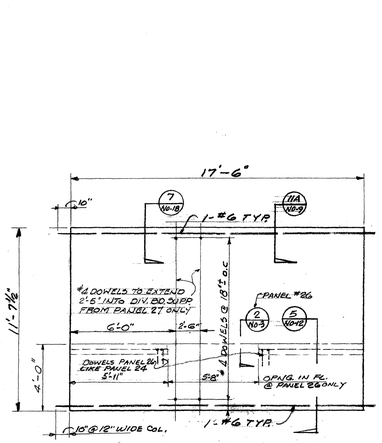
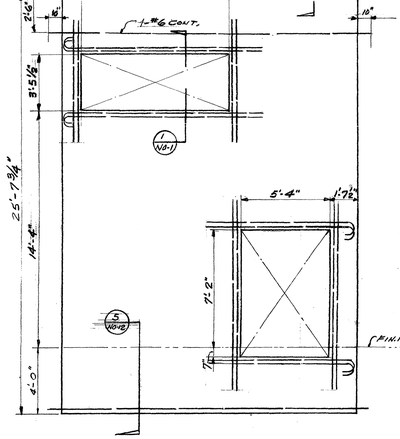


PANELS 25, 26 & 27



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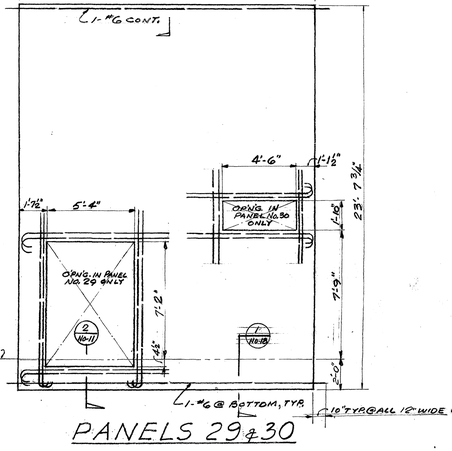
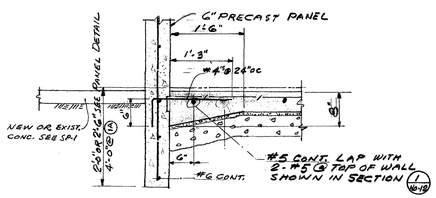


PANELS 29 & 30



SECTION (1) & (1A)
SCALE 3/4" = 1'-0"

PRECAST PANEL NOTES

1. ALL PANELS ARE LOCATED AS SHOWN ON SHEET NO-11.
2. ALL EXTERIOR PANELS ARE VIEWED & DETAILED FROM INSIDE OF BLDG. LOOKING OUT. ALL INTERIOR PANELS ARE VIEWED AND DETAILED FROM SIDE PANEL MARK OCCURS ON PLAN, SEE SHT. NO-11.
3. ALL PANELS ARE 6" THICK.
4. TYPICAL REINFORCING UNLESS OTHERWISE SHOWN OR NOTED #4 BARS @ 13"OC. EACH WAY, IN CENTER OF WALL.
5. CONTRACTOR TO VERIFY OPENINGS FOR UTILITIES PASSING THRU PANELS SUCH AS PIPE SLEEVES, VENTS, DIMENSIONS, ETC.
6. UNLESS OTHERWISE DETAILED ALL EDGES TO HAVE ¾" CHAMFER.
7. FOR CONDITIONS AT SIDES OF PANELS, SEE CONNECTIONS OF PANELS TO COLUMNS, DETAIL 1/10-19
8. UNLESS OTHERWISE SHOWN, PLACE ONE (1) #6 BAR AT TOP AND BOTTOM OF ALL PANELS.
9. FOR TYPICAL 6"x6" PANEL SEAT AT COLUMNS, SEE TYP. DET. 18/10-17
10. CONTRACTOR TO VERIFY ALL PANEL DIMENSIONS BEFORE CASTING PANELS.
11. SEE ARCHT. DWGS. FOR CONCRETE BASE DETAIL AND LOCATION REQUIRING 1/8" x 3½" KEY IN CONCRETE WALL.
12. SEE SHT. Z-5 FOR ADDN'L NOTES.

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

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INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 32538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

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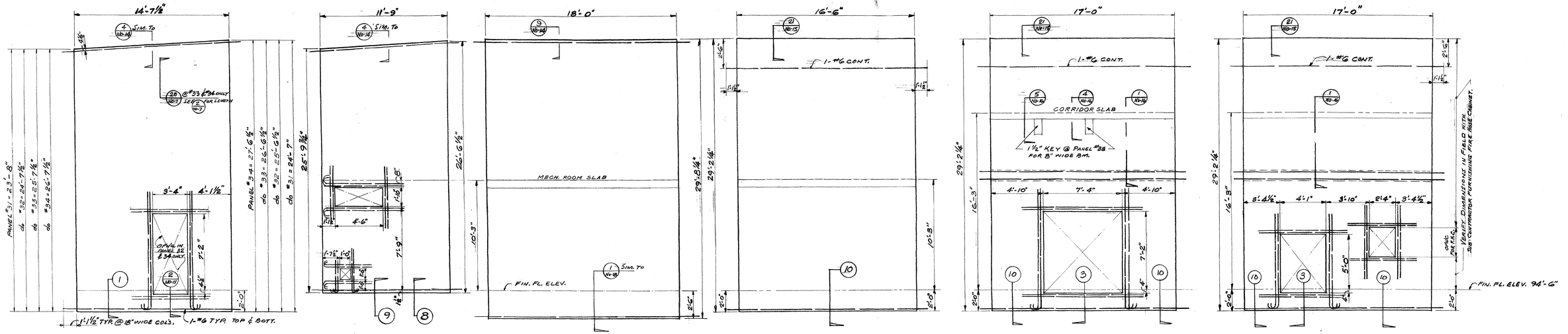
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

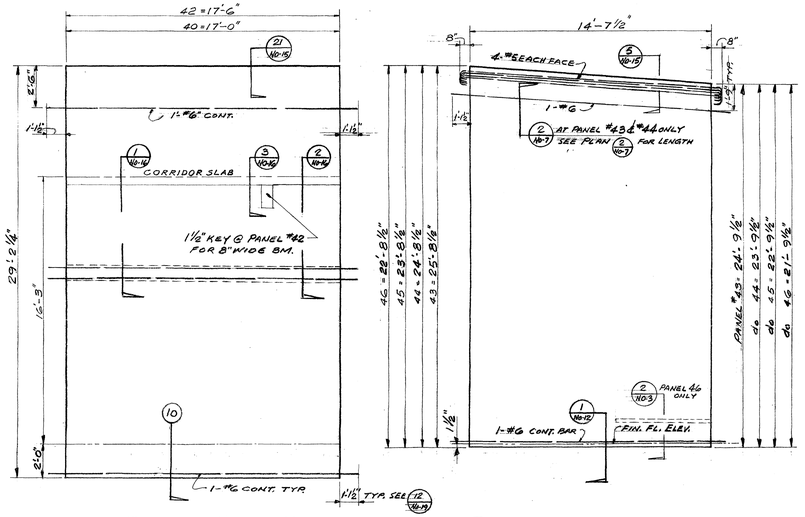
—UNIT-NO—
WALL PANELS

DATE PRINTED

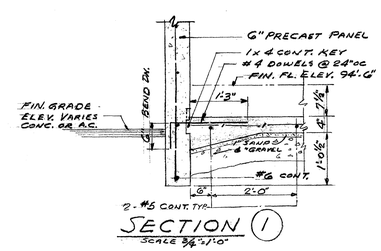
AS BUILT
JOB 547
SHEET NO-17
B.O. 90



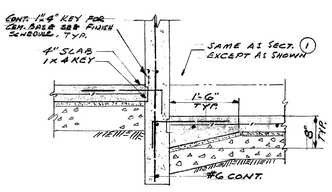
PANELS 31, 32, 33 & 34 — PANEL 35 — PANEL 36 — PANEL 37 — PANELS 38 & 41 — PANEL 39



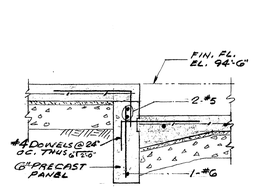
PANELS 40 & 42 — PANELS 43, 44, 45 & 46



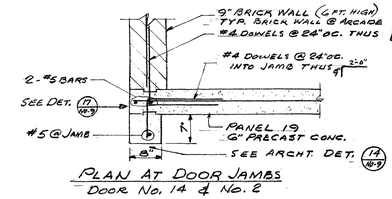
SECTION (1) — SCALE 3/4"=1'-0"



SECTION (2) — SCALE 3/4"=1'-0"

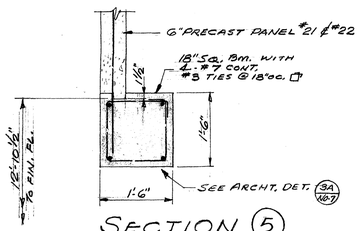


SECTION (3) — SCALE 3/4"=1'-0"

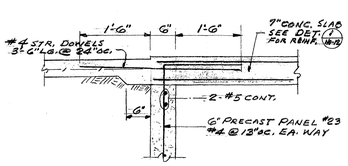


PLAN AT DOOR JAMBS
DOOR No. 14 & No. 2

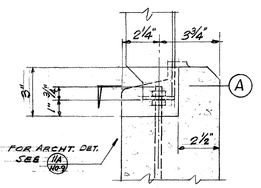
SECTION (4) — SCALE 3/4"=1'-0"



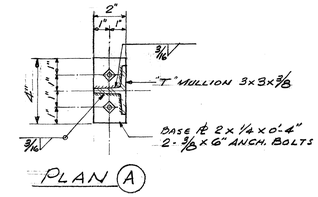
SECTION (5) — SCALE 3/4"=1'-0"



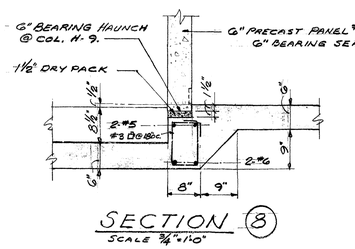
SECTION (6) — SCALE 3/4"=1'-0"



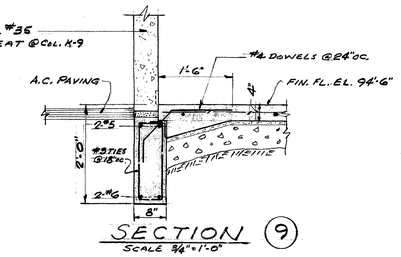
SECTION (7) — SCALE 3"=1'-0"



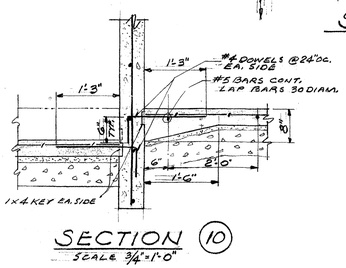
PLAN (A)



SECTION (8) — SCALE 3/4"=1'-0"



SECTION (9) — SCALE 3/4"=1'-0"



SECTION (10) — SCALE 3/4"=1'-0"

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT — Wm. Glenn Balch
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538 — APPROVED FEB 24 19__
E. Evans
PRINCIPAL STRUCTURAL ENGINEER

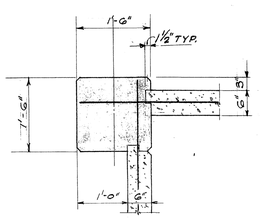
BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA — LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA — W. K. HUTCHASON ARCHITECT AIA

— UNIT-NO —
WALL PANELS
DATE PRINTED

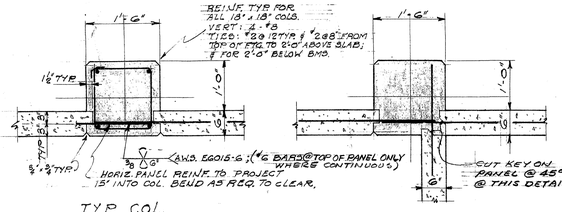
JOB 547
SHEET NO-18
B.O. 91

CONCRETE COLUMN DETAILS (1/19)

3/4" = 1'-0"

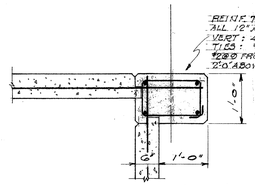


COL A-1

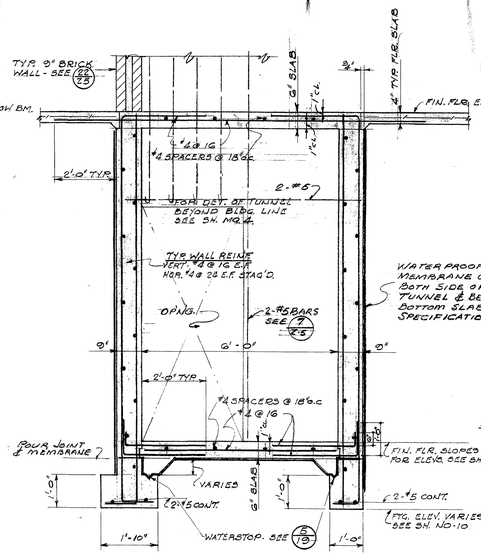


TYP. COL.
(UNLESS OTHERWISE NOTED)

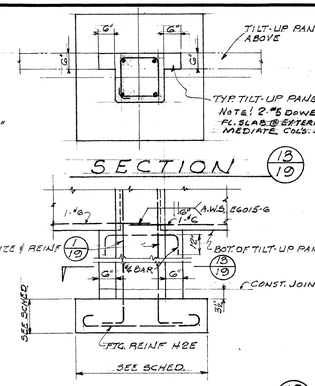
COLS G-1 & G-7



COL. Q-1 SHOWN
COL. Q-9 OPP. HAND



SECTION (11/19)

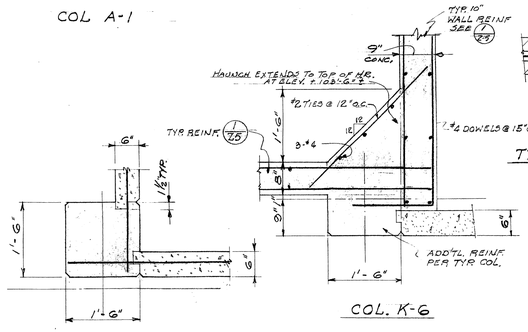


TYP. FOOTING DET. (12/19)

FOOTING SCHEDULE

LOCATION	SIZE	THK.	REINF.
KG	3'-3" SQ.	12"	5-#4 E.W.
P-1	3'-6" SQ.	do	do
N-1, Q-9	3'-8" SQ.	do	7-#4 E.W.
H-9, K-9, L-1, O-9.	3'-10" SQ.	do	do
G-9, M-9, N-9, Q-1, Q-7	4'-0" SQ.	do	do
J-1.	4'-2" SQ.	do	8-#4 E.W.
A-1, A-8, Q-3, Q-4.	4'-4" SQ.	do	do
B-1, B-8, C-1, D-1, E-1, E-8, F-1, F-8	4'-6" SQ.	do	9-#4 E.W.
C-8, D-8, M-6, N-6, O-6, Q-2, Q-5, Q-6	4'-8" SQ.	do	do
12, A-B, A-4, A-5, A-6, G-1	5'-3" SQ.	16"	do
G-8	5'-6" SQ.	do	12-#4 E.W.
G-6	5'-9" SQ.	do	14-#4 E.W.
G-2, G-3, G-4, G-5	6'-0" SQ.	do	15-#4 E.W.

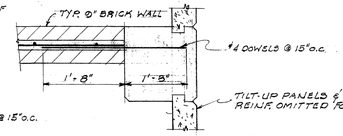
SEE TYP. FTG. DET. (12/19)



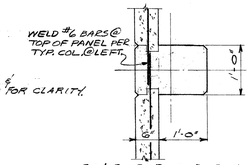
COL. K-6

COL. A-8

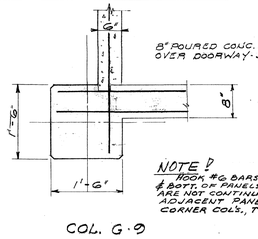
NOTES: BEVEL ALL EXPOSED EDGES & JOINTS ¾" x ¾"
ALL KEYS TO BE 12" x 8" OR AS OTHERWISE SHOWN.



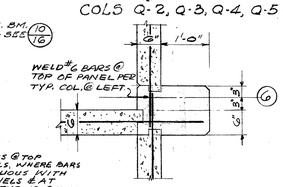
TYP CONN BRICK WALL TO COL.



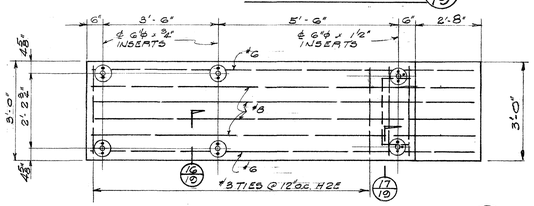
COLS Q-2, Q-3, Q-4, Q-5 & Q-7



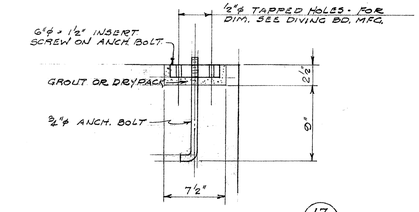
COL. G-9



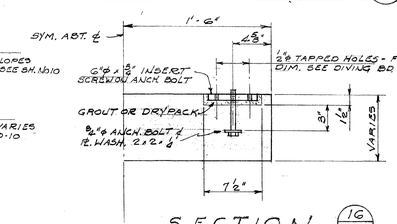
COL. Q-6



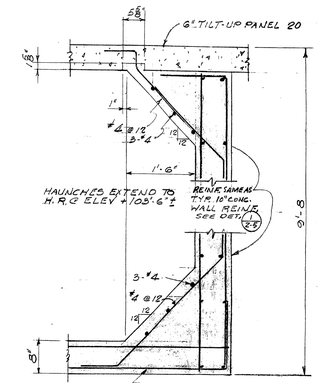
PLAN OF DIVING BD. SUPP'T. (15/19)



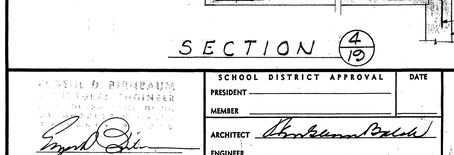
SECTION (17/19)
½" = 1'-0"



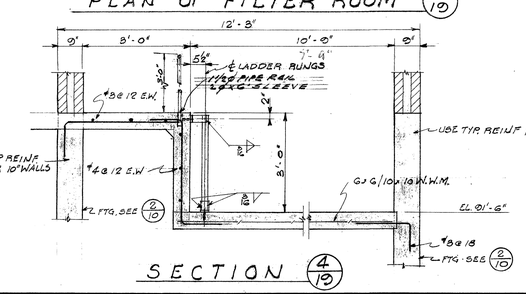
SECTION (16/19)
1½" = 1'-0"



DETAIL (14/19)
¾" = 1'-0"



PLAN OF FILTER ROOM (2/19)



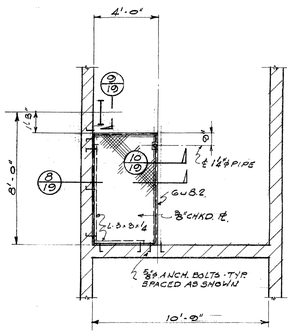
SECTION (4/19)



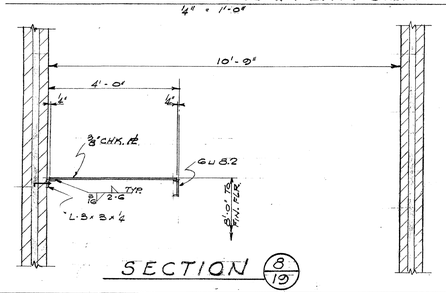
SECTION (3/19)



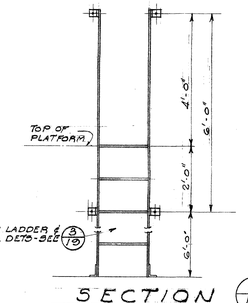
SECTION (A/19)
HALF SCALE



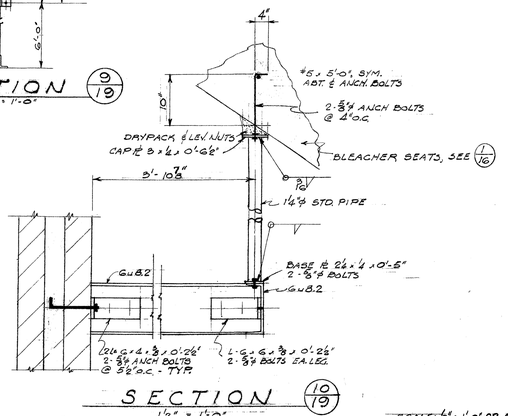
PLAN OF FILTER RM. PLATFORM (7/19)
¼" = 1'-0"



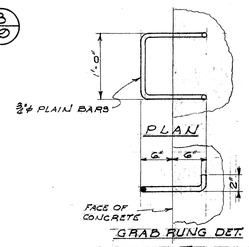
SECTION (8/19)



SECTION (9/19)
½" = 1'-0"



SECTION (10/19)
1½" = 1'-0"



WATERPROOFED JOINT (5/19)
1½" = 1'-0"

GRAB RUNG DET.
SECTION (6/19)
1" = 1'-0"

SCALE: ¼" = 1'-0" OR AS NOTED

JOSEPH D. BIRNBAUM
STRUCTURAL ENGINEER
No. 8388

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12338
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

—UNIT—NO—
COL. & FTG. SCHED.
MISC. CONC. DETAILS

DATE PRINTED

JOB 547
SHEET NO-19
B.O. 92

Approved
2-1-55
Lyle C. Haynes
CHIEF, WATER AND SEWERAGE DIVISION
LOS ANGELES COUNTY HEALTH DEPARTMENT

COVERED PORCH 101

TICK. OFF. 102

TELE. 105

GIRLS T. 103

FOYER 106

BOYS T. 104

GYMNASIUM 107

RECER RM. 113

GIRLS REST RM. 108

BOYS R. RM. 114

EXAMINATION 115

CONCRETE WALK

PARTIAL SECOND FLOOR PLAN
SCALE 1/8"=1'-0"

FIRST FLOOR PLAN
SCALE 1/8"=1'-0"
FIN. FLR. EL. 99.5'

TRANSFORMER ROOM 131

RAMP DOWN

NATATORIUM 127

SPECIAL PURPOSE RM. 128

GYM GEAR RM. 126

GYM GEAR RM 126

CODE 116

FILTER ROOM PLAN
SCALE 1/4"=1'-0"

SECTION "A-A"
SCALE 1/4"=1'-0"

SECTION "B-B"
SCALE 1/4"=1'-0"

SECTION "C-C"
SCALE 1/4"=1'-0"

EXHAUST PIPE DETAIL
NO SCALE

KEY PLAN

FOR GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS REFER TO PLOT PLAN-DRAWING NO. SP-2.

INSTALL APPROVED SIGN AT BUILDING GAS SHUT OFF COCK. SEE PLOT PLAN DWG. NO. SP-2.

AS BUILT
CHANGES REVISED 1-14-57

LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
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JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

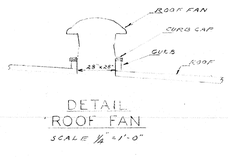
UNIT NO —
PLUMBING PLAN & DETAILS

JOB 547
SHEET NO 20

DATE PRINTED 8-07-57

DETAIL ROOF FAN

SCALE 1/8" = 1'-0"



EQUIPMENT SCHEDULE

BOILER	AMERICAN STANDARD 4-SW-25 2334 MBH OUTPUT - SEE SPECIFICATIONS.
CIRC. PUMP	WEINMAN 1-SB-1 225 GPM @ 15' H.D. MOTOR 1½ HP 208 V 3Ø 57 - 1750 RPM
EXH. FAN NO.1	AM. BLOWER CO. 440 HS 315W UBD, CW 19,000 CFM @ ½ S.P. 330 R.P.M. MOTOR 2 HP 208 V 3Ø 60 CY. 1725 R.P.M. MOTOR AND FAN ON LURFLEX MOUNTED OR FACTORY INSULATION BASE. AC VARI-PITCH DRIVE 2B 144 SHEAVE 20, 5.6 ARRGT. 3
EXH. FAN NO.2	JENN-AIR NO. 70 CR 230 CFM @ ¼" S.P. ⅛ HP 120 V 60~ MOTOR PROVIDE MFR'S. CORD CAP.
ROOF FANS	JENN-AIR NO. 24 SAR 9842 CFM PROP. DELIVERY. MOTOR ⅓ HP 120 V. 60~ PROVIDE MFR'S. CORD CAP.
H & V UNIT A	TRANE TORRIDOR UNIT 315 CB2 WALL TYPE WITH FLAT FILTER, MIXING BOX & WALL INTAKE BOX 84" x 132" 2 ROW SERIES 36 TYPE C WATER COIL 545,000 BTU, 180 ENT. WATER 35° ENT AIR 7850 CFM @ ½" S.P. 549 RPM, MOTOR 15 HP 208 V 3Ø - PROVIDE NO. 1 INDEXLESS MIXING BOX WITH F.A. INLET FRONT, R.A. INLET BOTTOM. PROVIDE VARI PITCH DRIVE. 46 G.P.M.
H & V UNIT B	TRANE TORRIDOR UNIT 315 CB2 INVERTED WALL TYPE WITH FLAT FILTER, MIXING BOX & WALL INTAKE BOX 84" x 132" 2 ROW SERIES 36 TYPE C WATER COIL 545,000 BTU, 180 ENT. WATER 35° ENT AIR 7850 CFM @ ½" S.P. 549 RPM, MOTOR 15 HP 208 V 3Ø - PROVIDE NO. 1 INDEXLESS MIXING BOX WITH F.A. INLET FRONT, PROVIDE VARI PITCH DRIVE. 46 G.P.M.
UNIT VENT.	HESBITT THERMOVENT SERIES 7 LP 25 2500 CFM STD AIR 55 EDR W/ 180° ENT. WATER, 25° ENT. AIR 30 lbs. 03A MOTOR ½ HP 120 V 60~ 15 G.P.M.
EXH. FAN NO. 3	AM. BLOWER CO. UTILITY SET NO. 10SA2 LHD, CFM 6300 CFM @ ½" S.P. V-BELT DRIVE, MOTOR 3 H.P. 1261 R.P.M. MOUNT ON ISOLATION BASE.

H. & V. SYMBOL SCHEDULE

T	THERMOSTAT
F.S.	FLOOR SINK
F.D.	FIRE DAMPER
E.D.	EXHAUST DUCT
G.V.	GATE VALVE
B.C.	BALANCING COCK
V.D.	VOLUME DAMPER
E.G.	EXHAUST GRILLE
A.F.F.	ABOVE FINISH FLOOR
STR.	STRAINER
R.V.	RELIEF VALVE
L.W.C.O.	LOW WATER CUT OFF
R.A.G.	RETURN AIR GRILLE
R.A.D.	RETURN AIR DUCT
G.C.	GENERAL CONTRACTOR

LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

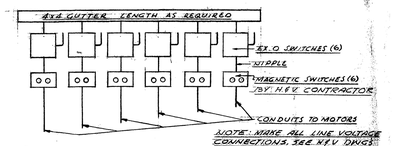
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO.
APPROVED FEB 2 9 1960
PRINCIPAL STRUCTURAL ENGINEER

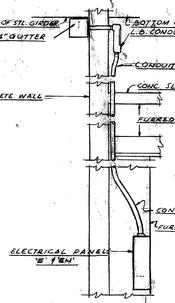
BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT — NO —
HEATING & VENTILATING
DATE PRINTED

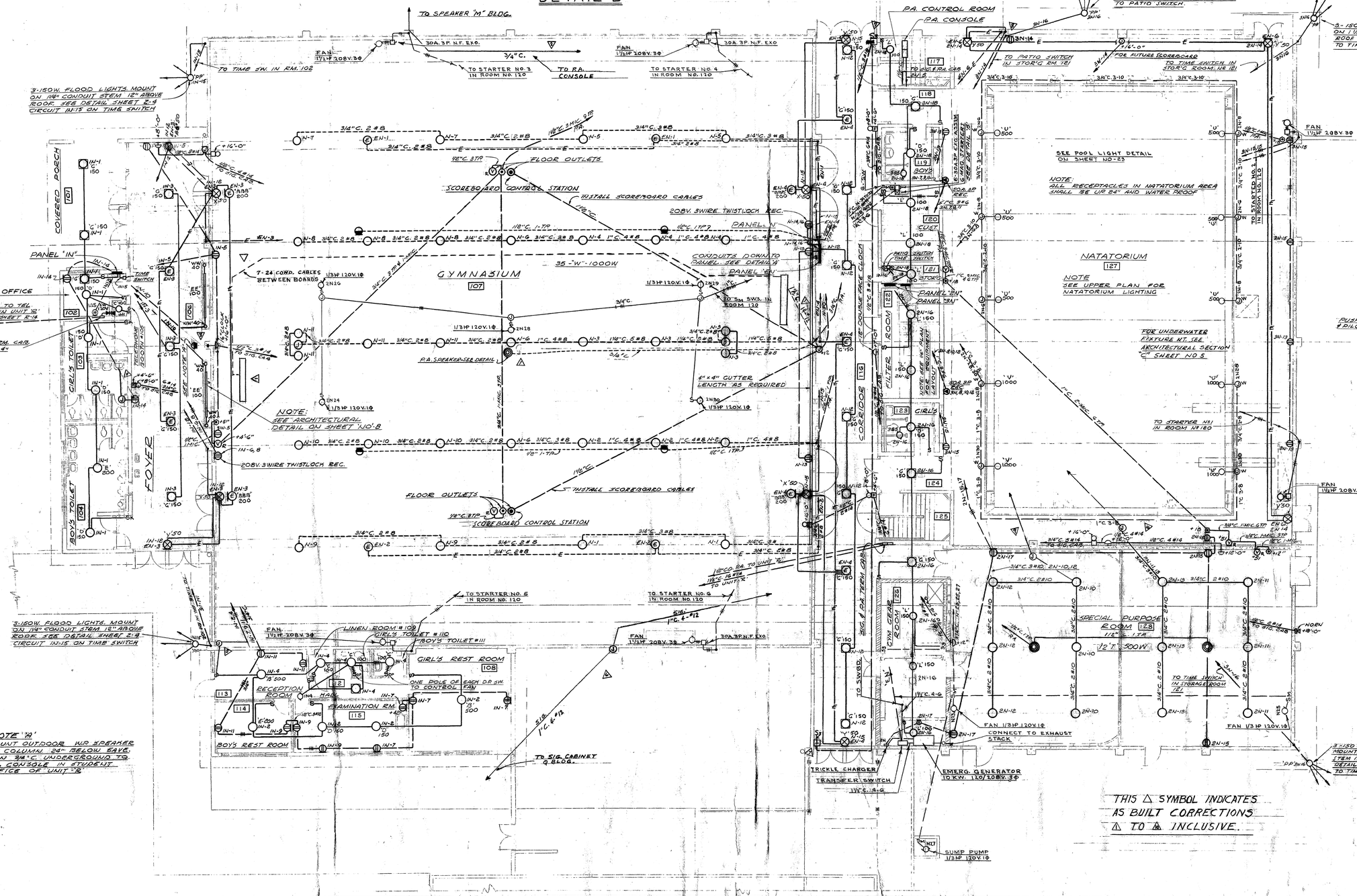
JOB 547
SHEET NO21
B.O. 94



DETAIL B



DETAIL A



EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 2964
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
WEstern 1-4088
Edw. C. Sylvanus

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Wm. Glenn Balch
ENGINEER John Perkins

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

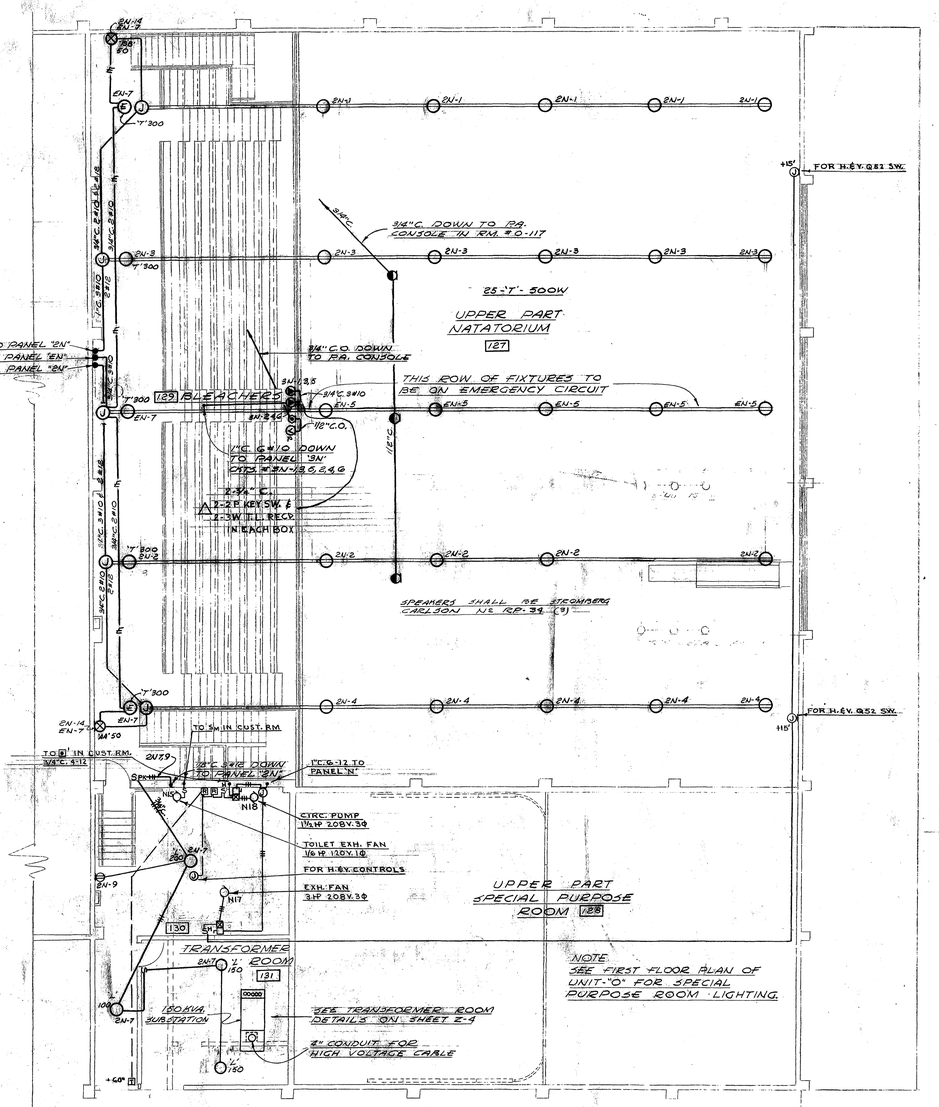
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12553
APPROVED FEB 24 1956
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT-NO —
FIRST FLOOR PLAN & ELECTRICAL DETAILS
DATE PRINTED

JOB 547
SHEET NO22
B.O. 95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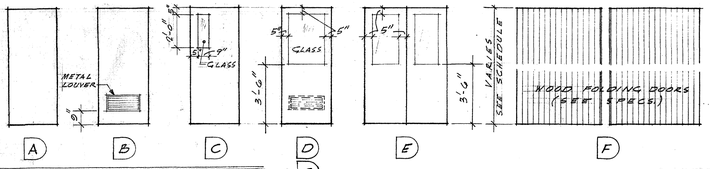
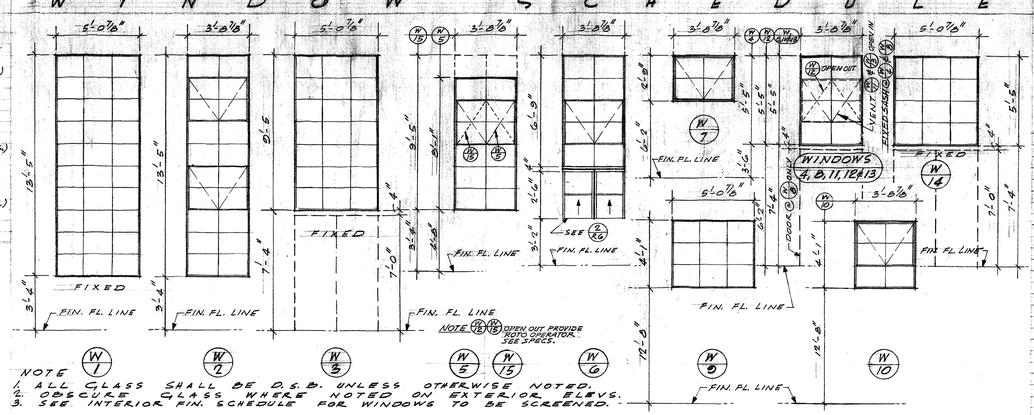
DOOR SCHEDULE

NO	TYPE	PAIR	SIZE	MATERIAL	GLASS	CORE	LOUVER	REMARKS
1.	A	●	4'-6" x 6'-10" x 1¾"	W O O D		MINERAL		
2.	B	—	3'-0" x 6'-11" x 1¾"	DO		DO	26"x18"	METAL LOUVER
3.	A	—	3'-0" x 6'-11" x 1¾"	DO		DO		
4.	E	●	11'-11" x 12'-11" x ⅜"	DO				FOLDING WOOD DOORS (SEE SPECS)
5.	E	●	2'-5⅝" x 6'-11⅛" x 1¾"	DO	SAFETY PLATE	MINERAL		
6.	A	—	3'-0" x 6'-11" x 1¾"	DO		DO		
7.	D	—	3'-7½" x 7'-0⅛" x 1¾"	DO	SAFETY PLATE	DO		
8.	A	—	3'-0" x 6'-11" x 1¾"	DO		DO		"E" OR "F" LABEL
9.	A	—	3'-0" x 7'-0" x 1¾"	DO		DO		
10.	B	—	2'-4" x 7'-0" x 1¾"	DO		DO	18"x 8"	METAL LOUVER
11.	A	—	3'-0" x 7'-0" x 1¾"	DO		DO		SLIDING DOOR (SEE SPECS)
12.	C	—	3'-0" x 7'-0" x 1¾"	DO	SAFETY PLATE	DO		
13.	C	—	3'-0" x 7'-0" x 1¾"	DO	DO	DO		DOUBLE SWINGING
14.	D	—	3'-0" x 7'-0" x 1¾"	DO	DO	DO		
15.	B	—	4'-0" x 7'-0" x 1¾"	DO		DO	24"x18"	METAL LOUVER
16.	F	●	4'-0" x 7'-0" x ⅜"	DO				FOLDING WOOD DOORS (SEE SPECS.)
17.	D	—	3'-0" x 7'-11" x 1¾"	DO	SAFETY PLATE	MINERAL		
18.	A	—	3'-0" x 6'-10⅛" x 1¾"	DO		DO		
19.	G	—	2'-4" x 7'-0" x 1¾"	DO	SAFETY PLATE	DO	18"x 8"	METAL LOUVER



NOTE: REF'S. DOOR SEE SPECS. AND DET. 6/R6

WINDOW SCHEDULE

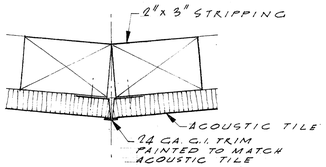


NOTE
1. ALL GLASS SHALL BE D.S.B. UNLESS OTHERWISE NOTED.
2. OBSCURE GLASS WHERE NOTED ON EXTERIOR ELEVS.
3. SEE INTERIOR FIN. SCHEDULE FOR WINDOWS TO BE SCREENED.

INTERIOR FINISH SCHEDULE

ROOM	ROOM NUMBER	FLOOR: CEMENT	FLOOR: ASPHALT TILE	BASE: RUBBER TILE	BASE: CEMENT	BASE: WOOD	WALLS: PLASTER	WALLS: EXPOSED BRICK	WALLS: EXPOSED CONC.	WALLS: ACOUSTIC TILE	WALLS: WOOD	CLG.: PLASTER	CLG.: ACOUSTIC TILE	CLG.: CORK	CLG.: EXPOSED CLG. WITH	SCREENS	REMARKS
STUDENT DINING	R.101		▲			•	•						△				▲ GREASE PROOF TILE SEE SEC "A" SH. A2 FOR CLG. HTS.
STUDENT LOUNGE	R.102		▲		•		•						△			VARIES	△ 2'x2' STRIPPING 12" O.C. ALL CLGS. WITH ACOUSTIC TILE
STUDENT OFFICE	R.103		▲		•		•						△				
STUDENT STORE	R.104		▲		•		•						△				
TOILET - MEN	R.105		▲		•		•									8'-1"	
VESTIBULE	R.106		▲		•		•									8'-1"	
VESTIBULE	R.107		▲		•		•									8'-1"	
TOILET - WOMEN	R.108		▲		•		•									8'-1"	
CLOSET	R.109		▲		•		•									8'-1"	
HEATER	R.110	•			•												▲ AT STUD WALLS ONLY
DISHWASHER	R.111		▲		•		•									10'-0"	▲ GREASE PROOF TILE
SERVING	R.112		▲		•		•										▲ DO
KITCHEN	R.113		▲		•		•										▲ DO
OUTDOOR SERVICE	R.114		▲		•		•										▲ DO
OFFICE	R.115		▲		•		•									9'-4"	
CUSTODIAN	R.116	•			•		•									9'-4"	
HELP'S TOILET	R.117		▲		•		•									9'-4"	
VESTIBULE	R.118		▲		•		•									9'-4"	
RECEIVING	R.119		▲		•		•									8'-4"	
HEATER	R.120	•			•												▲ GREASE PROOF TILE
TEACHERS DINING	R.121		▲		•		•						△				▲ AT STUD WALLS ONLY
WALK-IN REFRIGERATOR	R.122	▲					▲										▲ GREASE PROOF TILE
STORAGE	R.123		▲		•		•										▲ SEE DET. 6 SHT. A6
COMPRESSER	R.124	•			•												
HEATER	R.125	•			•												▲ AT STUD WALLS ONLY
PHONE BOOTH	R.126		▲		•		•									7'-6"	▲ DO

NOTE WHERE PILAS. CLG WITH JOISTS 24" O.C. PROVIDE 2"x3" STRIPPING AT 16" O.C.



CEILING JOINT
STUDENT LOUNGE R.102 — SCALE: HALF SIZE — 1

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

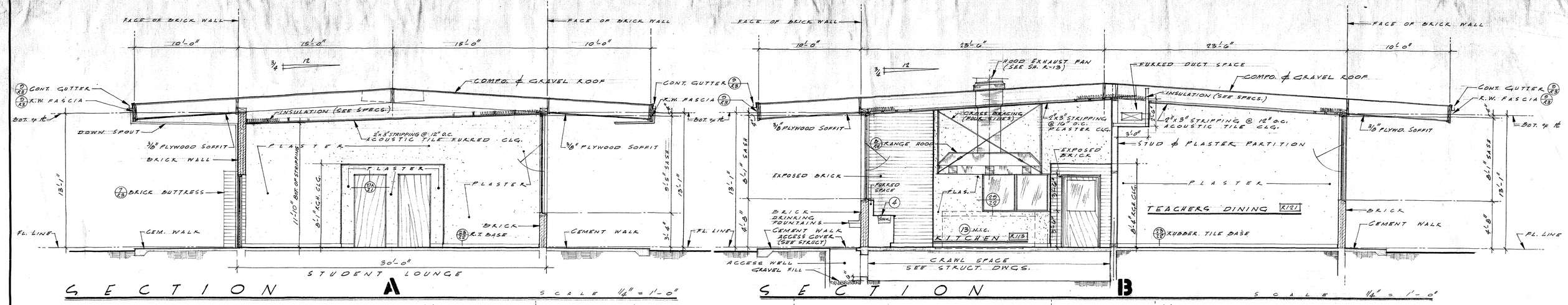
SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Balch Bryan Balch
ENGINEER

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

– UNIT · R –
FLOOR PLAN
DOOR, WINDOW & FINISH SCHEDULES
DATE PRINTED

JOB 547
SHEET R-1
B.S. 97



EXTERIOR ELEVATIONS & SECTIONS

SCALE AS NOTED

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

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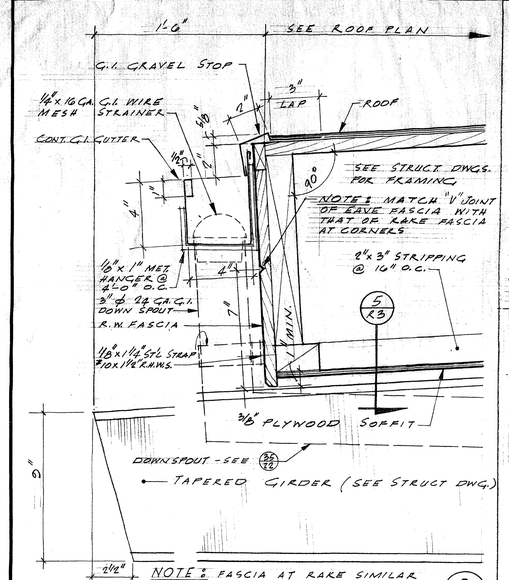
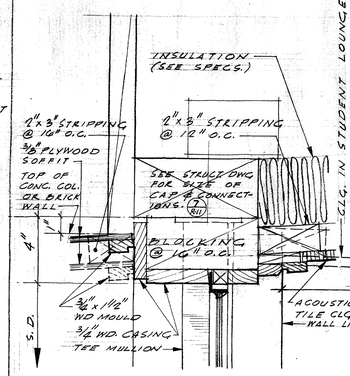
— UNIT R —
EXTERIOR ELEVATIONS & SECTIONS
DATE PRINTED

JOB 547
SHEET R-2
B.O. 98

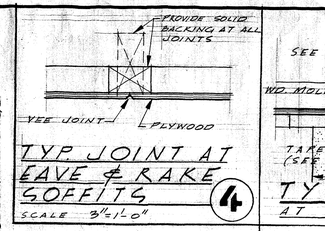


TYPICAL EAVE AT HIGH ROOF (1)



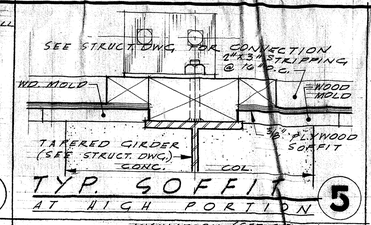
HEAD (A)

HEAD WHERE STRIPPING OCCURS AT SOFFIT (HIGH ROOF ONLY) (B)

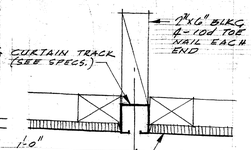


TYP. JOINT AT EAVE & RAKE SOFFITS (4)

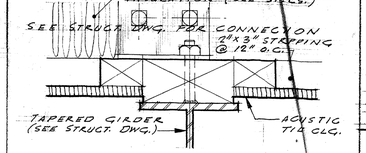
SCALE 3"=1'-0"



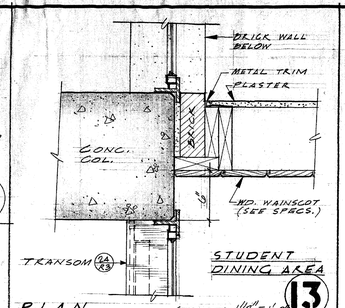
TYP. SOFFIT AT HIGH PORTION (5)



CURTAIN TRACK (G)



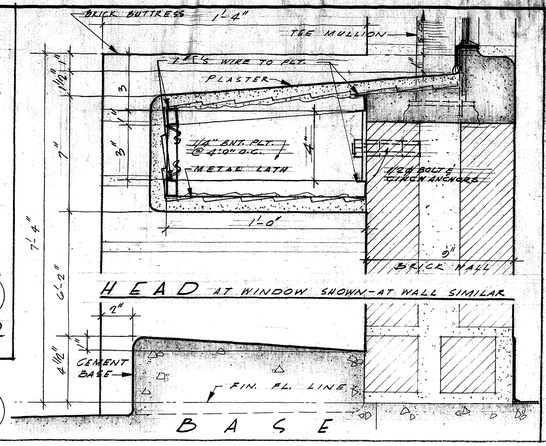
TYP. CEILING AT STUDENT DINING (6)



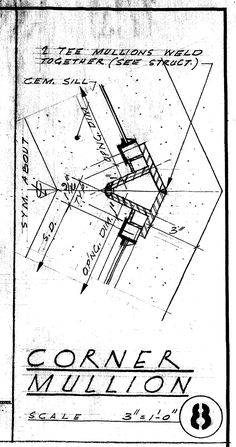
PLAN SCALE 1/16"=1'-0"

WOOD STUD WALL TO CONC. COL. FRAMING LOCKER SPACE (13) (7)

SCALE 3"=1'-0"

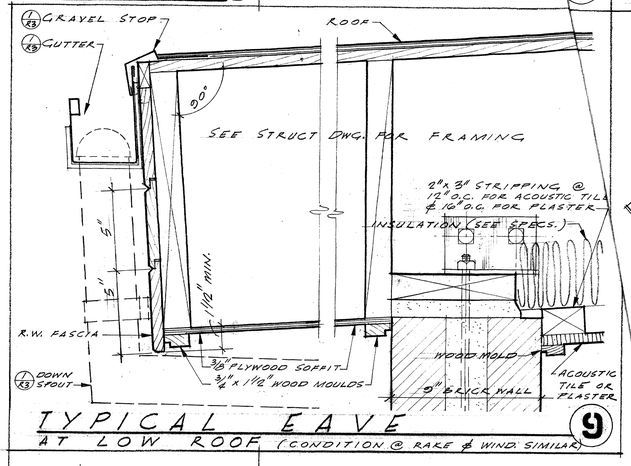


HEAD AT WINDOW SHOWN-AT WALL SIMILAR BASE

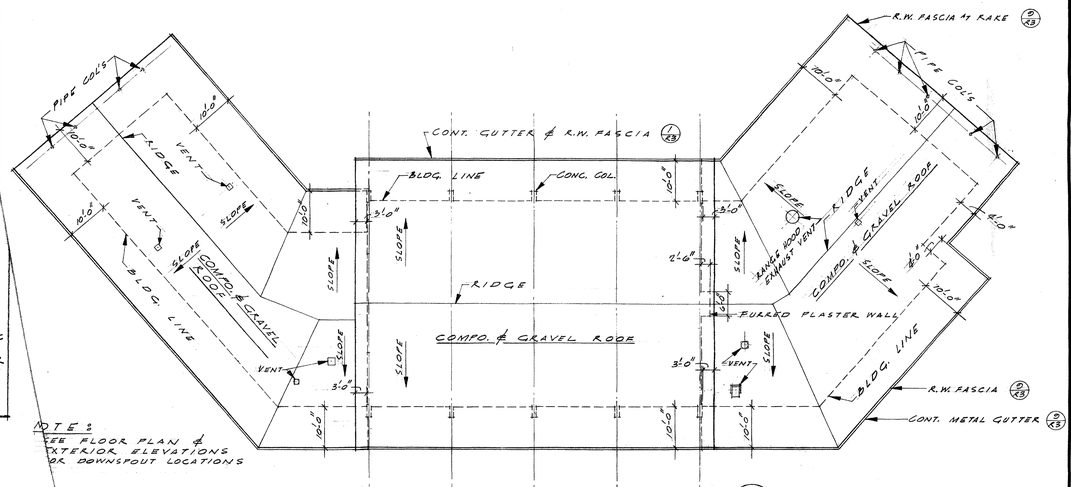


CORNER MULLION (8)

SCALE 3"=1'-0"



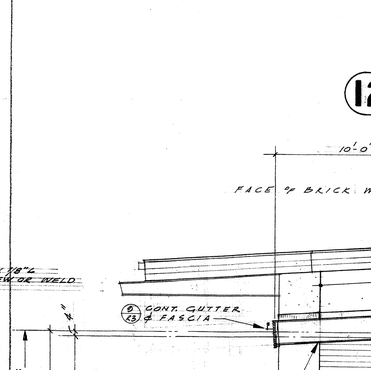
TYPICAL EAVE AT LOW ROOF (CONDITION @ RAKE & WIND SIMILAR) (9)



NOTE: SEE FLOOR PLAN & EXTERIOR ELEVATIONS FOR DOWNSPOUT LOCATIONS

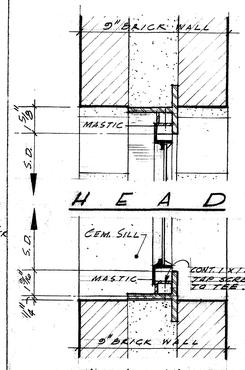
ROOF PLAN (12)

N SCALE 1/16"=1'-0"

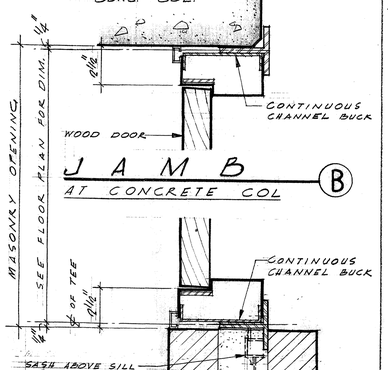


HEAD JAMB

TYP. SASH IN BRICK WALL (10)

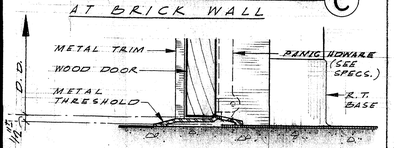


TRANSOM (A)



JAMB AT CONCRETE COL (B)

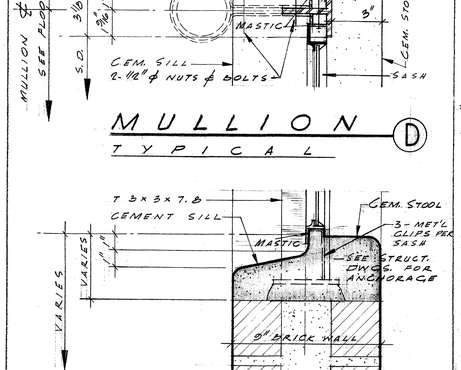
JAMB AT BRICK WALL (C)



THRESHOLD (D)

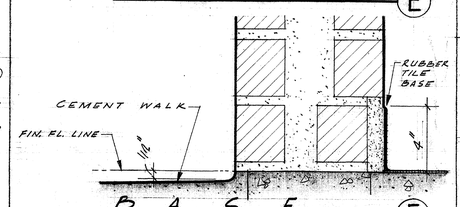
DOOR DETAILS (2)

SCALE 3"=1'-0"



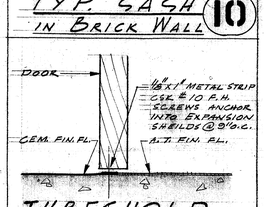
MULLION TYPICAL (D)

SILL TYP. (E)



BASE (F)

TYP. WALL SECT. (3)



THRESHOLD METAL STRIP (11)

SCALE 3"=1'-0"

SECTION D

SCALE 1/4"=1'-0"

SCHOOL DISTRICT APPROVAL — DATE
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MEMBER
ARCHITECT
ENGINEER

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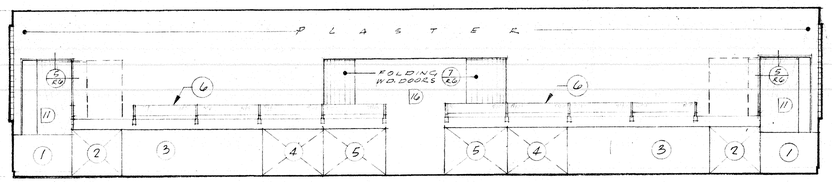
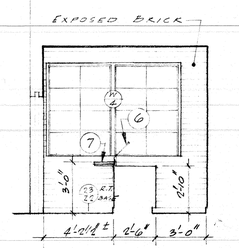
— UNIT · R —
ROOF PLAN
SECTIONS & DETAILS
DATE PRINTED

JOB 547
SHEET R·3
DWG. 99

EQUIPMENT LEGEND

1	TRAY & SILVERWARE TABLE
2	MILK REFRIGERATOR
3	WORK COUNTER
4	HOT FOOD TABLE
5	ICE CREAM CABINET
6	SNEEZE GUARD
7	TRAY SLIDE RAIL

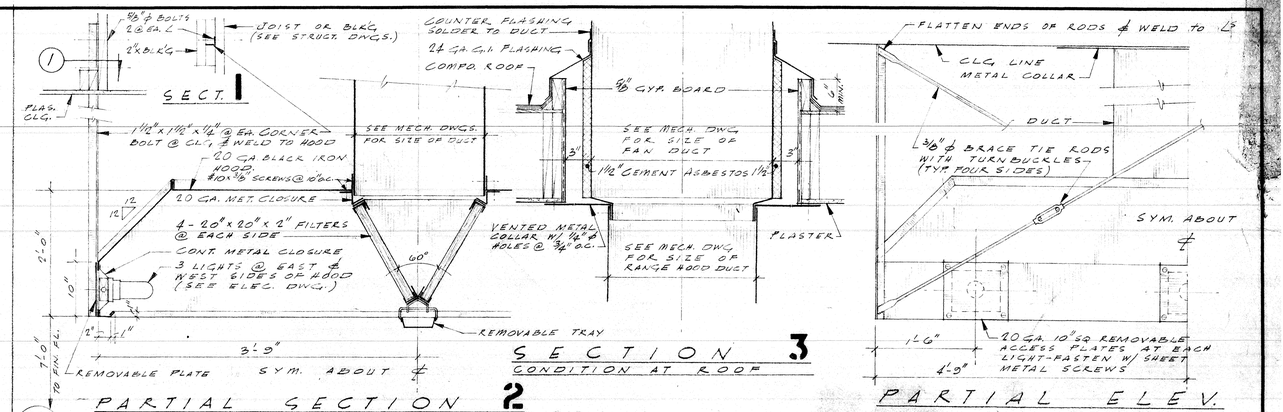




A SERVING ROOM

R-112

SCALE 1/4" = 1'-0"

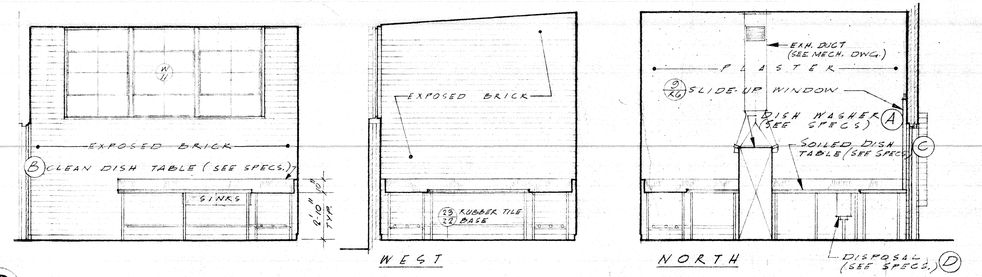


B RANGE HOOD DETAILS

SCALE 1" = 1'-0"

DISHWASHING EQUIPMENT LEGEND

(A) DISH WASHER (B) CLEAN DISH TABLE (C) SOILED DISH TABLE (D) DISPOSAL



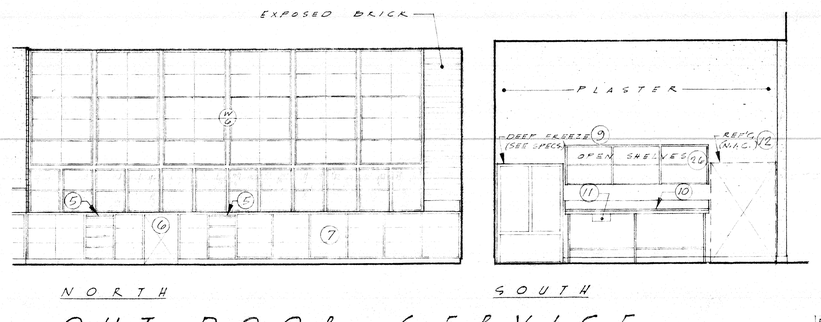
D DISHWASHER INT. ELEV.

R-111

SCALE 1/4" = 1'-0"

KITCHEN EQUIPMENT LEGEND

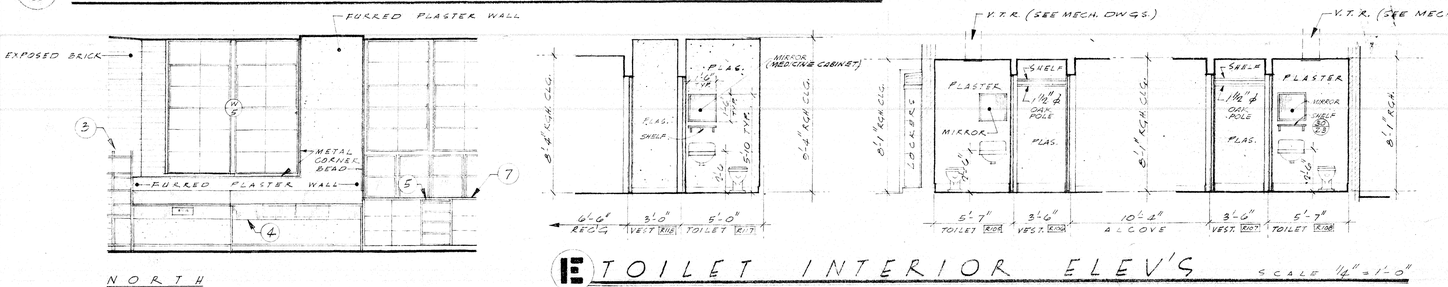
1. REFRIGERATOR (REACH-IN) N.I.C.
2. SINK & DRAINBOARD
3. POT RACK
4. SINKS & TABLE
5. BREAD BOARDS
6. HOT FOOD WARMER — UNDER COUNTER
7. SERVICE COUNTER
8. RANGE (N.I.C.)
9. DEEP FREEZE (N.I.C.)
10. COUNTER
11. SINK
12. REFRIGERATOR (N.I.C.)
13. WORK TABLE (N.I.C.)
14. WORK TABLE (BAKER)
15. MIXER (N.I.C.)
16. OVEN
17. STEAM COOKER
18. STEAM KETTLE
19. RANGE
20. RANGE HOOD
21. COUNTER
22. SINKS & DRAINBOARD
23. DISPOSAL
24. PEELER
25. WORK TABLE (N.I.C.)
26. SHELVES



C OUT-DOOR SERVICE INTERIOR ELEVATIONS

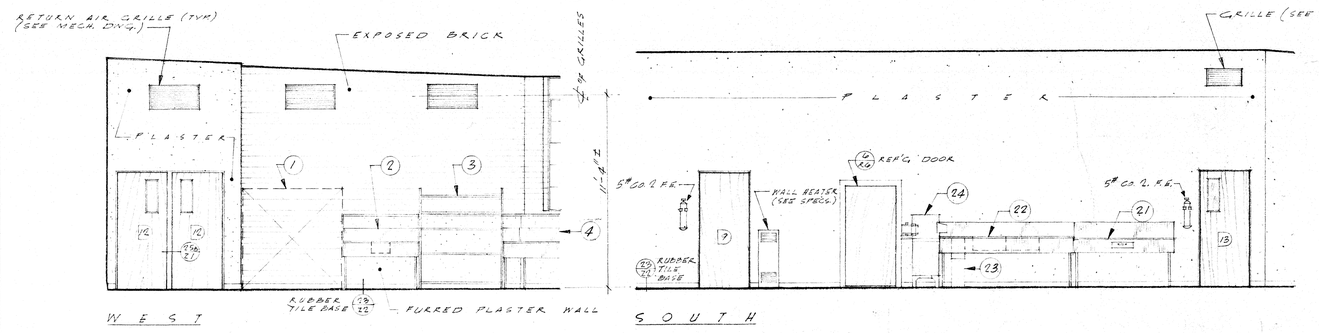
R-114

SCALE 1/4" = 1'-0"



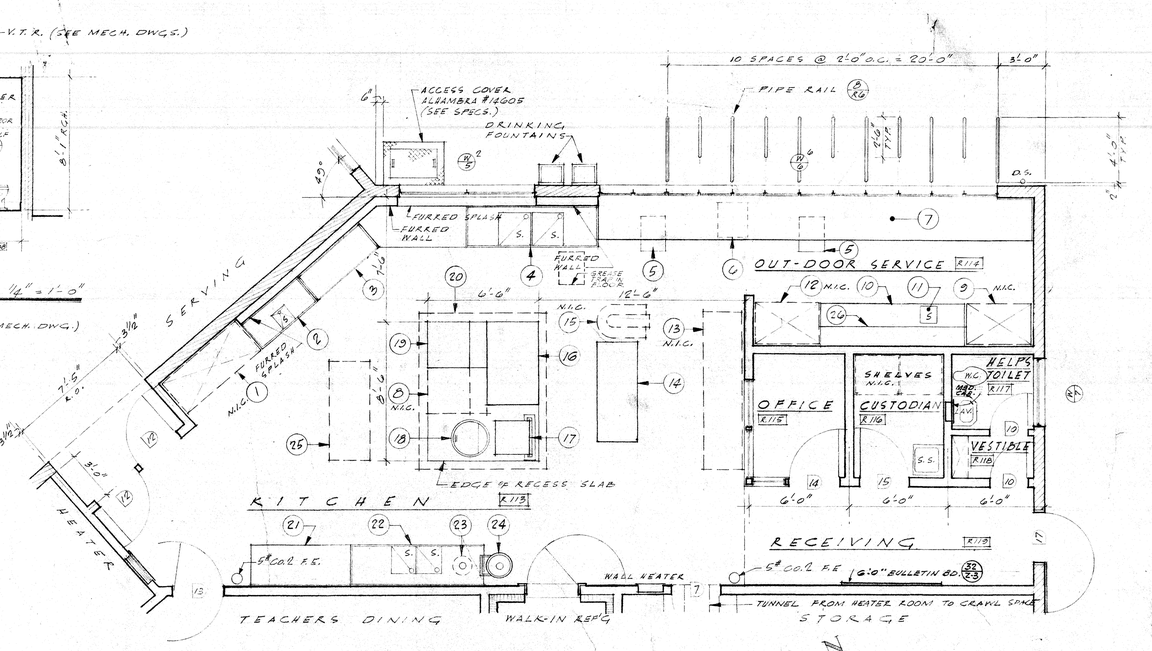
E TOILET INTERIOR ELEV'S

SCALE 1/4" = 1'-0"



F KITCHEN INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"



G KITCHEN FLOOR PLAN

SCALE 1/4" = 1'-0"

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO.	APPROVED
52594	FEB 24 1960

PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

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KITCHEN PLAN & INTERIOR ELEVATIONS

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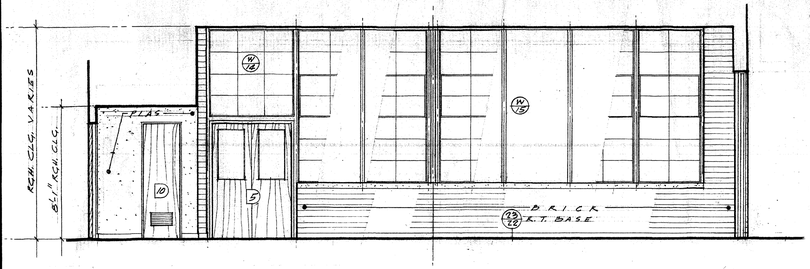
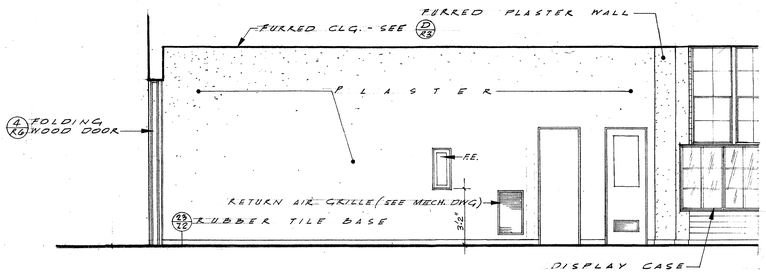
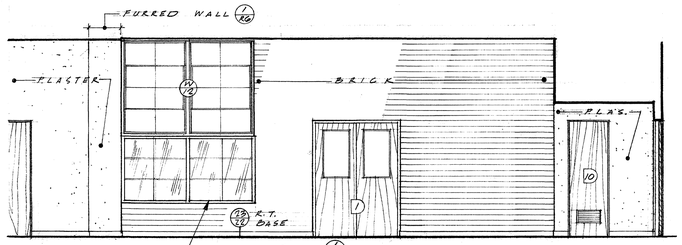
SHEET R-4

BO. 100

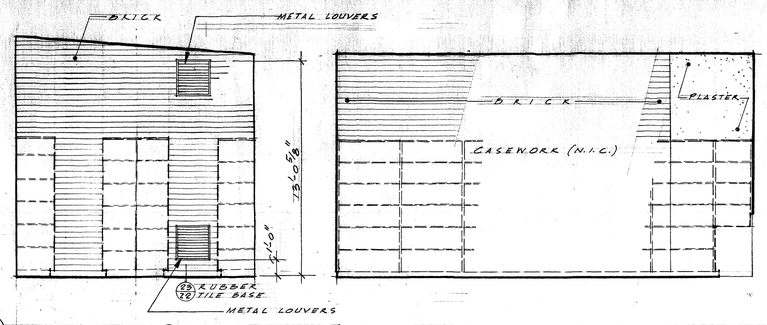






A STUDENT LOUNGE

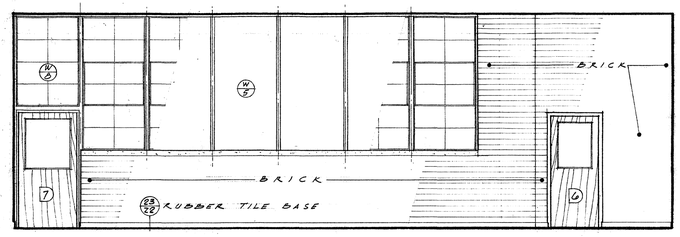
SC. 1/4" = 1'-0"

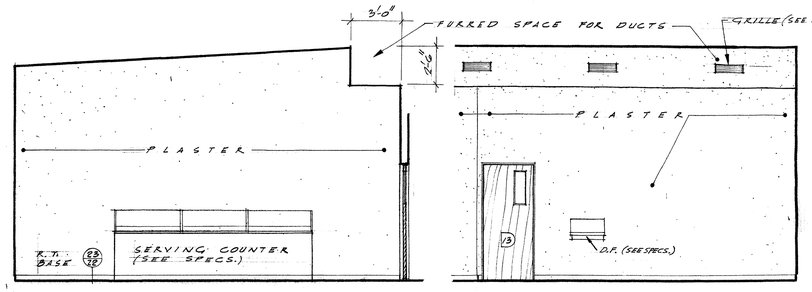


B STORAGE

R123

SCALE 1/4" = 1'-0"





C TEACHERS DINING

R121

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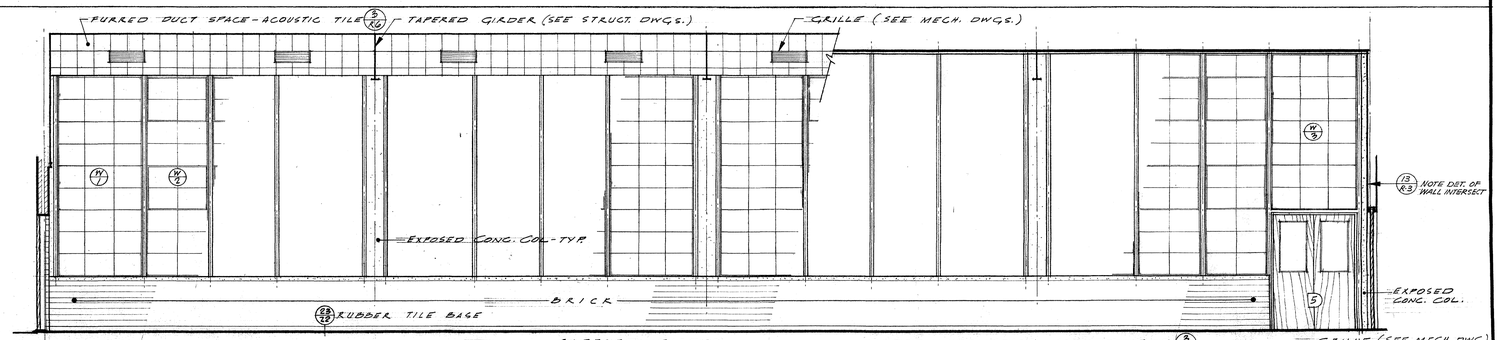

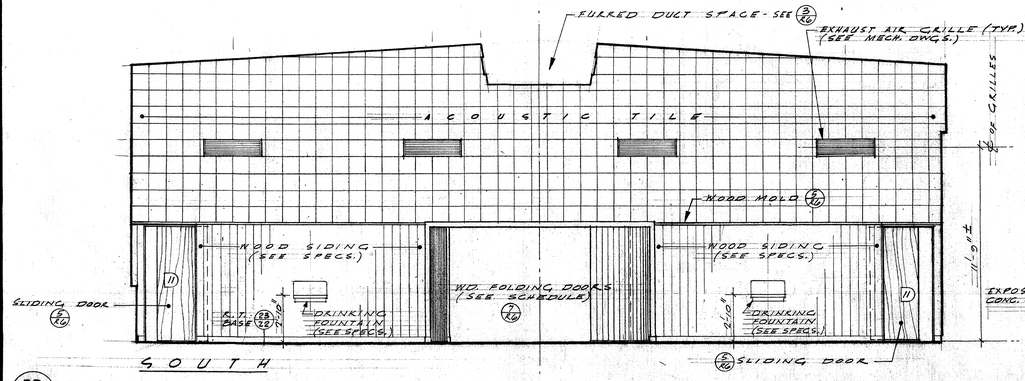

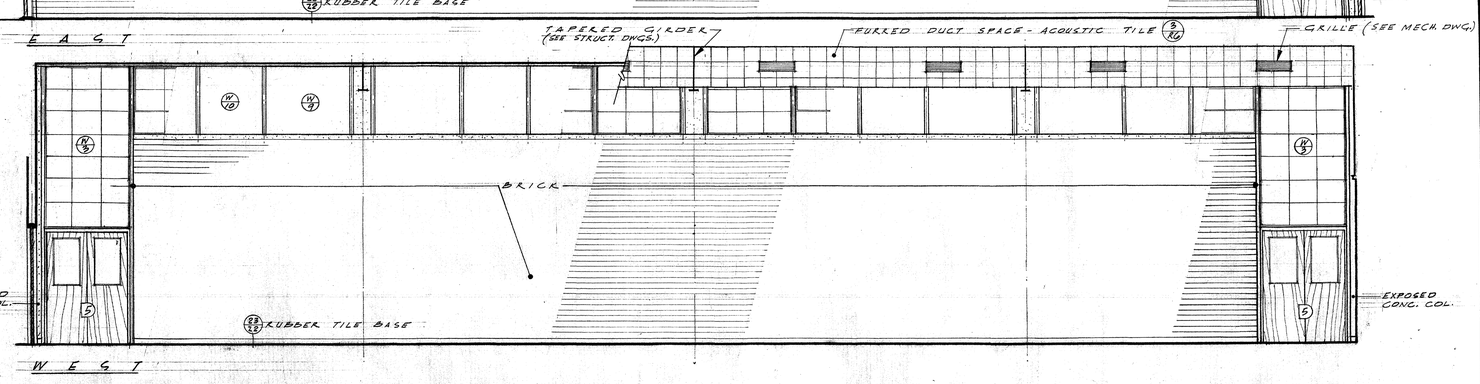

D STUDENT DINING INTERIOR ELEVATIONS

R101

SCALE 1/4" = 1'-0"

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

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INTERIOR ELEVATIONS
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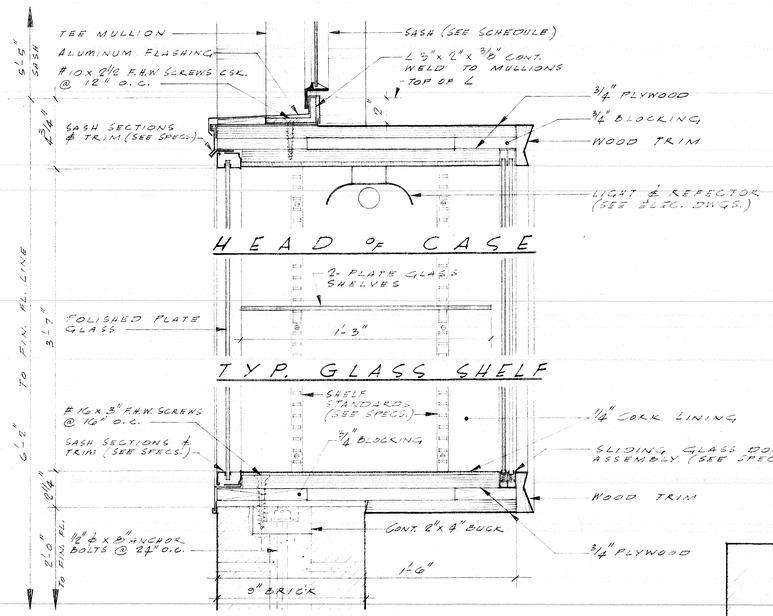
SHEET R-5
DO. 101



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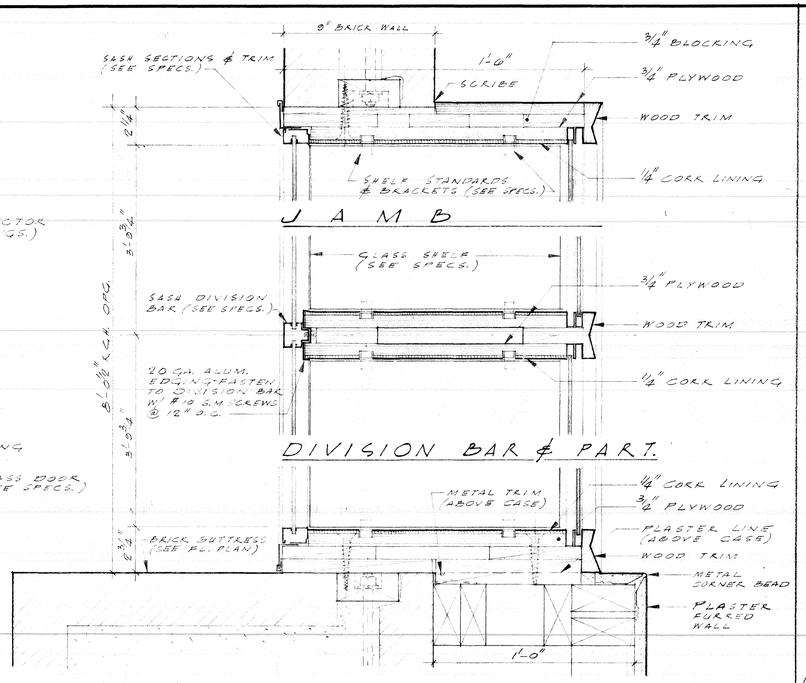
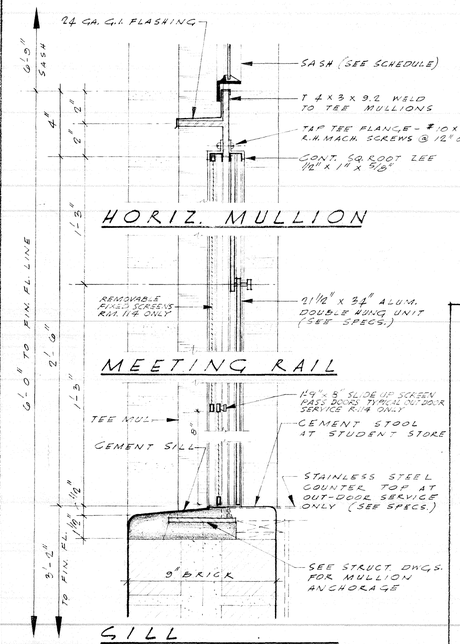
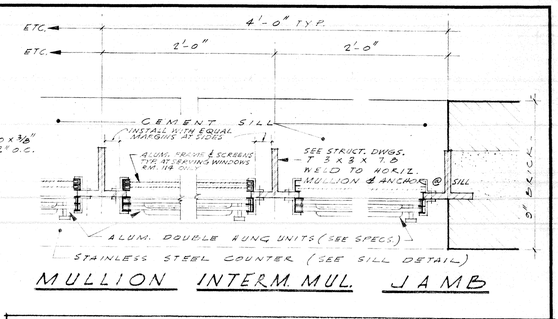


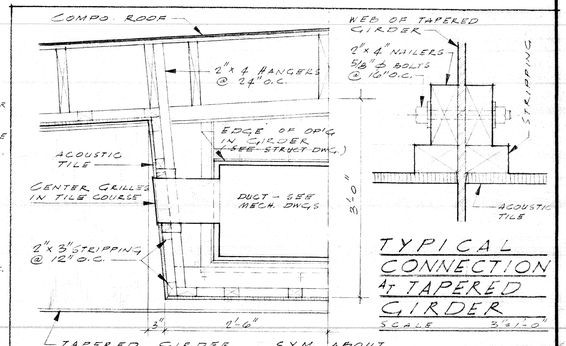
SCALE 3" = 1'-0"



2 SERVING & SALES WINDOWS

SCALE 3" = 1'-0"





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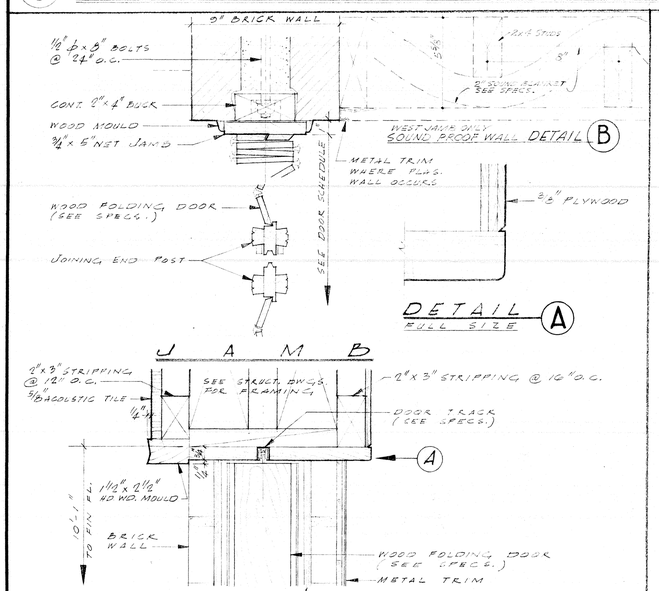
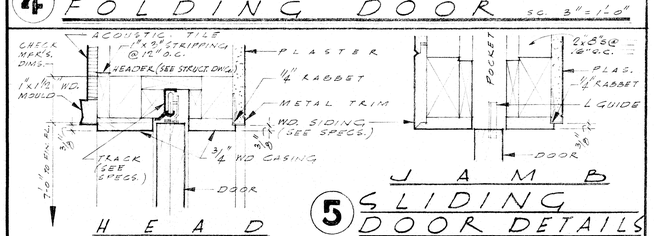
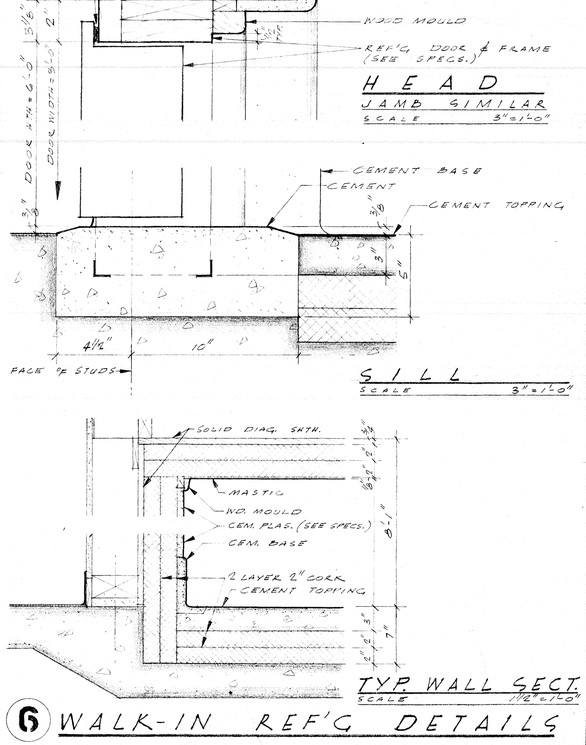
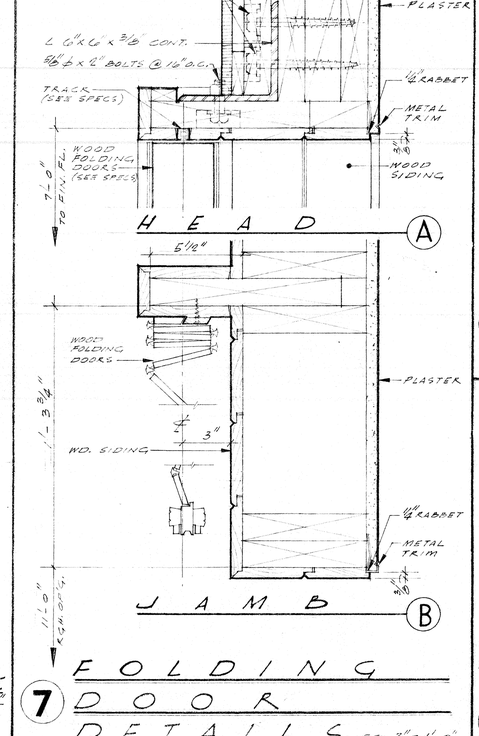


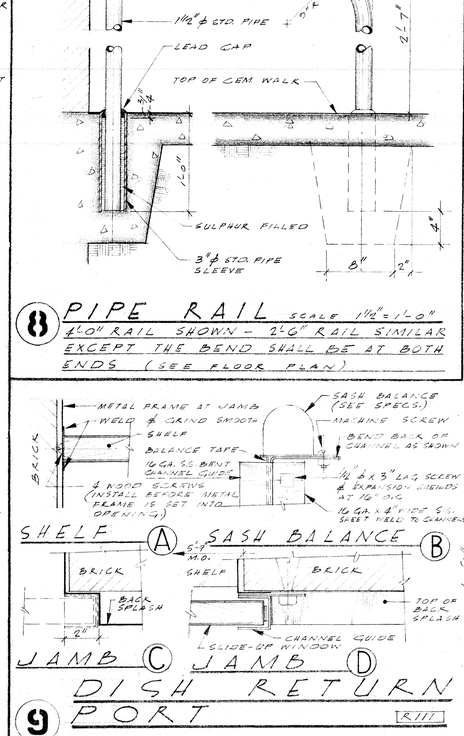




6 WALK-IN REF'G DETAILS



7 FOLDING DOOR DETAILS SC. 3" = 1'-0"



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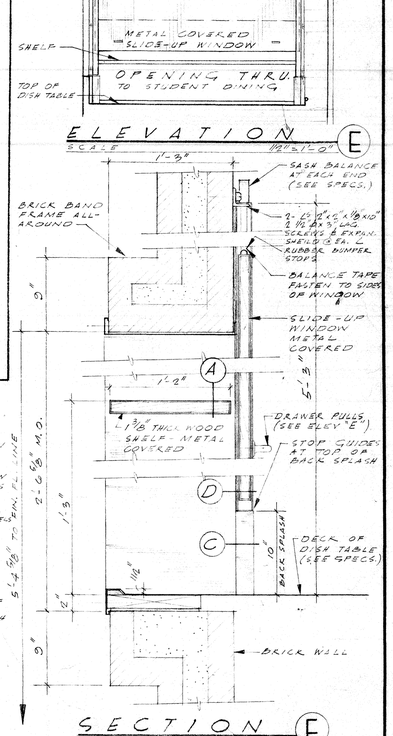

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. | APPROVED
J.L. PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
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SHEET R-6

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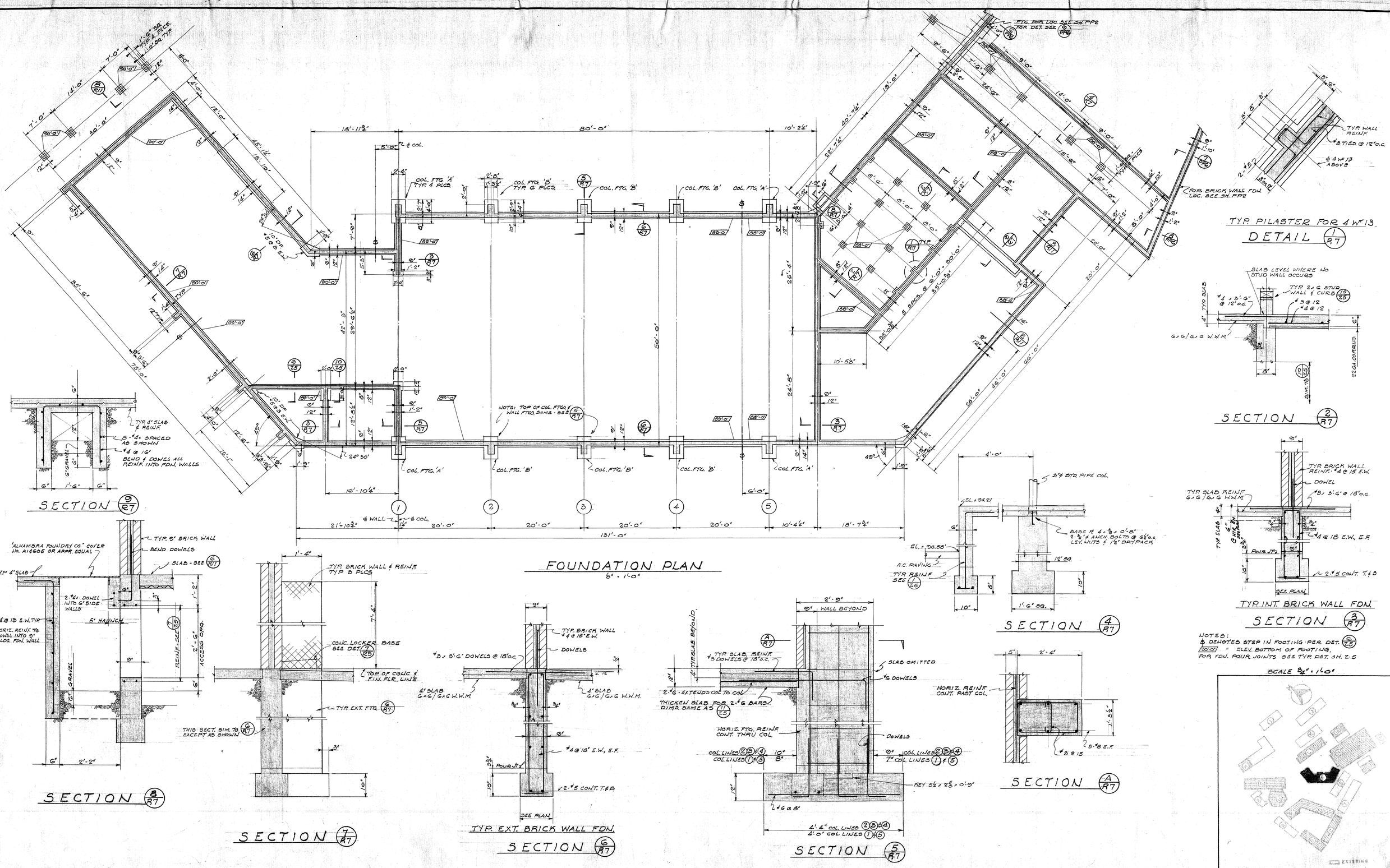

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1629 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 2-2218

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Balch Bryan	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

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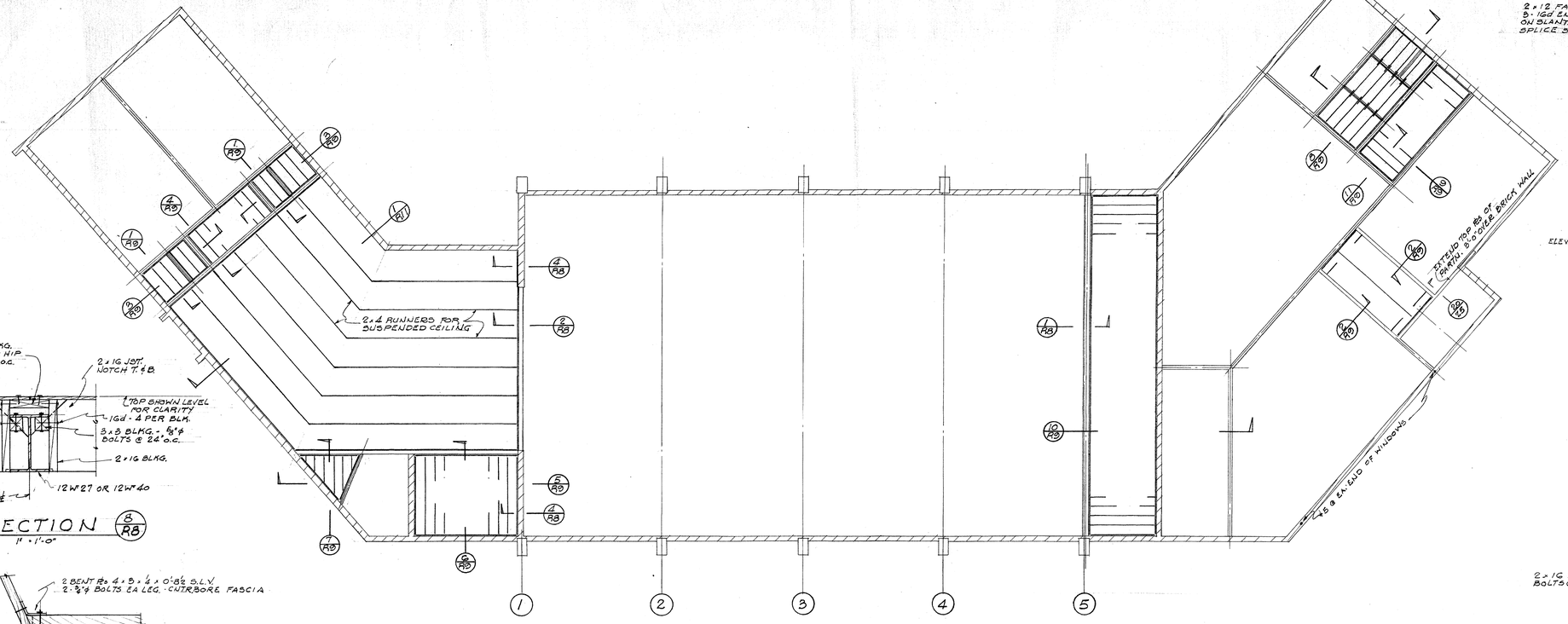
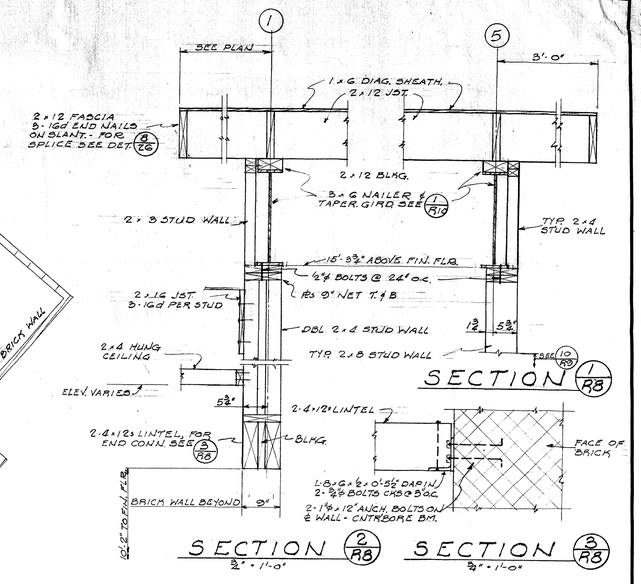
FOUNDATION PLAN & DETAILS
DATE PRINTED

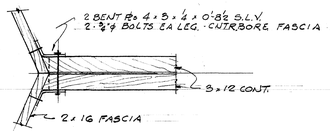
JOB 547
SHEET R-7
B.O. 103



CEILING FRAMING PLAN
1/8" = 1'-0"



SECTION 8/R8
1" = 1'-0"



SECTION 9/R8
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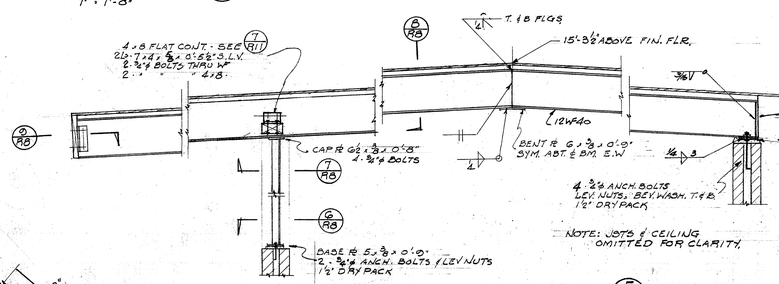
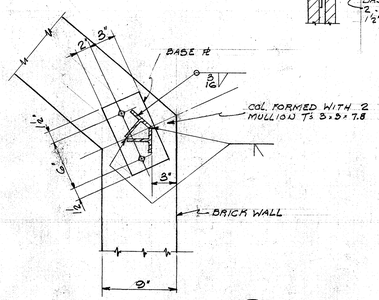
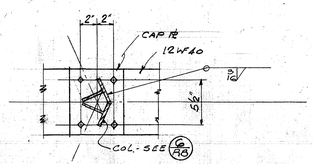


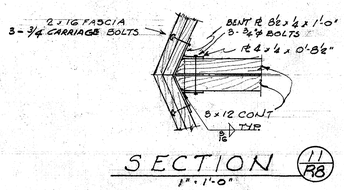
SECTION 5/R8
1/2" = 1'-0"



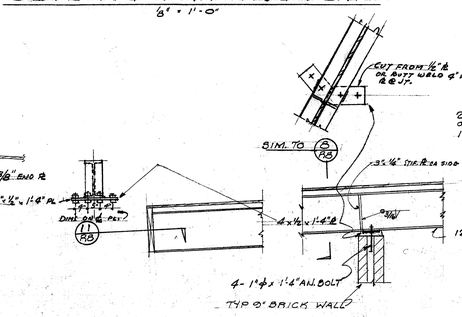
SECTION 6/R8
1/2" = 1'-0"

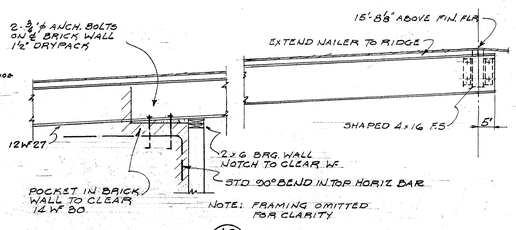


SECTION 7/R8
1/2" = 1'-0"

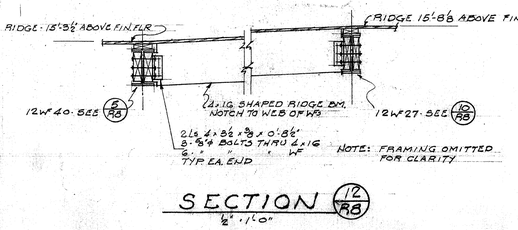


SECTION 11/R8
1" = 1'-0"

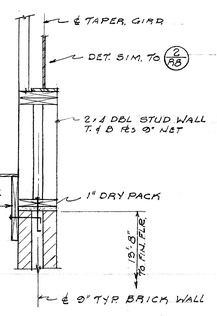




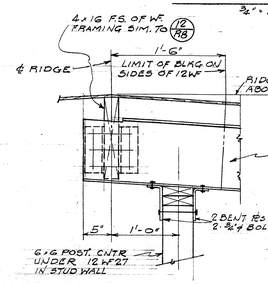
SECTION 10/R8
1/2" = 1'-0"



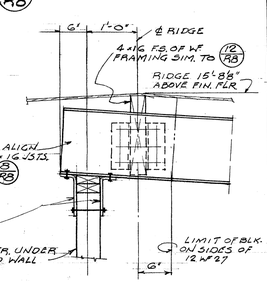
SECTION 12/R8
1/2" = 1'-0"



SECTION 4/R8
3/4" = 1'-0"



SECTION 13/R8
1" = 1'-0"



SECTION 14/R8
1" = 1'-0"

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT Wm Glenn Balch	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
℄ PRINCIPAL STRUCTURAL ENGINEER

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JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

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CEILING PLAN & DETAILS
DATE PRINTED

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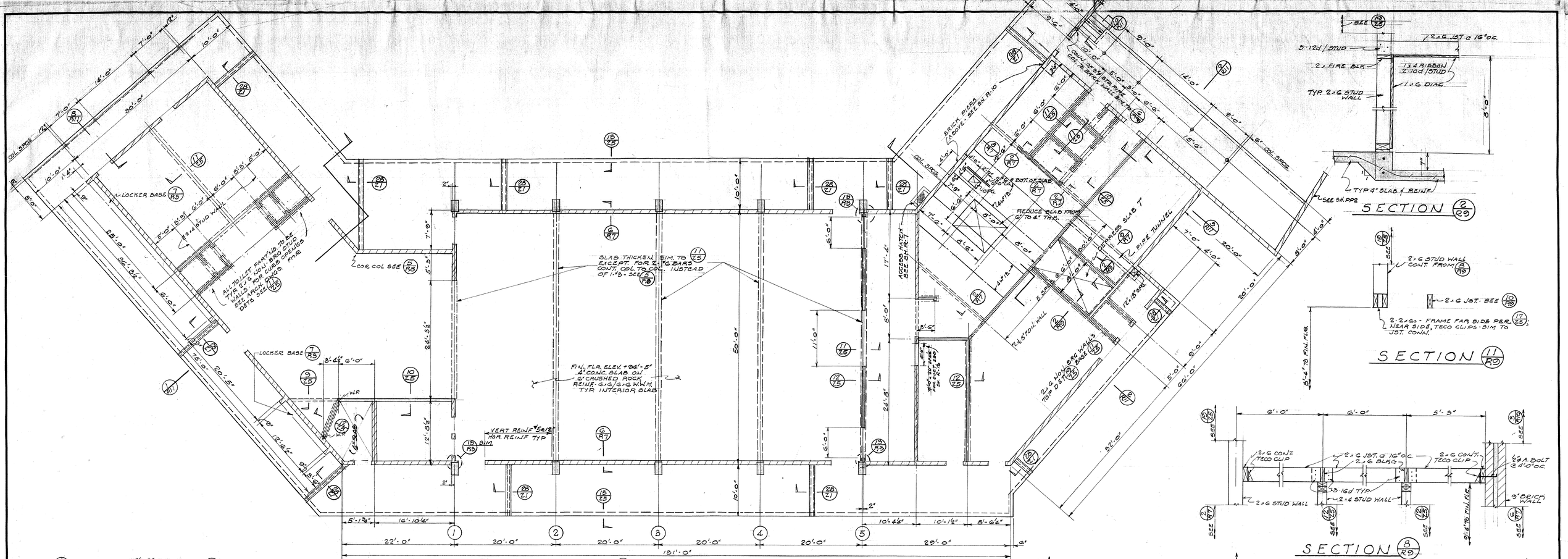
SHEET R-8
B.O. 104



FLOOR FRAMING PLAN

1/8" = 1'-0"

SCALE: 3/4" = 1'-0" OR AS NOTED

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
10626 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
RAymond 3-9215

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
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APPROVED FEB 24 1955
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BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39, NORMANDY 4-1933
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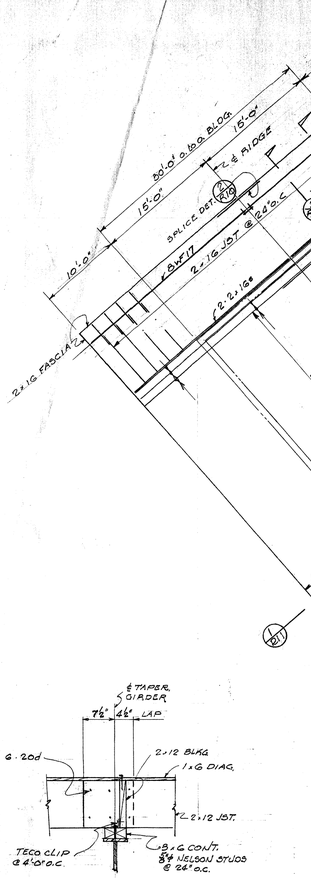
STRUCTURAL FLOOR PLAN & DETAILS
DATE PRINTED

JOB 547
SHEET R-9
B.O. 105

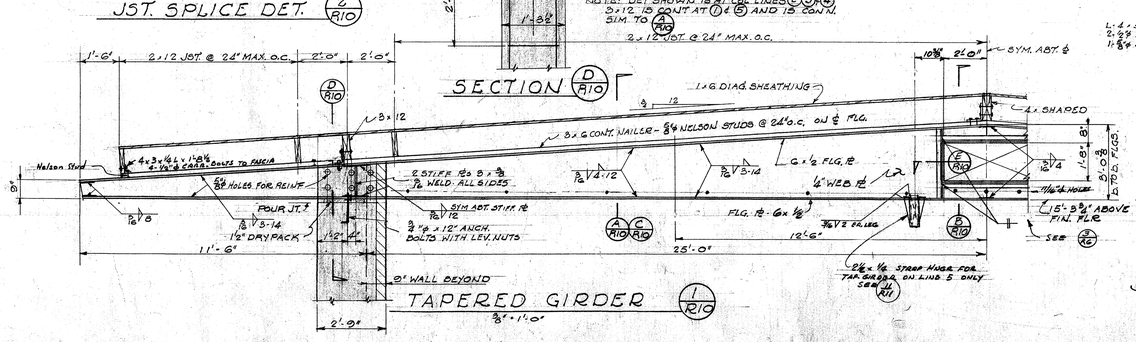


TYP. JST. CONN (C/R10)

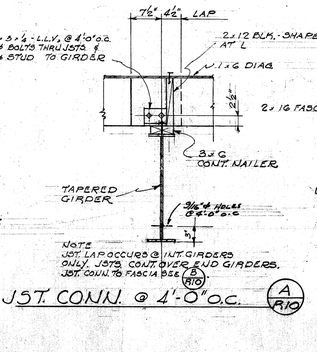
ROOF FRAMING PLAN
1/8" = 1'-0"

JST. SPLICE DET. (2/R10)

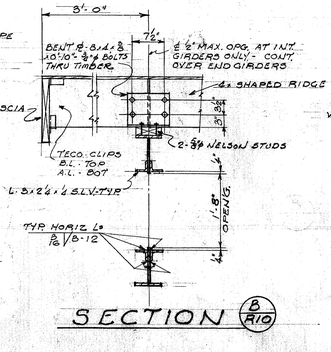
SECTION (D/R10)



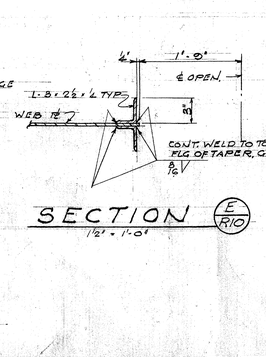
TAPERED GIRDER (1/R10)
3/4" = 1'-0"



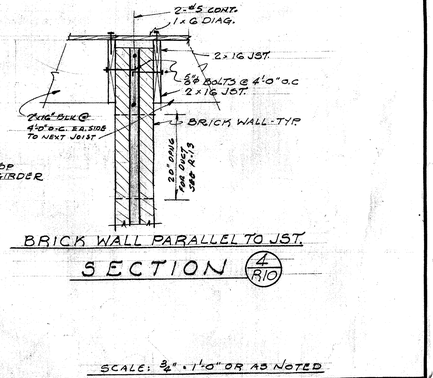
JST. CONN. @ 4'-0" O.C. (A/R10)



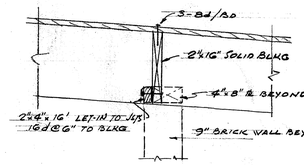
SECTION (B/R10)



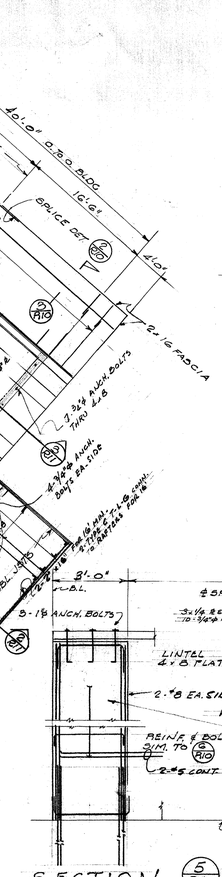
SECTION (E/R10)
1½" = 1'-0"



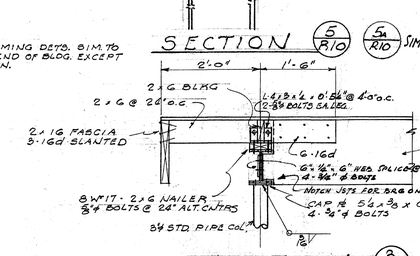
BRICK WALL PARALLEL TO JST.
SECTION (4/R10)



SECTION (7/R10)



SECTION (3/R10)



SECTION (5/R10) (5A/R10 SIMILAR)

SECTION (6/R10)

SECTION (G/R10)

SCALE: 3/4" = 1'-0" OR AS NOTED

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1020 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
DUNKIRK 3-3215

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

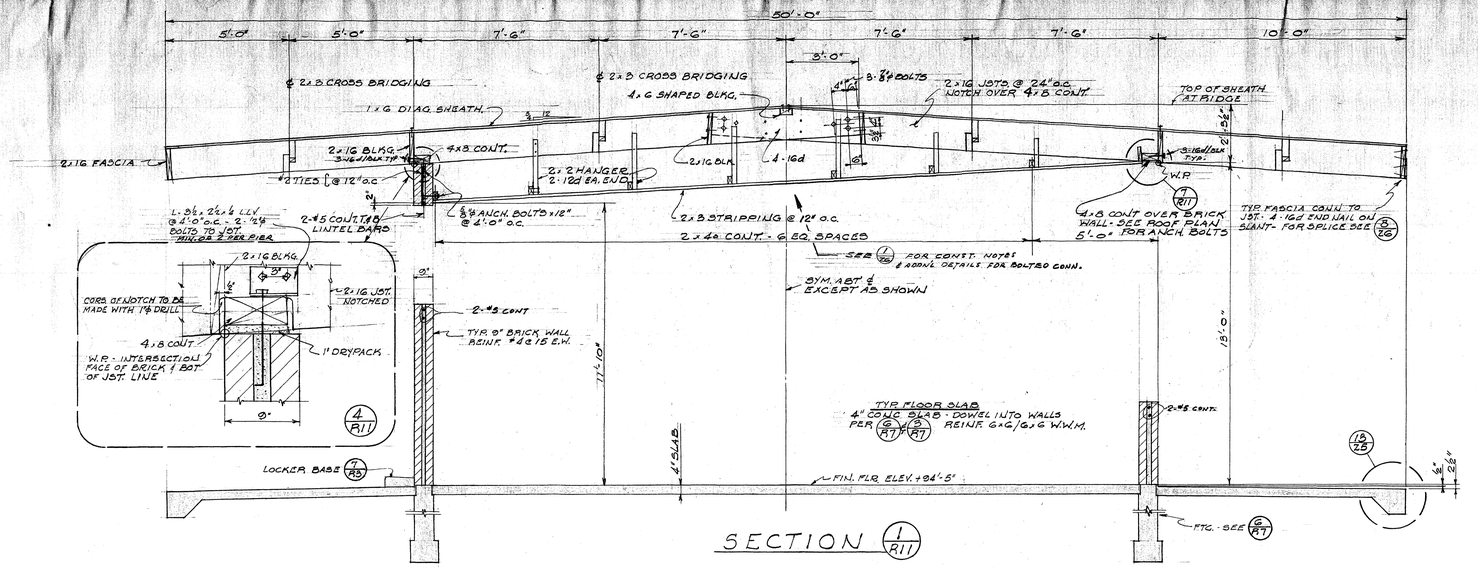
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

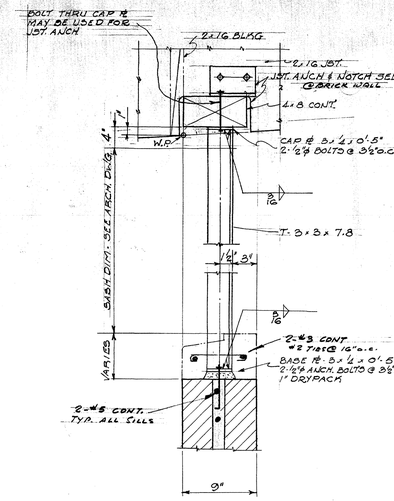
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

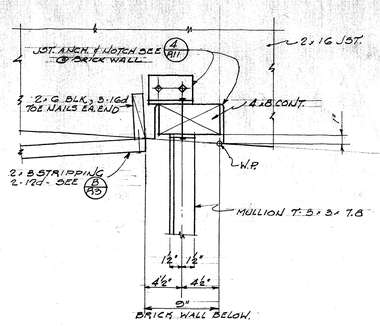
— UNIT · R —
ROOF FRAMING PLAN & DETAILS
DATE PRINTED

JOB 547
SHEET R-10
B.O. 106

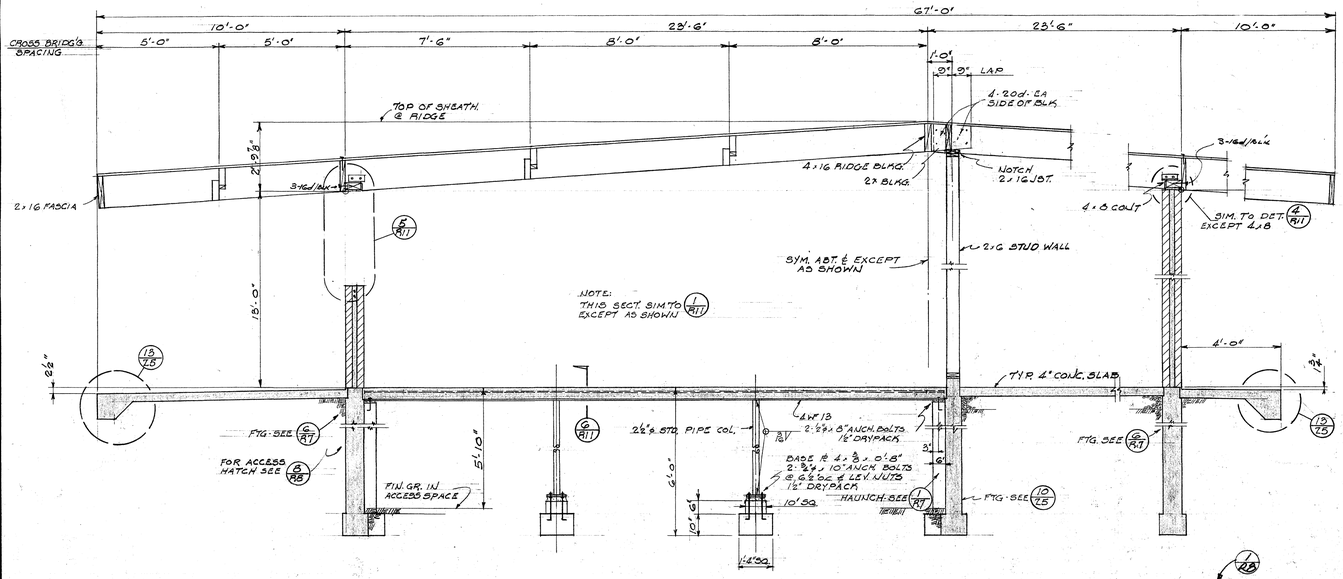


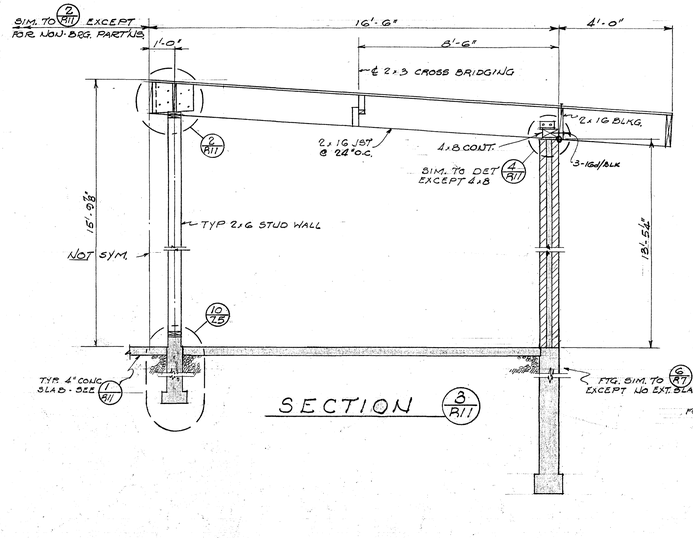


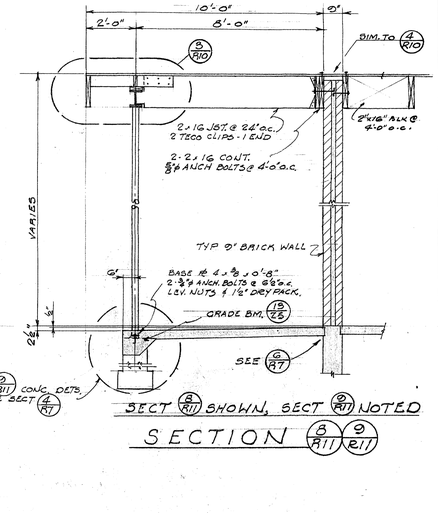
TYP. MULLION 5/R11
1½" = 1'-0"

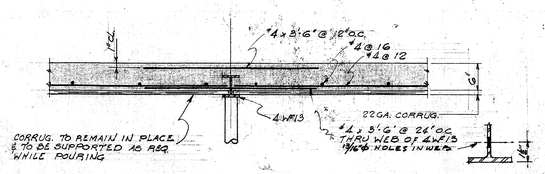


SECTION 7/R11
1½" = 1'-0"

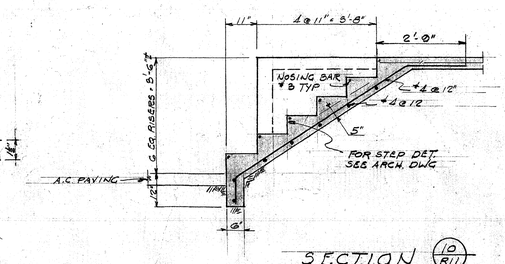




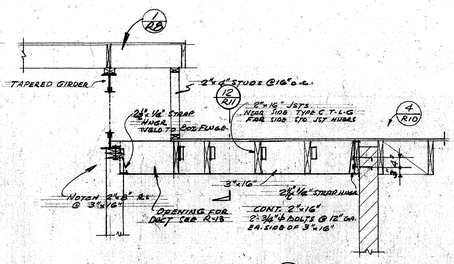




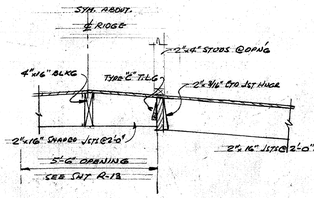
SECTION 6/R11
½" = 1'-0"



SECTION 10/R11
½" = 1'-0"



SECTION 11/R11



SECTION 12/R11

NOTES:
FOR DIMS. TO & SIZE OF DOOR & WINDOW OPENINGS SEE ARCH. DWGS.
FOR ELEVS. & WIDTHS OF BOTTOM OF FTGS. SEE SH. R-8.

SCALE: ⅜" = 1'-0" OR AS NOTED

EUGENE D. BIRNBAUM
STRUCTURAL ENGINEER
1628 SILVER LAKE BLVD.
LOS ANGELES 26, CALIF.
NO. C 3-9218

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT Wm Glenn Balch
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1955
J.O. PRINCIPAL STRUCTURAL ENGINEER

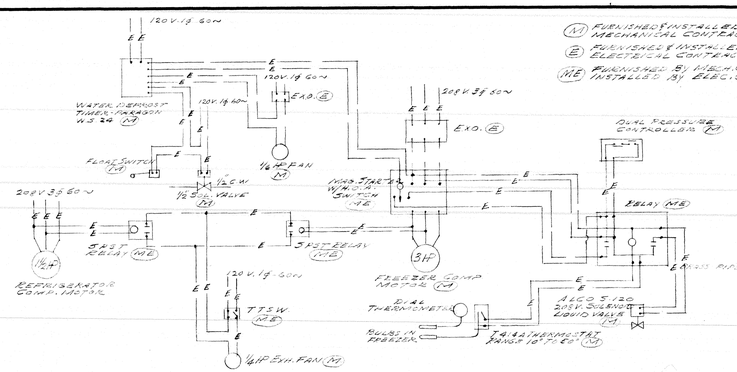
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT · R —
STRUCTURAL SECTIONS & DETAILS
DATE PRINTED

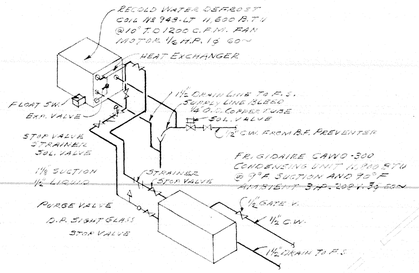
JOB 547
SHEET R-11
B.O. 107

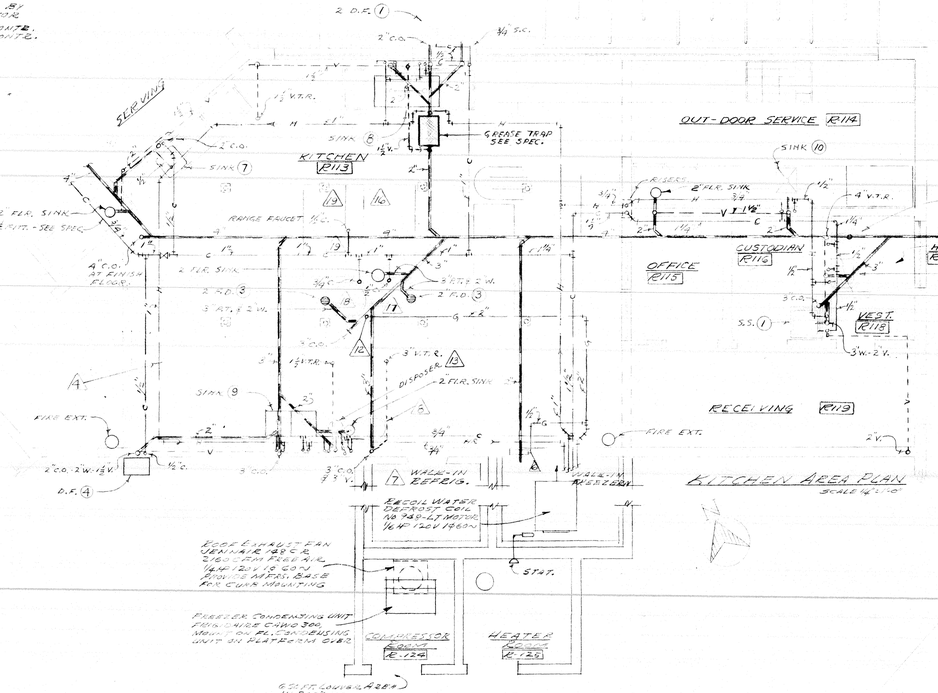
(M) FURNISHED & INSTALLED BY MECHANICAL CONTRACTOR
(E) FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR
(ME) FURNISHED BY MECH. CONTR. INSTALLED BY ELEC. CONTR.

FREEZER CONTROL DIAGRAM
NO SCALE



FREEZER PIPING DIAGRAM
NO SCALE

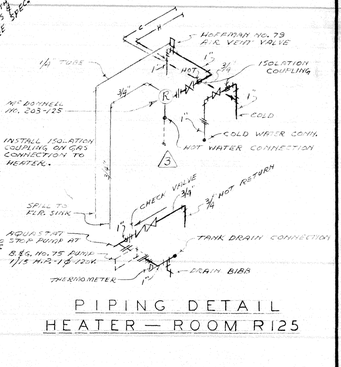




KITCHEN AREA PLAN
SCALE 1/8"=1'-0"

MECHANICAL PLAN UNIT - R
SCALE 1/8" = 1'-0"

PIPING DETAIL
HEATER — ROOM R110



PIPING DETAIL
HEATER — ROOM R125

REFERENCE NOTES - SHEET R-

1. A. O. SMITH PERMAGLAS WATER STORAGE TANK. 200 GAL. CAPACITY - 30" DIA. X 78" LONG - WITH MAGNESIUM ROD.
2. LAARS MODEL LC3NAT, 309,000 B.T.U. INPUT WATER HEATER INSTALLED COMPLETE AND OPERATIVE WITH 5" SIZE VENT THRU ROOF AND 1" SIZE GAS CONNECTION. RELIEF VALVE DISCHARGE SHALL BE PIPED UNDIMINISHED IN SIZE TO SPILL AT FLOOR SINK LOCATED UNDER STORAGE TANK. DISCHARGE LINE SHALL NOT BE TRAPPED.
3. DAY AND NIGHT 80-252NAT., 180,000 BTU INPUT WATER HEATER INSTALLED COMPLETE AND OPERATIVE WITH 7" SIZE VENT THRU ROOF AND 1" SIZE GAS CONNECTION. RELIEF VALVE DISCHARGE SHALL BE PIPED UNDIMINISHED IN SIZE TO SPILL AT FLOOR SINK. DISCHARGE LINE SHALL NOT BE TRAPPED.
4. REFER TO STRUCTURAL DRAWING R-7 FOR PLAN OF CRAWL SPACE UNDER KITCHEN. ALL PIPING SHALL BE INSTALLED EXPOSED IN CRAWL SPACE.
5. MAKE 1/2" GAS CONNECTION TO 35,000 BTU INPUT WALL HEATER INSTALLED BY H & V CONTRACTOR.
6. MAKE 1/2" GAS CONNECTION TO 65,000 B.T.U. INPUT WALL HEATER INSTALLED BY H & V CONTRACTOR.
7. CONNECT 1" COPPER TUBE OF REFRIGERATOR DRIP PAN PIPE TO SPILL AT NEAREST FLOOR SINK.
8. CONNECT 1/8" C. THRU VACUUM BREAKER TO REFLEX CONNECT 1" COPPER DRAIN TO SPILL AT FLOOR SINK
9. MAKE 1/2" GAS CONNECTION TO 80,000 B.T.U. INPUT FURNACE INSTALLED BY H. & V. CONTRACTOR.
10. MAKE 1 1/4" GAS CONNECTION TO 320,000 B.T.U. INPUT FURNACE INSTALLED BY H & V. CONTRACTOR.
11. MAKE 1/2" GAS CONNECTION TO 80,000 B.T.U. INPUT FURNACE INSTALLED BY H & V. CONTRACTOR.
12. STUB UP 2" S. INSTALL 2 COCK & 2" GAS HEADER WITH BRANCH CONNECTIONS TO ITEMS 16-17-18-19 SHOWN & IDENTIFIED ON ARCHITECTURAL DRAWINGS.
13. FURNISH TRAP & 1/2 GLOBE VALVE - INSTALL HC 359-18 WASTE KING CHAR. 2 STORAGE ITEM 23 FURNISHED BY PLUMBING CONTRACTOR.
14. SAME AS 13 EXCEPT FOR HC 459-18 WASTE KING

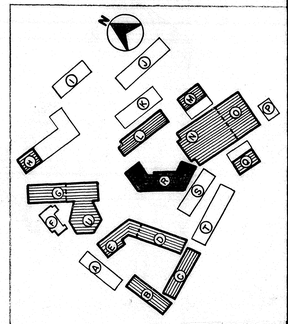
NOTE: EXACT LOCATIONS OF TANK FITTINGS SHALL BE AS RECOMMENDED BY "HEATER MANUFACTURER FOR RECIRCULATING HOT WATER SYSTEM.

UNIT "R"
SCALE 1/8" = 1'-0"

FOR GENERAL NOTES, SYMBOLS & ABBREVIATIONS REFER TO PLOT PLAN DRAWING NO. SP-2

INSTALL APPROVED SIGN AT BLDG. GAS SHUT-OFF COCK - SEE PLOT PLAN DRAWING NO SP-2

AS BUILT
DRWG. REVISED 1-18-57



LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO.
APPROVED FEB 8 1957
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT-R —
PLUMBING PLAN
DATE PRINTED

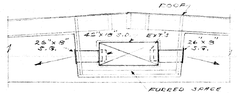
JOB 547
SHEET R-12
B-0./08

H. & V. SYMBOL SCHEDULE

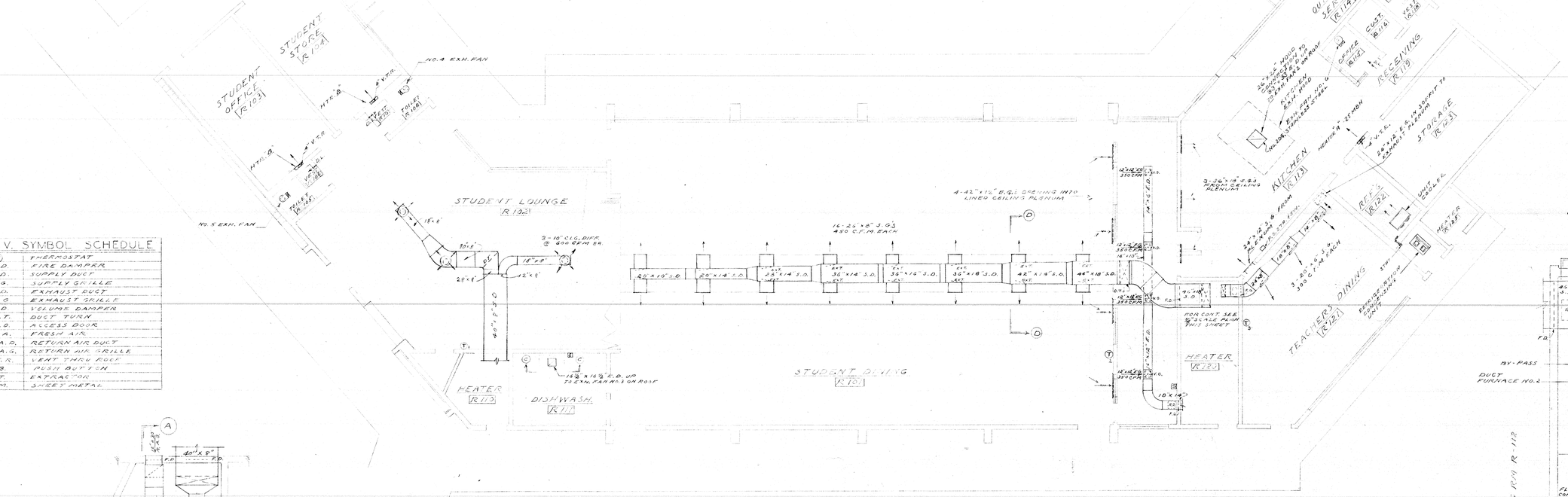
(T)	THERMOSTAT
F.D.	FIRE DAMPER
S.D.	SUPPLY DUCT
S.G.	SUPPLY GRILLE
E.D.	EXHAUST DUCT
E.G.	EXHAUST GRILLE
V.D.	VOLUME DAMPER
D.T.	DUCT TURN
A.D.	ACCESS DOOR
F.A.	FRESH AIR
R.A.D.	RETURN AIR DUCT
R.A.G.	RETURN AIR GRILLE
V.T.R.	VENT THRU ROOF
P.B.	PUSH BUTTON
EXT.	EXTRACTOR
S.M.	SHEET METAL

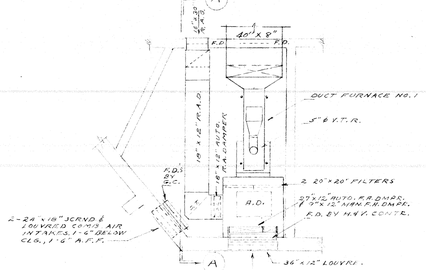
H. & V. EQUIPMENT SCHEDULE

DUCT FURNACE NO. 1	HAYES NO. 150 SEC-E CASE W/ H.E. NO. 80 HEAT EXCHANGER 89,000 BTU INPUT & 64,100 BTU OUTPUT 1800 CFM @ ½" S.P. MOTOR ½ H.P. 120 V. 1 Ø 60~
DUCT FURNACE NO. 2	HAYES NO. 120 SEC-E 120,000 BTU INPUT & 86,400 BTU OUTPUT FURNACE TO HAVE 30" HIGH STAND MANUFACTURER'S 5" BY-PASS WITH MANUAL DAMPERS.
DUCT FURNACE NO. 3	HAYES NO. 80 SED-E 80,000 BTU INPUT & 64,000 BTU OUTPUT. FURNACE TO HAVE 30" HIGH STAND.
SUPPLY FAN NO. 1	A.B. CO. NO. 223 SIROCCO DWDI TAD CW ARR. 3 W/100 FAN @ 6½" S.P. 874 RPM. ½ HP. 1725 RPM 1 Ø 115 V. 3 STEP VARI-PITCH MOTOR DRIVE A.B. VARI-PITCH DRIVE 51 SHEAVE 10.0 BORE MOUNT ON TANK & MOTOR ON FANS ½" THICK CORK OR ROAD-FOND ISOLATION BASE.
FILTERS	FAR AIR 20" x 20" x 2" 3 W. 3 M.
HEATER A	HAMMEL CIRCULAIR WALL HEATER MODEL C-35 3R 35,000 B.T.U. INPUT
EXHAUST FAN NO. 1	A.B. CO. NO. 135 BZ UTILITY SET 600 CFM 1450 R.P.M. @ ⅛" S.P. ¼ H.P. 1725 RPM MOTOR MOUNT. FAN ON FOAM RUBBER MOTOR ON SPRINGS ISOLATION BASE.
EXHAUST FAN NO. 2	DAVIDSON SIZE 37 HI-DUFT ROOF FAN 5000 CFM @ ½" S.P. V-BELT DRIVE 1 HP 208 V 3 Ø 60~ MOTOR PROVIDE MFR'S SUB-BASE
EXHAUST FAN NO. 3	DAVIDSON SIZE 18 HI-DUFT ROOF FAN 1400 CFM @ ½" S.P. V-BELT DRIVE ¾ HP 1725 RPM MOTOR PROVIDE MFR'S SUB-BASE
HEATER A	HAMMEL CIRCULAIR WALL HTR. MODEL C-23 3R 23,000 B.T.U. INPUT
EXHAUST FANS NOS. 4, 5 & 6	PRYNE NO. 202 EXH. FANS @ 175 CFM EA CONSISTS OF 3 SIZED SWP. ½ H.P. ELBOW, DISCH. DUCT & 8" ROOF JACK 208 V. 1 Ø 60~ MOTORS

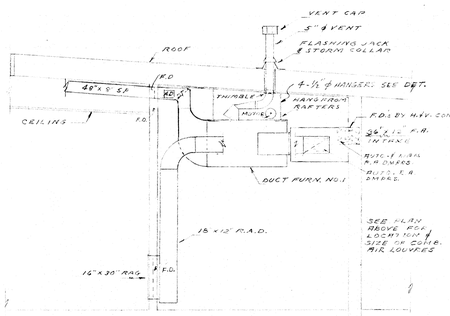


SECTION (D)
SCALE ¼"=1'-0"

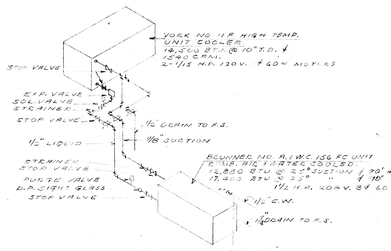




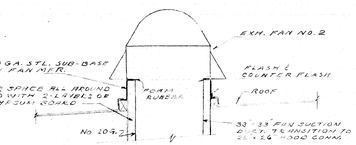
PLAN
HEATER ROOM R 116
SCALE ¼"=1'-0"



SECTION (A)

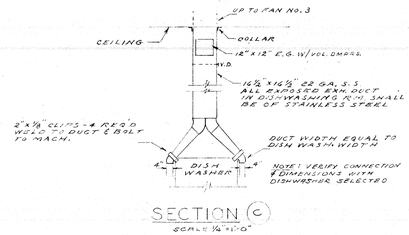


REFRIGERANT PIPING DIAGRAM
NOT TO SCALE

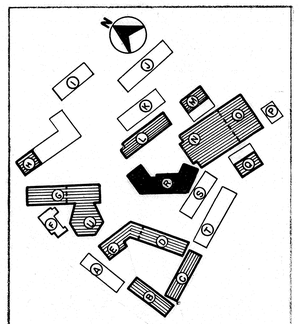


DETAIL OF HOOD EXH. FAN
SCALE ¾"=1'-0"
NOTE - INSTALLATION OF FAN NO. 3 SIMILAR

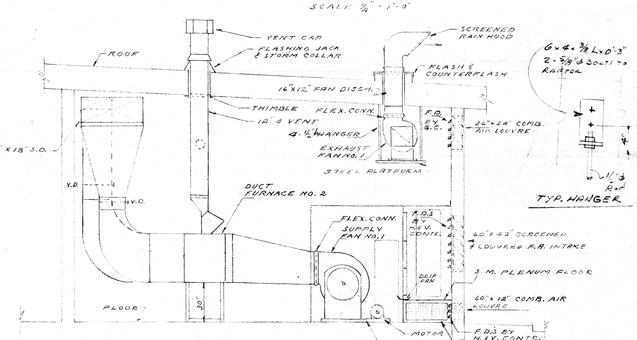
UNIT "R"
SCALE ⅛"=1'-0"



SECTION (C)
SCALE ¼"=1'-0"



PLAN
HEATER ROOM R 120
SCALE ¼"=1'-0"



SECTION (B)

AS BUILT
DWG. REV. 1-18-57

NOTE: PROVIDE AND INSTALL FILE DRAWERS WHERE REQUIRED.

REFER TO DWG. Z-7 FOR TEMP. CONTROL DIAGRAMS

LESTER R. KELLY
MECHANICAL ENGINEER
443 S. BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 18532
APPROVED FEB 25 1957
PRINCIPAL STRUCTURAL ENGINEER

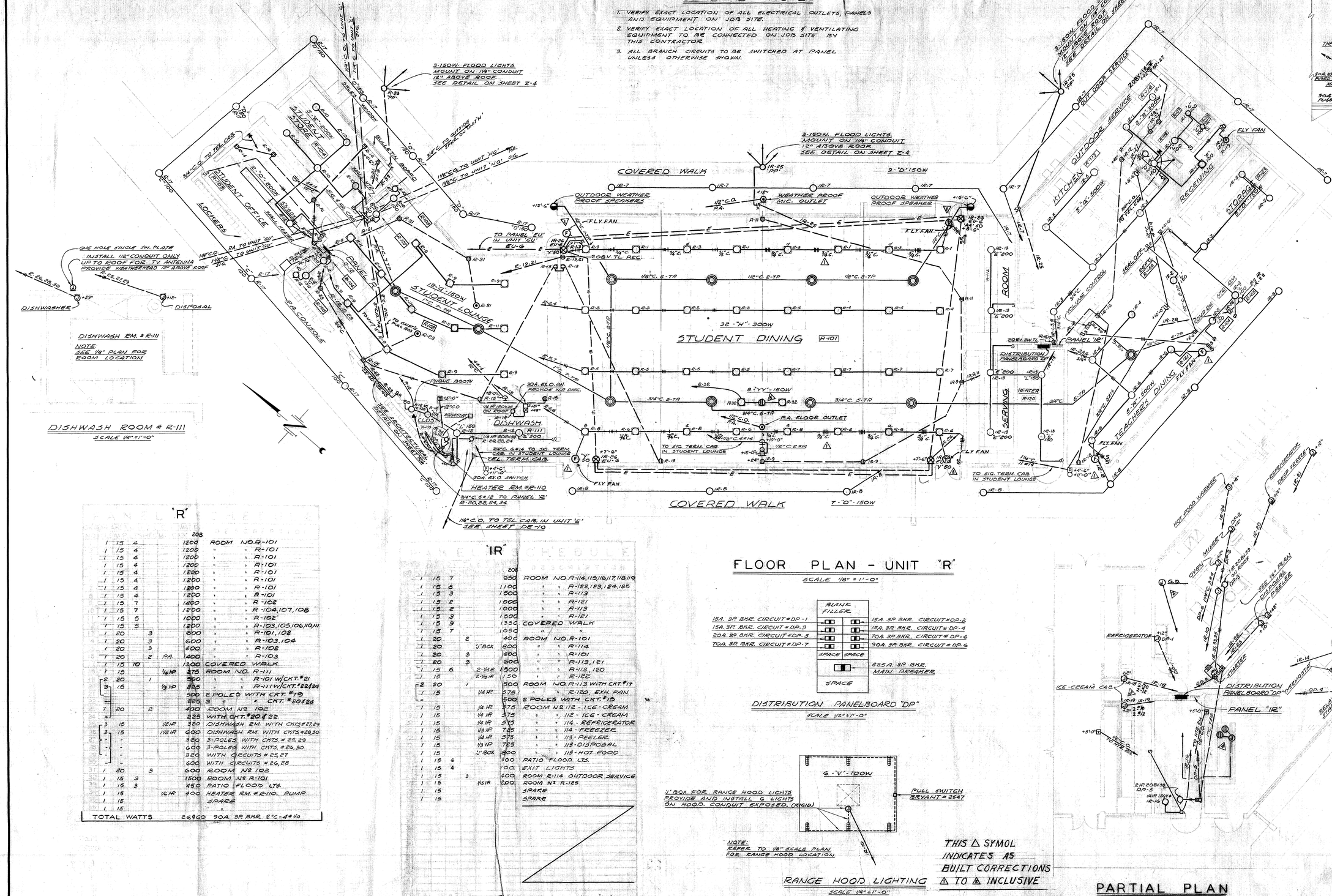
BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

— UNIT R —
HEATING & VENTILATING
PLAN — DETAILS & SECTIONS
DATE PRINTED

JOB 547
SHEET R-13
8.0.109

GENERAL NOTES

1. VERIFY EXACT LOCATION OF ALL ELECTRICAL OUTLETS, PANELS AND EQUIPMENT ON JOB SITE.
2. VERIFY EXACT LOCATION OF ALL HEATING & VENTILATING EQUIPMENT TO BE CONNECTED ON JOB SITE BY THIS CONTRACTOR.
3. ALL BRANCH CIRCUITS TO BE SWITCHED AT PANEL UNLESS OTHERWISE SHOWN.


DISHWASH RM. # R-111
SCALE 1/4"=1'-0"
DISHWASHER
DISPOSAL
ONE HOLE SINGLE SW. PLATE
INSTALL 1/2" CONDUIT ONLY UP TO ROOF FOR TV ANTENNA
PROVIDE WEATHERHEAD 12" ABOVE ROOF
NOTE: SEE 1/8" PLAN FOR ROOM LOCATION
3-150W. FLOOD LIGHTS MOUNT ON 1 1/4" CONDUIT 12" ABOVE ROOF SEE DETAIL ON SHEET Z-4
STUDENT OFFICE
LOCKERS
STUDENT STORE
BULLETIN BOARD
COVERED WALK
STUDENT LOUNGE
STUDENT DINING R-101
PHONE BOOTH
DISHWASH
HEATER RM. #R-110
OUTDOOR WEATHER PROOF SPEAKERS
WEATHER PROOF MIC. OUTLET
FLY FAN
208V. TV. REC.
32 - "H" - 300W
9 - "YY" - 150W
7 - "D" - 150W
PA. FLOOR OUTLET
TO SIG. TERM. CAB. IN STUDENT LOUNGE
TEL. TERM. CAB.
30A. E.D.S.W. PROVIDE W.R. DISC.
30A. E.D.S.W.
SEE ARCHITECTURAL DETAIL ON SHEET A-5
TO PANEL 'EU' IN UNIT 'EU-6'
TO UNIT 'EU'
TO UNIT 'H'
TO UNIT 'H1'
TO UNIT 'H1'
TO OUTSIDE SPKR. ON ROOF
TO UNIT 'EU'
TO UNIT 'EU'
TO UNIT 'H'
TO UNIT 'H1'
TO UNIT 'H1'
TO UNIT 'H'
TO UNIT 'H'
TO UNIT 'H

(COVERED WALK SIDE ONLY)

35 SECTION AT WALL BETWEEN JAMBS

SCALE 3" = 1'-0"

NOTE ALL EXPOSED ADJ. SURFACES OF STUDS OR PLYWOOD BACK UP

34 HALF FULL SIZE PLASTER SCREED

#8 X 1" F.H.M. SCREWS @ 12" O.C. INTO 2" STAGGER

CORK BOARD

¾" PLYWOOD - PASTEN TO WALL WITH #8 F.H.M. SCREWS INTO EXPANSION SHIELDS @ 16" O.C. EACH WAY

FACE OF WALL

WOOD

NOTE: SEE SPECS FOR TYPE OF SECTION

3 1/4"

SEE ELEV. FOR WIDTH & HEIGHT

37 TYPICAL BULLETIN BOARD FULL SIZE

TYP. TRIM SEE 14

32 HEAD

30 TYP. INTERIOR DOOR HEAD

NOTE... TRIM & WALL COVER VARY BOTH SIDES. SEE RM. WALL ELEVATIONS

CROWN TILE

31 SILL

33

MULLION

NOTE SEE SH. OE.3 FOR SPECIAL MULLION DETAIL.

TYPICAL FIXED GLASS PARTITIONS SCALE 3"=1'-0" JAMB 29

FLASHING

BOTT. OF PLATE

CAULK

LINTEL SEE STRUCT. DWGS.

FACE OF PLYWOOD

WINDOW SILL DIM.

WINDOW HEAD 36

INSULATION

TOP OF PLATE

BOTT. OF JOIST

2"x8" STRIPPING 16" O.C.

PLASTER GD.

MTL. TRIM

HEAD 11

PLASTER SCREED

NOTE: PROVIDE STUB BLOCK OR AT ANCHORS FOR HOLLOW WALLS. USE 3/16" DIA. EXPANSION ANCHORS IN CONC. W.

3/4" STEEL PIPE SEE DET. 36

SHOP WELD L TO P.S.

WALL LINE

1/4" LAG SCREW

SECTION

1/4" L ANCHORS NEAR TOP & BOTT. & CENTER OF C.R.

C'SK. 3/8" F.H. SCREWS @ ENDS & @ 24" O.C.

3/16 x 1/4 VON SLIP STL. PL.

3/16 x 1/4 STL. PLATE CONTIN. AT SILL & AT 4 ROS. EVERY

WELD TO L

1 1/4" x 1 1/4" x 1/4" L BOTH SIDES CONT.

1/4" ø ANCHORS 18" O.C. WELD TO L AT WALL

WELD SECTION OF P.S. 3" LONG 90° TURN INTO DRAIN

UNDER WALK DRAIN 28

SCALE 3" = 1'-0"

NOTE... INSERT G.I. FLASHING STRIP AT ALL GRAVEL STOP BUTT JOINTS.

SEE STRUCT. DWGS.

TYPICAL G.I. GRAVEL STOP

11" x 16 GA. ST. STRAP @ 4'-0" O.C.

G.I. CONT. GUTTER

1/4" x 16 x 34 G.I. WIRE MESH STRAINER

1/8" x 1" METAL HANGERS @ 2'-0" O.C.

2" x 8" x .I. DOWNSPOUT CONNECT TO STL. PIPE AT WALL SEE DET. 35

1/4" x 1 1/2" LAG SCREW WITH #10 x 1" WOOD SCREW

SEE DETAIL

CONT. WATERPROOF BLDG. PAPER

FASCIA (TYPICAL) 24

TOP OF PLATE

BOTT. OF JOIST

PLASTER OF PLYWOOD

NOTE... THIS TRIM BETWEEN WINDOW GRILLS & BEYOND EXCEPT AS NOTED. DET. 6 Z1

HEAD BEYOND WINDOW 23

FOR WALL SECTION BETWEEN WINDOWS SEE THIS SH. #3E THIS SH.

NOTE JAMB DET. 3 Z1

CAULK

FIN. WALL LINE BEYOND

FINISH WHERE NO CHALKBOARD OCCURS

METAL LATH AND PLASTER

NOTE THIS DIMENSION APPLIES TO BUILDING UNIT E ONLY

2"x6" JOISTS @ 16" O.C.

FIN. CONT.

ROOF

SILL 22

NOTE: VERIFY ANGLES TO BUILDING LINES AT E.C.O.E. ONLY

LOUVERS & CLOSER STOR. W.H.C.

METAL SCREED

LINE OF BASE

2 3½" ø ANCHOR BOLTS

2x4 STUDS & PLATE

METAL LATH & PLASTER

JAMB 21

3 LOCKERS N.I.C.

CONCRETE BASE

3 1/2" x 3/4" HARDWOOD BASE

FINISHED FLOOR

BASE

SECTIONS AT LOCKER RECESS 20

SCALE 3"=1'-0"

TOP OF PLATE

BOTT. OF JOIST

RETURN AT END JAMB

5/8" PLYWOOD FACE OF PLASTER

HEAD 19

TRIM

ACOUS. TILE

8" PLYWOOD FACE BELOW

1/8 x 2" COVER PLATE

MULLION AT DOOR L-104 (ONLY) 1

TRANSOM 18

NOTE LATH TO FIL INTO ¾ & A MIN. OF ½" AT JAMBS

WOOD TRIM SIMILAR TO OR METAL TRIM SEE BUILDING ELEVATIONS

G.I. STRIP WHEN NOTED ON BLDG. ELEV.

HEAD JAMB 17

DASH LINE WHERE HIGH CONC. MULL. OCCURS SEE FLOOR PLAN

1 1/2" x 3/4" CHANNEL

FIN. FL.

8" x 1/2" I.B. BOLTS @ 8'-0" AND 6" CENTER

CHANNEL THRESHOLD 16

SCALE 3"=1'-0"

NOTE... JOINT SHALL MAINTAIN CONTINUOUS LINE ON ALL FASCIAS OF BLDG. MOVEMENT IN OVERHANGS & RAKE SHALL MATCH

CONT. WATERPROOF BLDG. PAPER

11'-0"

RAKE 15

2"x4" STRIPPING @ 16" O.C. FACE OF ACOUS. TILE ON 1"x3" FURRING

ACOUSTICAL TILE SEE SPECS.

1"x3" FURRING @ 16" O.C.

PLYWOOD BACK B.

SHIM AS REQ'D

IOOL D VIDER

NOTE AT SHEAR WALLS EXTEND PLYWOOD TO UNDERSIDE OF JOIST SEE STRUCT. DET.

TYPICAL WOOD TRIM 14

HEAD AT WALL TRIM

CAULKBOARD OR CALLEBOARD

LET INTO RAIL 2"x6" @ 24" O.C.

SLOT TO FIN. FLOOR

CALLEBOARD

TRIM

SPLICE

CHALK RAIL

CHALK RAIL END

CORKBOARD

¾" PLYWOOD

WOOD TRIM

SILL AT CORKBOARD (HEAD & JAMB SIMILAR)

CHALKBOARD & CORKBOARD DETAILS 13

SCALE 3" = 1'-0"

6" CONC. CURB

C.L. LINE

PLASTER SHALL EXTEND 12" BELOW FIN. GRADE

WALL CURB 12

MTL. CORNER BEAD

FLASHING AT JAMB

JAMB 9

MTL. TRIM

G.I. FLASHING AT SILL

PLASTER

SILL 8

WAINSCOT 7

TILE WAINSCOT

TILE FLOOR

CONC. CURB

WHERE WALK DOES NOT OCCUR

BASE

SECTION AT TOILET WALL 6

SCALE 3" = 1'-0"

WALL LINE

36"

1 MIL. OR 2-1/4" ø SCREWS EACH FLANGE.

NOTES: 1. Ø OF PIPE 5'6" ABOVE FIN. FLOOR. 2. PIPE 1¼" ø STD. PIPE. 3. ATTACH TO WALLS WITH STD. PIPE FLANGES. CONC. OR MASONRY WITH 1/4" ø ACCETEE & LEAD PLUGS. AT STUD WALLS PROVIDE SOLID BLOCKING AND PLASTER GROUND. 4. ONE MOP RACK REQ'D. FOR EACH CUSTODIAN RM. IN ALL BLDGS.

PLAN MOP RACK DETAIL 38

INSULATION

TOP OF PLATE

BOTT. OF JOIST

5/8" PLYWOOD

2"x8" STRIPPING @ 16" O.C.

CAULK

ACOUSTICAL TILE

1/8" TRIM

THIS TRIM BETWEEN WINDOW GRILLS & WHERE SIMILAR TRIM AT SILL SEE 23 Z1

FACE OF PLYWOOD AT JAMBS

HEAD 5

NOTE 1/8" x 1½" WOOD SCREWS @ 16" O.C. TYPICAL FOR ALL WINDOW SECTIONS

NOTE SILL LINE VARIES

FACE OF PLYWOOD BELOW SILL

COVER PLATE

TYPICAL WOOD TRIM 1 3/8" x ⅝"

MULLION 4

GENERAL NOTE: ALL TO VISUAL DARKENING GLAZING S. SEE SPECS. SEE ROOM FINISH SCHED. FOR LOCATIONS.

CAULK

G.I. FLA. MTL.

JAMB 3

EXTERIOR ELEVATION SILL AT JAMB B

G.I. FLASHING

DRIP

PLASTER

NOTE TAIL DIMENSION APPLIES TO WINDOW SILL AT THE NORTHWEST ELEVATION OF UNIT E ONLY

SILL 2

CONT. 3 1/2" x 3/4" HARDWOOD BASE

WHERE WALK DOES NOT OCCUR SEE DET. 12 Z1

FIN. FL. LINE

BASE

SECTION AT LOW SILL SIDE 1

SCALE 3"=1'-0"

STEEL PIVOT

MULLION STUD

C'SK. 3-#12 WOOD SCREWS

2"x6"x¼"x5" L

FULL LINE

TILE FLOOR

SECTION

MULLION ANCHOR D

CHECK PIN. SCRIBED TO WALL MAT'L.

CHECK STRUCT. PLATE FOR STUD SIZE

CHECK PIN. ATTACH TO WALL MATERIAL

1/16" FRAME

1/16"x1/2" STOP

INTERIOR DOOR HEAD JAMB SIMILAR A

INSUL. TILE

C'SK. FLAT SCHED. MTL. TRIM

1/16" FRAME

EXTERIOR DOOR B

HEAD JAMB SIMILAR 27

TILE FLOOR

MET. TRIM

TILE WAINSCOT

5 5/16"

2" MET. TR. (CAULKED) SECRETED FIXED AT ENDS & AT STL. WITH 1 5/8" x 1/4"-20 FLAT HEAD C'SK. MACH. SCREWS & LEAD EXPANSION ANCHORS

RD. SLAB

SILL 26

TILE FLOOR

TILE TRACK

MET. TRIM

CHECK STRUCT. FOR STUD SIZE

(HEAD SIMILAR) JAMB A

NOTE AIRCOR. DET. 4 Z1

WOOD TRIM TO FLOOR

MET. TR.

MULLION B

TILE W'SCOT

MTL. TRIM

CHECK STRUCT. FOR STUD SIZE

JAMB C

DOOR DETAILS 25

SCALE 3"=1'-0"

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

APPLICATION NO. 1253

APPROVED FEB 24 1955

PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON

2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT

JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

- TYPICAL DETAILS - DOOR, WINDOW & MISC. DETAILS

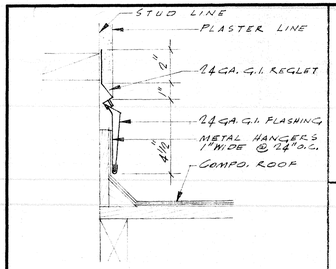
DATE PRINTED

JOB 547

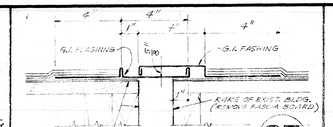
SHEET Z-1

AS BUILT

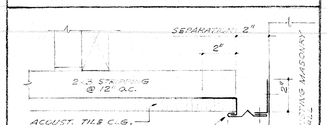
#0, 111



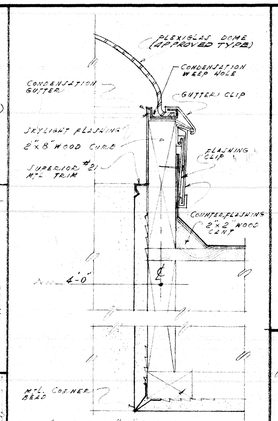
FLASHING
AT PLASTER WALL 32
SCALE 3"=1'-0"



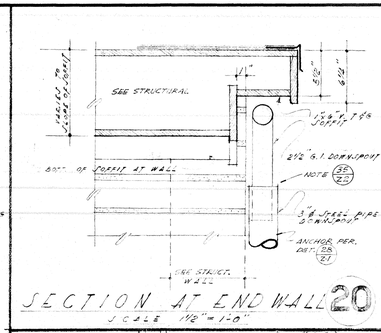
ROOF FLASHING
AT BUILDING SEPARATION JOINT 25



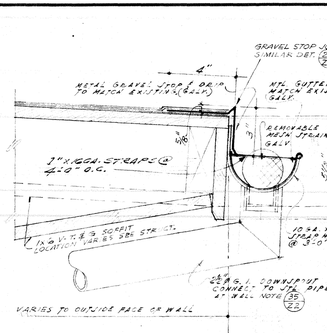
CEILING TRIM
AT BUILDING SEPARATION JOINT 26
SCALE 3"=1'-0"



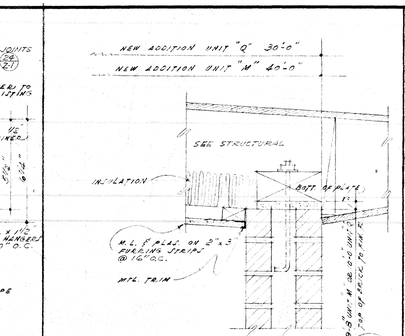
SECTION AT
ROOF SKYLIGHT 21
SCALE 3"=1'-0"



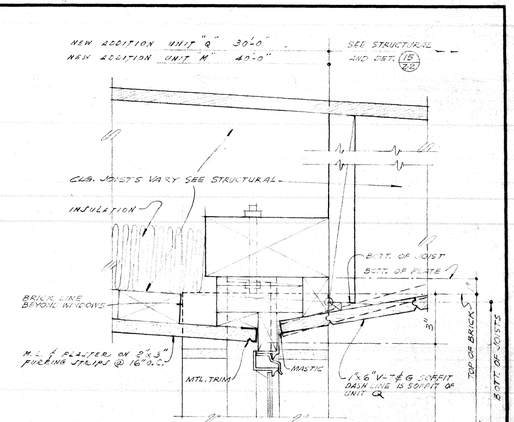
SECTION AT END WALL 20
SCALE 1½"=1'-0"



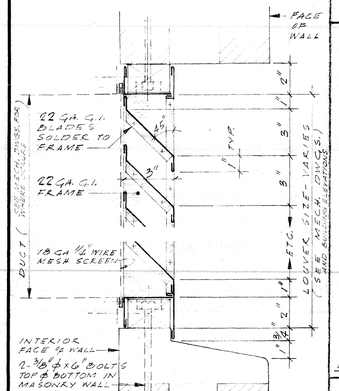
TYPICAL FASCIA
& DOWNSPOUT 15
SCALE 3"=1'-0"



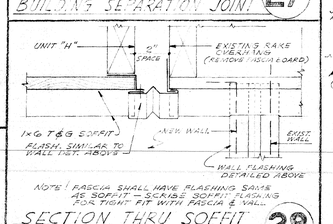
HEAD DETAIL
BEYOND WINDOWS 10
SCALE 1½"=1'-0"



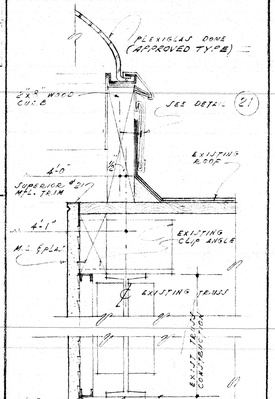
HEAD 5



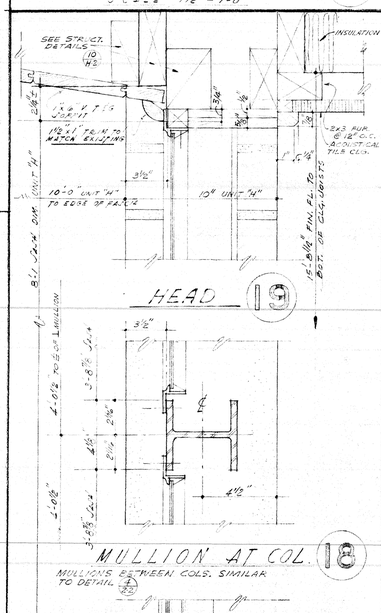
TYPICAL
LOUVERS 33
SCALE 3"=1'-0"



NOTE: NORTH WALL SHOWN
SOUTH WALL SIMILAR
PLAN AT WALL
BUILDING SEPARATION JOINT 27

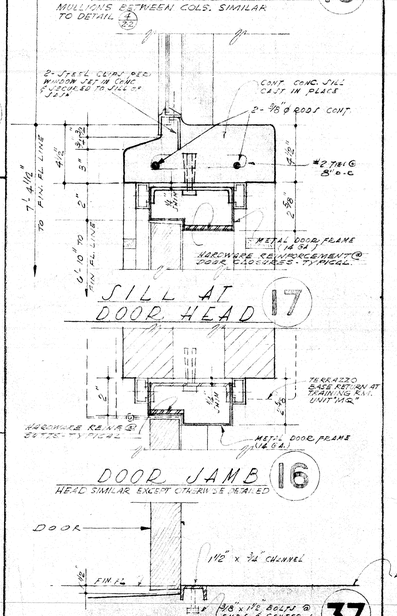


SKYLIGHT AT
EXIST. BLDG. 22
SCALE 3"=1'-0"

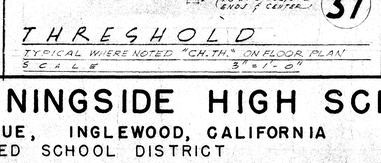


HEAD 19

MULLION AT COL. 18
MULLIONS BETWEEN COLS. SIMILAR
TO DETAIL 4 22

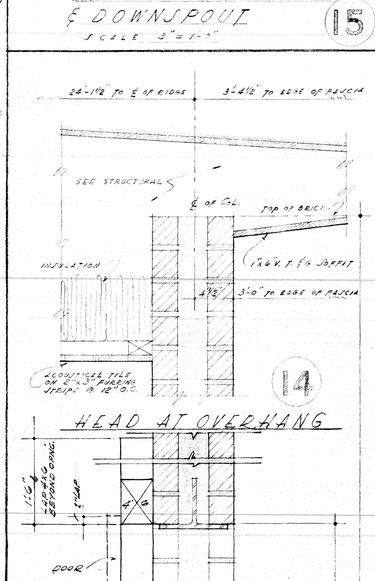


SILL AT
DOOR HEAD 17

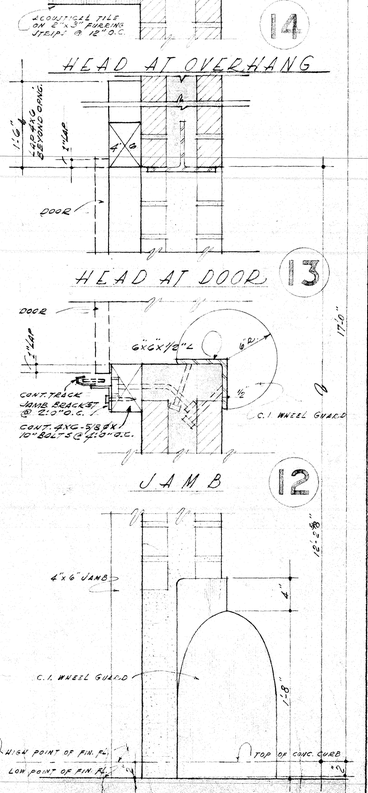


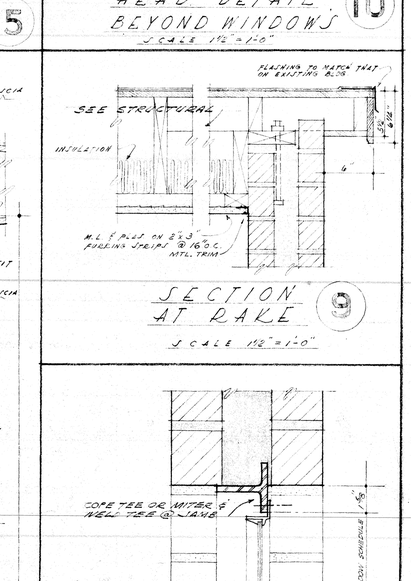
DOOR JAMB 16
HEAD SIMILAR EXCEPT OTHERWISE DETAILED

THRESHOLD 37
TYPICAL WHERE NOTED "CH. TH." ON FLOOR PLAN
SCALE 3"=1'-0"

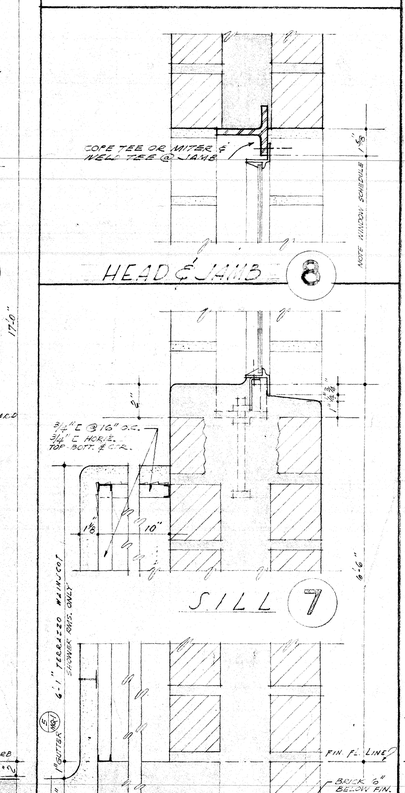


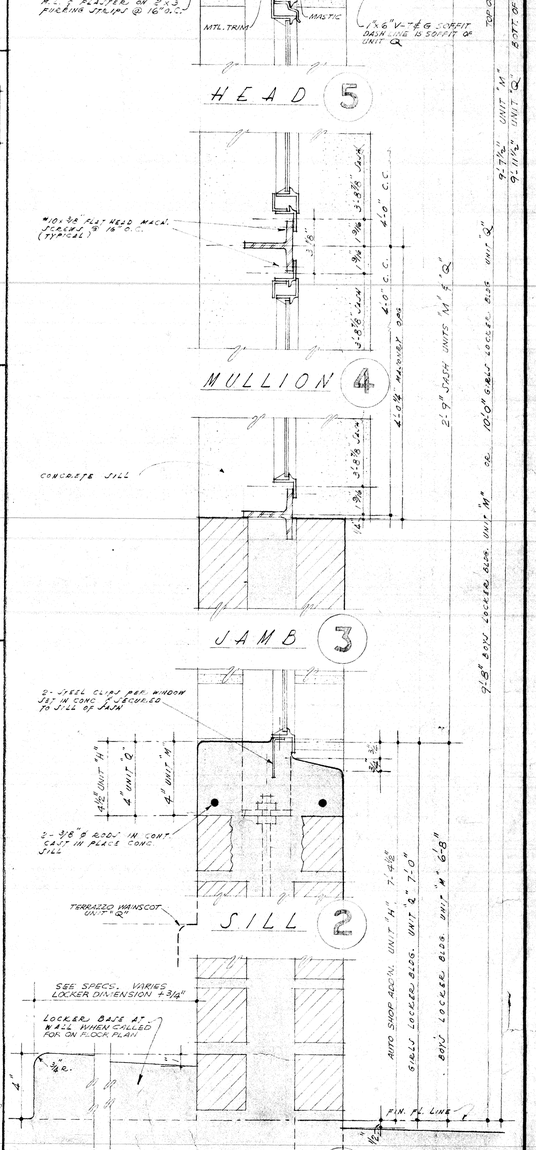
HEAD AT OVERHANG 14

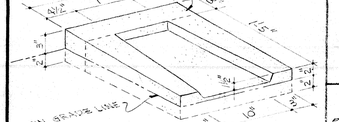




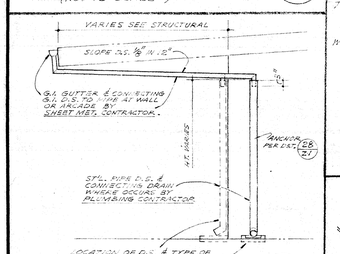
SECTION
AT RAKE 9
SCALE 1½"=1'-0"



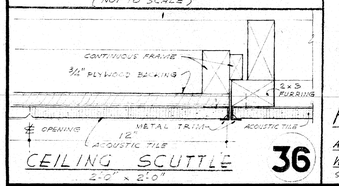




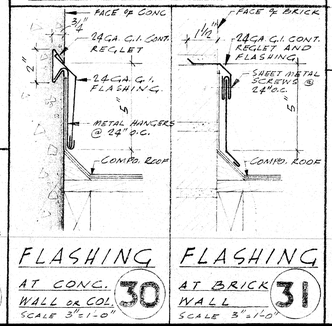
CONC. SPLASH BLOCK 34
(NOT TO SCALE)



DOWNSPOUT 35
(NOT TO SCALE)

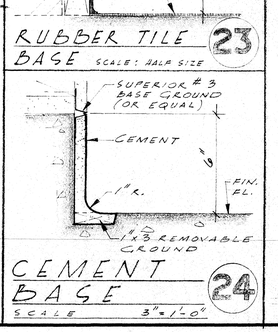


CEILING SCUTTLE 36
2'-0" x 2'-0"

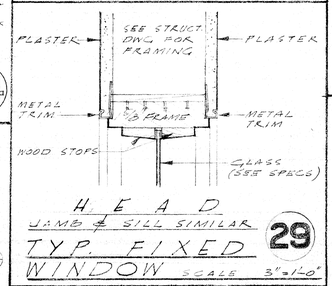


FLASHING
AT CONC. WALL OR COL. 30
SCALE 3"=1'-0"

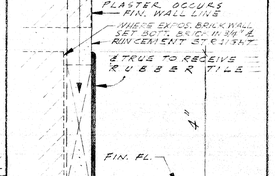
FLASHING
AT BRICK WALL 31
SCALE 3"=1'-0"



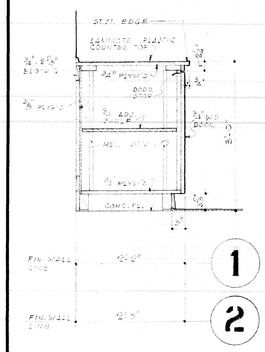
CEMENT
BASE 24
SCALE 3"=1'-0"



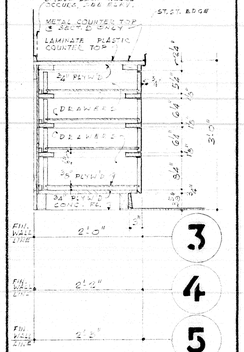
HEAD
JAMB & SILL SIMILAR
TYP. FIXED
WINDOW 29
SCALE 3"=1'-0"



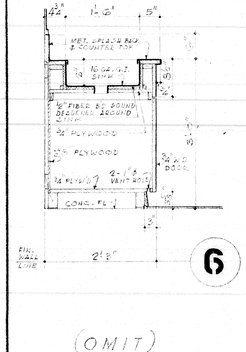
RUBBER TILE
BASE SCALE: HALF SIZE 23



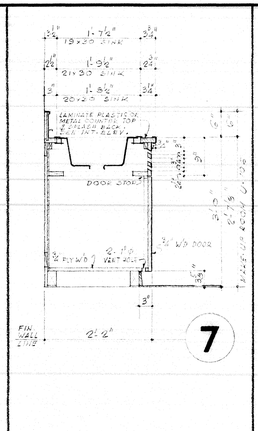
STORAGE CAB.



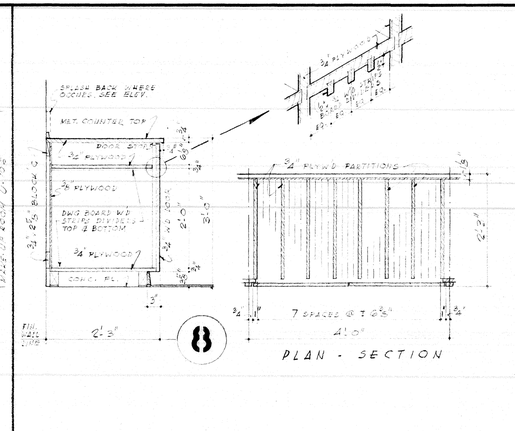
DRAWERS CAB.



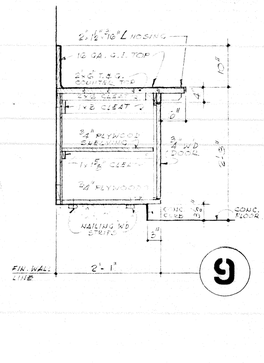
(OMIT)
GALV. IRON SINK
(15 x 24)



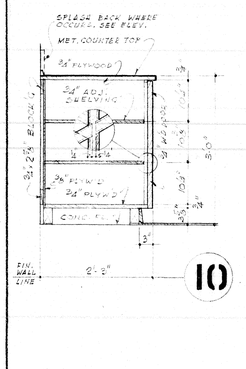
SINK CAB.



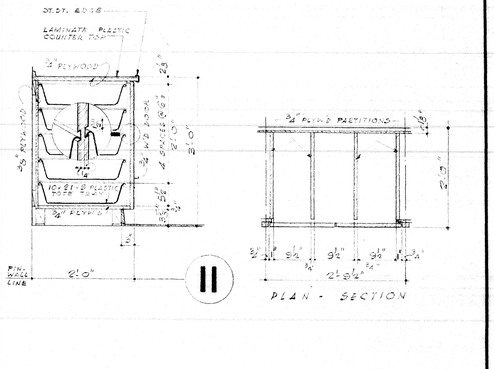
DRAWING BOARDS STORAGE CAB.



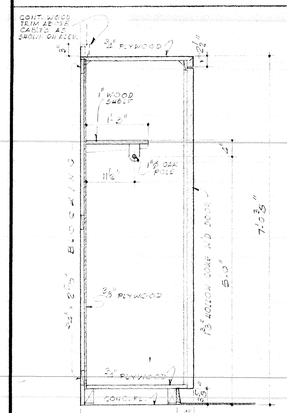
WORK BENCH

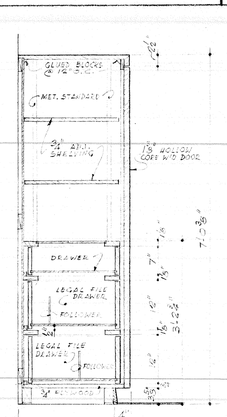


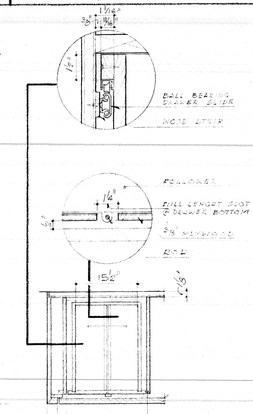
LOCKERS CAB.



TOTE TRAYS CABINET

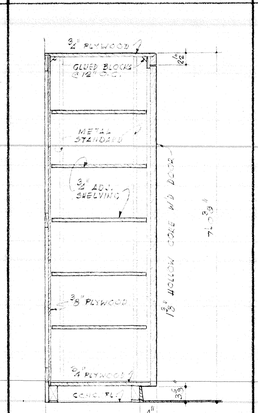




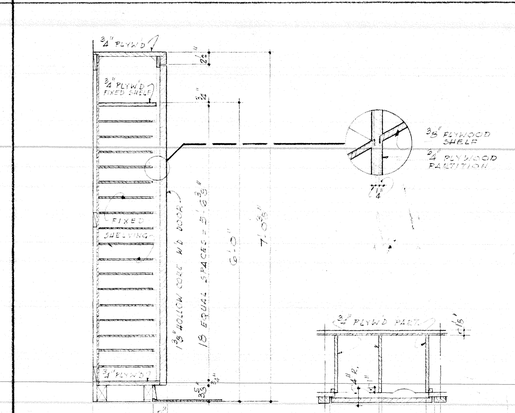


PLAN - SECTION @ LEGAL FILE DRAWER

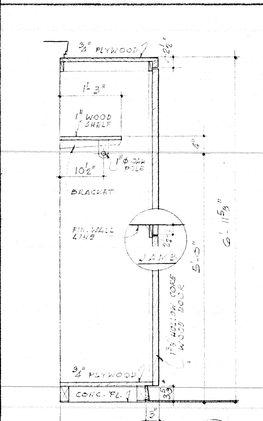
TEACHER'S CABINET



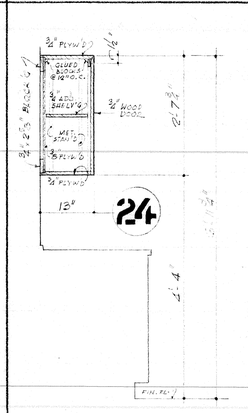
STORAGE CAB.



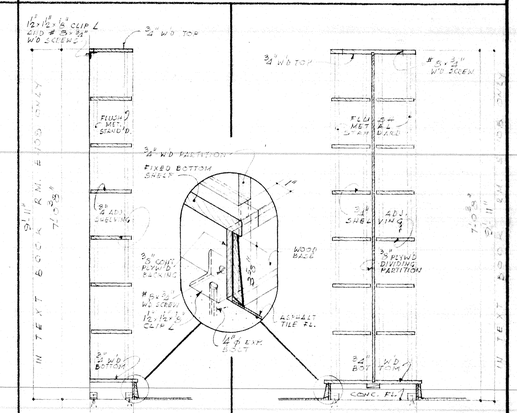
LEGAL & TYPING SHEETS STORAGE CAB.



WARDROBE

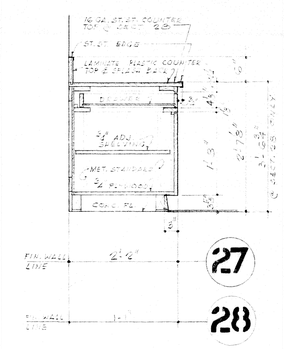


UPPER CAB.

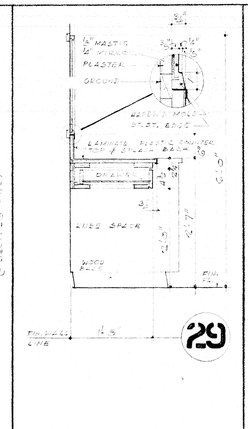


WALL STACK

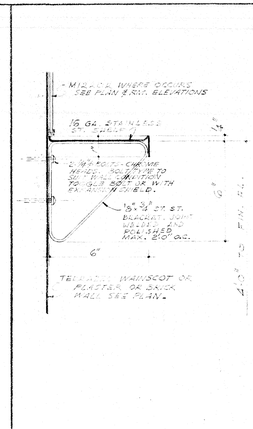
FREESTANDING STACK



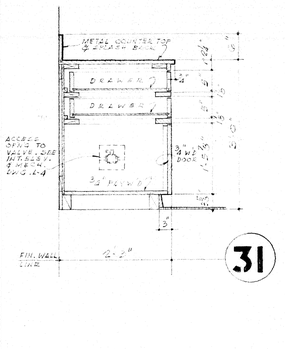
STORAGE CAB. WITH DRAWER



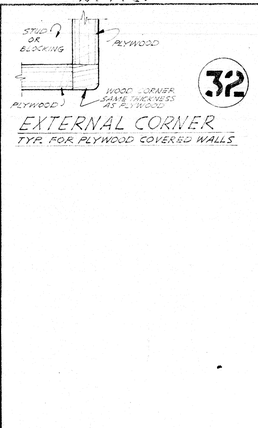
DRESSING TABLE



METAL SHELF 30



DRAWER CAB.



EXTERNAL CORNER
TYP. FOR PLYWOOD COVERED WALLS

NOTE:
1. PROVIDE 3/4" x 2 3/8" CONTINUOUS BLOCKING STRIPS BEHIND CASEWORK, NAILED SECURELY WITH 2.8d NAIL TO EACH FURRING STUD.
2. ANCHOR CABINETS TO BLOCKING STRIPS WITH No. 10 x 1" LG. FLAT HEAD W.D. SCREWS @ 16" O.C.
3. FREE-STANDING UNITS SHALL BE ANCHORED WITH 3 PIECE BLOCKING AND 3/8" x 4" LG. EXP. BOLTS @ 3'-0" O.C. MAX. INTO CONC. FLOOR SLAB.
4. ALL PLYWOOD SHELVING, WHERE EDGE IS EXPOSED, TO HAVE HARDWD EDGE BANDING.
5. CABINET DOORS OVER 31" BUT NOT OVER 84" HIGH SHALL BE 1" THICK. CABINET DOORS OVER 84" HIGH SHALL BE 1 3/8" THICK HOLLOW CORE W.D. DOOR (SEE SPEC'S).
6. SEE HARDWARE LIST FOR ALL MINERAL PULLS, LOCKS, DRAWER MET. SLIDES, ETC.
7. ALL DRAWERS TO HAVE HARDWOOD SIDES EXCEPT FOR LEGAL FILE DRAWERS.
8. FOR COUNTER MOLDING, SPLASH BACK, MET. TRIM EDGES (SEE SPEC'S).

SCHOOL DISTRICT APPROVAL	DATE
PRESIDENT	
MEMBER	
ARCHITECT	
ENGINEER	

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 4-2-33

APPROVED: E. Wm. [illegible] PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933

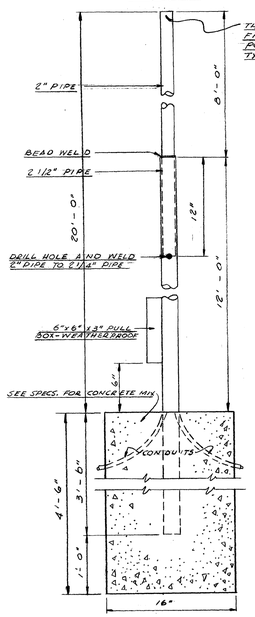
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

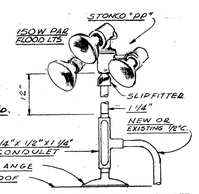
CASEWORK DETAILS

DATE PRINTED

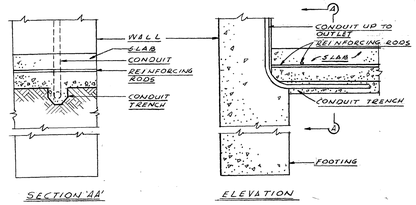
JOB 547
SHEET Z-3
BD. 113

TYPICAL ASSEMBLY FOR FLOODLIGHTING



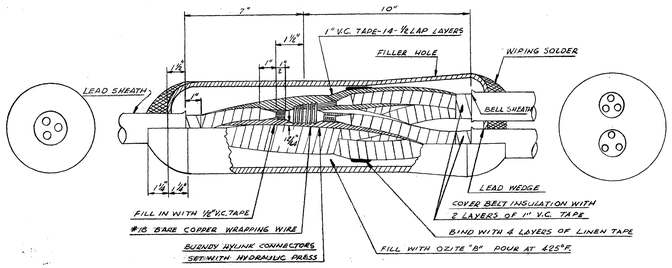


FLOOD LIGHT DETAIL

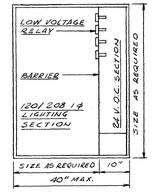


CONDUIT DETAIL

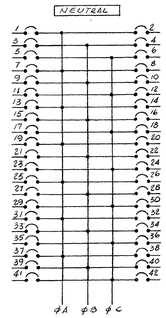
NOTE:
TYPICAL DETAIL FOR CONDUIT LAYOUT WHERE RADIANT HEATING PIPES ARE INVOLVED.



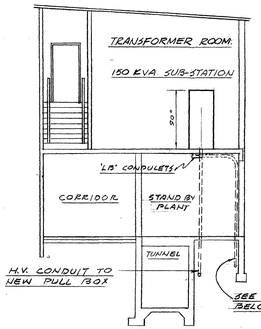
TYPICAL TAP SPLICE
5000 VOLT P.I.L.C. 3/4 CABLE



NOTE:
TYPICAL FOR ALL LIGHTING PANELS WITH LOW VOLTAGE CONTROL



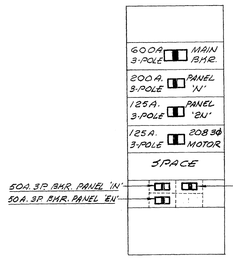
TYPICAL PANEL BUSSING



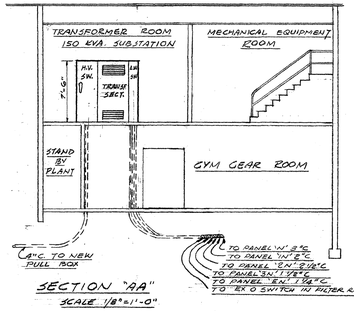
SECTION "BB"
SCALE 1/8"=1'-0"

FIXTURE SCHEDULE					
SYMBOL	MANUFACTURER	CATALOG NO.	DESCRIPTION	WATTS	LOCATION
A	SMOOT HOLMAN	RE-500S WH	PENDANT CONC. RING	500	CLASS RMS INSTRUCTION RM
B	SMOOT HOLMAN	RE-500C WH	CEIL. CONC. RING	500	CLASS RMS INSTRUCTION RM
C	LIGHTOLIER	4316	FLAT BOWL	100	TOILETS-UTILITY RMS
D	LIGHTOLIER	4317	FLAT BOWL	150	TOILETS-UTILITY RMS
E	LIGHTOLIER	4319	FLAT BOWL	200	TOILETS-UTILITY RMS.
F	MARCO	LH-J10-96	INCANDESCENT REC.	100	TOILET ENTRYS
G	MARCO	EZJ-3402	INCANDESCENT REC.	150	STUDENT LOUNGE
H	MARCO	J-5501	INCANDESCENT REC.	300	STUDENT DINING
I	MARCO	LN-J1-95	INCANDESCENT REC.	150	LOCKER RMS. VAPOR PRF.
J	MARCO	J-7741	INCANDESCENT REC.	300	AUD. CEIL. & LOBBY
K	MARCO	J-7481	INCANDESCENT REC.	150	AUD. RUNNING LTS.
L	ALABAX	3141	POR. SOCKET		UTILITY RMS.
M	SUNBEAM	P1273-96 SL	SLIMLINE	200	LIBRARY
N	SUNBEAM	L-331-72 SL	SLIMLINE	100	LIBRARY
O	RUBY	SL-6012-96CW	SLIMLINE	200	STUDENT OFFICE
P	MARCO	LH-J1-96	RECESSED	150	AUD. LOBBY
Q	MILLER	MO-1128-X18	PEND. OPAL ENCL.	500	KITCHEN & SERVING
R	MILLER	MO-1128-Y16	PEND. OPAL ENCL.	300	OUTDOOR SERVING
S	SMOOT-HOLMAN	1601	ENML REFLCTRS	300	AUTOSHOP APRON
T	SMOOT-HOLMAN	10818	IND. RLM DOME	500	OVERHEAD POOL LTS
U	CROUSE-HINDS	RAS 44133	UNID. WATER POOL	1000	POOL LIGHTING
V	CROUSE-HINDS	VWC 1759	RANGE HOOD LTS	100	RANGE HOOD
W	SMOOT-HOLMAN	0161 6WG	PEND. RLM DOME	1000	GYMNASIUM
X	ART METAL	3045 WG	EXIT LIGHTS	50	GYMNASIUM
Y	ART METAL	3405	EXIT LIGHTS	50	AUDITORIUM
Z	ART METAL	3407	EXIT LIGHTS	50	AUD. FOYER
AA	ART METAL	3408	EXIT BRACKET ARROW	50	NATATORIUM
BB	ART METAL	3405	EXIT FLUSH ARROW	50	NATATORIUM
CC	RAMBUSH	TF-360	WALL URN	150	AUD. LOBBY
DD	CURTIS STRIP & SOCKETS	WITH GUARD	MAKE UP LITES	150	MAKE UP ROOM
EE	WAGNER WOODRUFF	32375	DISPLAY CS. LTS.	100	FOYER
FF	CENTURY	1575	ANTI PROSC SPOTS	750	AUDITORIUM
GG	CENTURY	413-B1T	FRONT BORDERS	1200	PLATFORM
HH	CENTURY	413-16FT	REAR BORDERS	1200	PLATFORM
JJ	KLIEGEL	832	FOOT LIGHTS	1200	PLATFORM
KK	CENTURY	5000	TEASERS	150	PLATFORM
LL	CENTURY	55023	TORMENTORS	150	PLATFORM
MM	R & S	1370F	FLAT BOWLS	100	ARCADES
NN	SUNBEAM	L831-96SL	SLIMLINE	100	LIBRARY STACK RMS
OO	R & S	1470 F	1 FLAT BOWLS	100	COVERED WALKS
PP	STONCO	E1243-PAR38	YARD FLOODS	450	GEN. OUT DOOR
QQ	GOTHAM	E11	MIRROR LTS	100	SEWING RM UNIT-L
RR	STONCO	31554-PAR38	FLOOD LTS	450	PARKING LOT
SS	CROUSE-HINDS	43395	WALL LTS	100	TUNNEL
TT	SMOOT-HOLMAN	3814-V30	VAPOR PROOF	150	SHOWER RMS
UU	SHALDA	105 PAR 38	PLANTER SPOTS	150	AUD. EXTERIOR
VV	MARCO	V-320R-PAR38	SOFFIT DWN LTS	300	AUD. EXTERIOR
WW	SUNBEAM	401-36	DISPLAY CS LTS	40	UNIT L
XX	LT CONTROL CO.	#100 R9	COVERED WLK	100	UNIT H
YY	MARCO	CL-130	EYEBALLS	300	CAF. BANDSTAND
ZZ	SUNBEAM	301-36	DISPLAY CASE	40	UNIT R
II	SUNBEAM	401-24"	DISPLAY CASE	40	UNIT-"GU"
AAA	LITECRAFT	309 PAR	ORCHESTRA PIT	150	AUDITORIUM
BBB	CROUSE HINDS	YG 12009	BRACKETS	200	GYMNASIUM

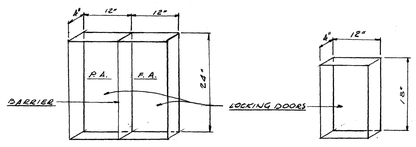
ALL PERPDANT FIXTURES SHALL BE MOUNTED 10'-0" FROM FIN. FLOOR TO BOTTOM OF FIXTURES EXCEPT IN UNITS N & O.



LOW VOLTAGE SECTION
END ELEVATION
SCALE 1/8"=1'-0"

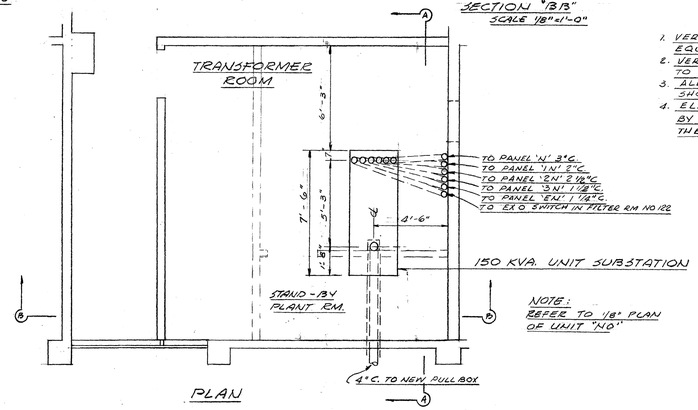


SECTION "AA"
SCALE 1/8"=1'-0"



NOTE:
PROVIDE AND INSTALL LOCKING HINGED DOORS.

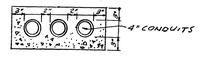
P.A. & F.A. CABINETS TELEPHONE CABINET



NOTE:
REFER TO 1/8" PLAN OF UNIT "NO."

PLAN

TRANSFORMER ROOM DETAILS
OF UNIT SUBSTATION NO 3
UNIT NO GYMNASIUM
SCALE 1/4" = 1'-0"



DUCT ENVELOPE

SYMBOLS

- CEILING LIGHT OUTLET
- BRACKET OR WALL OUTLET
- RECESSED LIGHT OUTLET
- FLOOD LIGHT CLUSTER
- FLOURESCENT OR SLIMLINE OUTLET
- AISLE LIGHTS BY OTHERS - OUTLET BOX RUSSELL & STOLL #2578 BY CONTRACTOR
- EXIT LIGHT OUTLET - TWO CIRCUIT EMERGENCY & GENERAL
- EMERGENCY LIGHT OUTLET
- FLY FAN
- DUPLEX RECEPTACLE 180 V.
- 208 V. RECEPTACLE
- SPECIAL OUTLET AS NOTED
- FLOOR OUTLET
- MICROPHONE OUTLET
- REMOTE VOLUME CONTROL
- PA SPEAKER ON WALL
- FLUSH CEILING SPEAKER
- INTER-COM. OUTLET
- PUBLIC TELEPHONE OUTLET
- PUSH BUTTON OUTLET
- MAGNETIC STARTER
- EX. O SWITCH
- JUNCTION BOX
- MOTOR
- LOW VOLTAGE TRANSFORMER
- THERMOSTAT
- FIRE ALARM BREAK GLASS STATION
- BELL OR GONG OUTLET
- F.A. & BELL GONG ABOVE
- CLOCK OUTLET-SECONDARY CLOCKS SHALL BE INSTALLED ON ALL CLOCK OUTLETS SHOWN
- LOW VOLTAGE SWITCH
- LOW VOLTAGE KEY SWITCH
- S FLUSH SINGLE POLE SWITCH
- Sp FLUSH SINGLE POLE SWITCH WITH PILOT LIGHT
- S3 FLUSH 3-WAY SWITCH
- SA AUXILIARY SWITCH
- SD DOOR SWITCH
- SK FLUSH KEY SWITCH
- S3Sp FLUSH 3-SPEED SWITCH
- SMR MASTER REMOTE CONTROL SWITCH
- SpK FLUSH KEY SWITCH WITH PILOT LIGHT
- SH FLUSH H.-O.-A. SWITCH
- INTER-COM TELEPHONE HAND SET
- SWITCH AS NOTED
- C.O. CONDUIT ONLY
- MIC MICROPHONE CABLE
- CONDUIT RISER
- EXISTING UNDERGROUND H.V. CONDUIT
- EXISTING TELEPHONE CONDUIT
- EXISTING F.A. & SIGNAL CONDUITS
- UNDERGROUND CONDUITS OR IN SLAB
- CONCEALED CONDUITS
- EXPOSED CONDUITS

CROSS MARKS ON CONDUIT INDICATE NO OR NO 12 WIRES OTHER THAN TWO

- E EMERGENCY CONDUITS
- SIG. SIGNAL CONDUITS
- PT PUBLIC TELEPHONE CONDUITS
- PA PUBLIC ADDRESS CONDUITS
- EXISTING TELEPHONE PANELS
- EXISTING F.A. & SIG. PANELS
- NEW SIGNAL & P.A. CABINETS
- NEW & EXISTING LIGHT & POWER PANELS
- STAGE POCKETS CENTURY #3083
- TIME SWITCHES SHALL BE SANGAMO OR EQUAL, 8 CIRCUIT, WITH ASTRONOMIC DIAL & OMITTING DEVICE.

ALL UNDERGROUND CONDUITS IN CONTACT WITH THE EARTH SHALL BE TARRED AND PABCO WRAPPED.

GENERAL ELECTRICAL NOTES

1. VERIFY EXACT LOCATION OF ALL ELECTRICAL OUTLETS, PANELS AND EQUIPMENT ON JOB SITE.
2. VERIFY EXACT LOCATION OF ALL HEATING AND VENTILATING EQUIPMENT TO BE CONNECTED ON JOB SITE BY THIS CONTRACTOR.
3. ALL BRANCH CIRCUITS TO BE SWITCHED AT PANEL UNLESS OTHERWISE SHOWN.
4. ELECTRICIAN SHALL MAKE LINE VOLTAGE CONNECTIONS AND BE GUIDED BY DIAGRAMS SHOWN ON MECHANICAL DRAWINGS OR SUPPLIED BY THE MECHANICAL CONTRACTOR.

AS BUILT

EDW. C. SYLVANUS
ELECTRICAL ENGINEER # 3944
1727 SILVERLAKE BOULEVARD
LOS ANGELES 26, CALIF.
NORmandy 1-4289
Edwin C. Sylvanus

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL
10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
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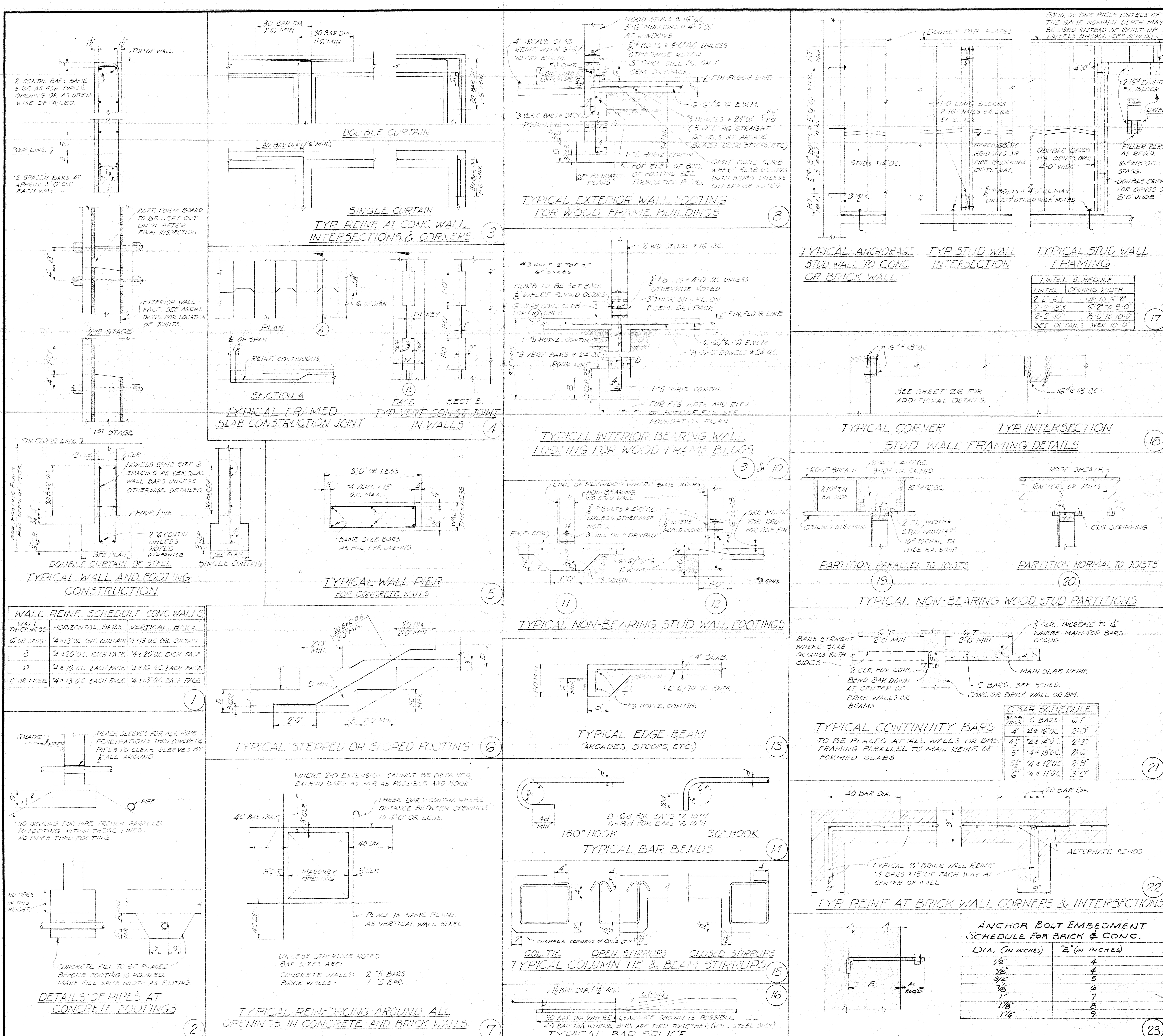
APPLICATION NO. 12538
APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH • BRYAN • PERKINS • HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

TYPICAL DETAILS SYMBOLS, FIXTURE SCHEDULE, GENERAL NOTES
DATE PRINTED

JOB 547
SHEET Z-4
B.O. 114



WALL REINF. SCHEDULE-CONC. WALLS

WALL THICKNESS	HORIZONTAL BARS	VERTICAL BARS
6" OR LESS	#4 @ 13" O.C. ONE CURTAIN	#4 @ 13" O.C. ONE CURTAIN
8"	#4 @ 20" O.C. EACH FACE	#4 @ 20" O.C. EACH FACE
10"	#4 @ 16" O.C. EACH FACE	#4 @ 16" O.C. EACH FACE
12" OR MORE	#4 @ 13" O.C. EACH FACE	#4 @ 13" O.C. EACH FACE

LINTEL SCHEDULE

LINTEL	OPENING WIDTH
2-2"·6's	UP TO 6'-2"
2-2"·8's	6'-2" TO 8'-0"
2-2"·10's	8'-0" TO 10'-0"
SEE DETAILS	OVER 10'-0"

C BAR SCHEDULE.

SLAB THICK	C BARS	6T
4"	#4 @ 16" O.C.	2'-0"
4 1/2"	#4 @ 14" O.C.	2'-3"
5"	#4 @ 13" O.C.	2'-6"
5 1/2"	#4 @ 12" O.C.	2'-9"
6"	#4 @ 11" O.C.	3'-0"

ANCHOR BOLT EMBEDMENT SCHEDULE FOR BRICK & CONC.

DIA. (IN INCHES)	"E" (IN INCHES)
1/2"	4
5/8"	4
3/4"	5
7/8"	6
1"	7
1 1/8"	8
1 1/4"	9

GENERAL NOTES

A. Typical details shall apply where no specific details or sections are given.

B. The Contractor shall verify all dimensions and conditions before starting work.

1. Soil Bearing Values: 4000 p.s.f. DL + LL @ 4'0" below natural grade. 2000 p.s.f. DL + LL @ 2'0" below natural grade. Nature of soil: Dense Clay. SOIL REPORT IS AVAILABLE.

2. All footings for Buildings B, C, D, E, L, to be a minimum of 1'6" below finish ~~or natural~~ grade, ~~whichever is lower~~; all footings for all other buildings to be a minimum of 2'0" below finish ~~or natural~~ grade. ~~whichever is lower~~. The depth below natural grade is indicated by elevations of bot. of footings shown on Foundation Plans.

3. Ultimate compressive strength of all poured in place concrete shall be 2000 p.s.i. in 28 days, except as noted below in Note 25 and as noted on drawings.

4. The bottom board on one side of the wall shall be temporarily omitted along the full length of the forms until after cleaning and inspection of the pour joint. Additional cleanouts shall be provided in the forms where necessary for proper cleaning and inspection.

5. Cement for concrete or masonry mortar shall be a standard brand meeting the requirements for Type I cement of ASTM Specifications C150-49 "Portland Cement."

6. Dry pack shall be 1:3 cement and sand mix.

7. All steel reinforcing shall be intermediate grade deformed bars and shall conform to ASTM A15-39. Deformations shall be as per ASTM A305-50.

8. The minimum concrete coverage of reinforcing steel is as follows:
   For footing concrete placed on ground, 3"
   Concrete cast in forms but exposed face in contact with earth, 2"
   All principal column reinforcement, 2"
   Walls: below grade, 2"; above grade, 1 1/2"
   Slabs: 1"; Formed Slabs, 3/4"
   Beams: 1 1/2"
   Above coverages apply unless otherwise specifically detailed.

9. All bars at splices shall lap at least 30 dia. unless otherwise noted and provide 1 1/2" clearance between bars. Splices in adjacent horizontal wall reinforcement shall be staggered. Bar splices in brick shall lap at least 40 dia.

10. All reinforcing steel, anchor bolts, dowels and other inserts shall be securely fastened in the forms before making the pour.

11. All structural steel shall comply with the "Standard Specifications for Structural Steel for Bridges and Buildings" ASTM A7-50. Shop drawings shall be submitted to the Structural Engineer for approval before fabrication. Steel Tubing is to meet strength requirements of 55000 p.s.i. ult. tensile stress.

12. All steel pipe columns shall conform to "Standard Specification for Welded and Seamless Steel Pipe" ASTM A53-52 Grade B.

13. All welding shall be shielded arc type and shall be placed by experienced operators. All shop welding shall be performed by a licensed fabricator. ~~Continuous inspection not required for field welding--half stresses used.~~ See also Note 27.

14. All structural lumber shall conform with W.C.L.A. Grading Rules #14:
   Sills - D.F. No. 1 Pressure Treated
   Rafters & Joists - 1450f or better, D.F.
   Studs, blocking, miscellaneous framing - No. 1 grade, 1450f or better D.F.
   Plywood - Douglas Fir Exterior Grade per U.S.C.S. 45-48, see specifications. For non-structural plywood see Specs.

15. All 1" x 6" Diagonal sheathing shall be #1 dimension D.F. in conformity with par. 187 W.C.L.A. Grading Rules #14. Provide 2 - 8d nails at intermediate bearings and 3 - 8d each end. For Units B, C, D, E, L, there shall be at least one board between splices on the same bearing. There shall be at least one bearing between splices in adjoining boards. For other units, there shall be at least two boards between splices on the same bearing and at least one bearing between splices in adjoining boards. For nailing of plywood roof sheathing, see Sheet No. GU17.

16. Provide 2" solid blocking between joists at all points of support. Provide 2" x 3" cross bridging between joists where the joist span exceeds 8'0". The distance between the lines of bridging or bridging and bearing shall not exceed 8'0". The above applies to Roof framing members only.

17. All stud walls shall be fire stopped with 2" thick material at the floor, ceiling and midheight. 8'0" maximum height between blocking.

18. All bolt holes in wood shall be nominal diameter of bolts. Washers shall be placed under all nuts and heads of all bolts and lag screws as per washer schedule. All screws shall be screwed and not driven into place. All holes for lag screws shall first be bored to the same depth and diameter as the shank. The remainder of the hole occupied by the threaded portion shall be bored with a bit not larger than the diameter at the root of the thread.

19. At least 1" of dry pack shall be rammed under all wood sills to assure a uniform bearing. Sills shall be bolted to the concrete work with 5/8" Ø x 1'0" bolts @ 4'0" o.c. maximum spacing with one bolt not more than 9" from ends of each piece.

20. Where wood is in contact with masonry or concrete, the wood shall be treated as required by the specifications.

21. See specifications for more specific descriptions of materials and methods of construction.

22. Minimum Nailing Schedule
   All nails to be common wire nails. Where driving of nails causes splitting, holes for the nails to be sub-drilled.

Joist or rafters to sides of studs:	Eight (8") inch joist or less	3 - 16d nails
	For each additional 4" in depth of joist	1 - 16d
Joist and rafters at all bearings:	Toe nail, each side	2 - 10d
Studs to bearings, toe nail each side		2 - 10d
Blocking between joists and rafters:	To joists or rafters, toe nail each side, each end	2 - 10d
	To joists or rafter bearing, toe nail each side	2 - 10d
Sheathing		See Note No. 15
Crossbridging between joist or rafters:	Toe nail each end	2 - 8d
Herringbone blocking		2 - 10d
Ribbon to Studs:	One (1") inch ribbons	2 - 8d
	Two (2") inch ribbons	2 - 16d
Double Top Plates: (Lap 4'0" min.)	Lower Plate to top of studs	2 - 20d
	Upper Plate to Lower Plate	16d @ 18" o.c.
Multiple studs, stagger for widths of more than 4"		16d @ 12" o.c.

23. Washer Schedule (Unless otherwise shown or noted):

Bolt Ø	M. I. Washer	Plate Washer
1/2"	2 1/2" Ø x 1/4"	2 1/2" x 1/4" x 2 1/2"
5/8"	2-3/4" Ø x 5/16"	2 1/2" x 1/4" x 2 1/2"
3/4"	3" Ø x 7/16"	2-3/4" x 5/16" x 2-3/4"
7/8"	3 1/2" Ø x 7/16"	3 1/4" x 5/16" x 3-3/4"

24. Shop coat all structural steel as per specifications.

25. Ultimate compressive strength of all concrete for precast walls and transitional pours between panels, for all concrete columns, beams, and formed slabs, shall be 3000 p.s.i. in 28 days.

26. An approved bond preventive shall be used for all precast concrete wall panels before concrete is poured. Panels are not to be raised until after 7 days and/or when concrete has attained a strength of 2000 p.s.i. Forms shall be securely held down.

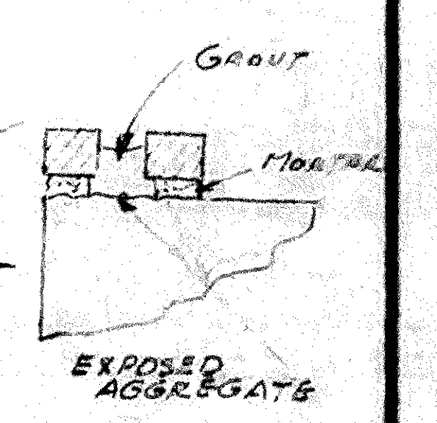
All miscellaneous iron appurtenances, anchor bolts, inserts, etc. shall be securely wired in place prior to pouring.

Erection sequence:
1. Panels to be cast on smooth level concrete surface which shall be coated with approved anti-bonding solution.
2. All lifts shall be made as vertical as possible.
3. When using 4 point pick-up, angle between sling and panel surface shall not be less than 60° when panel is in horizontal position.
4. When plumbing panels while using crane, care shall be taken to maintain tension on cables to avoid whipping of cables.
5. Panels shall be securely shored until 7 days minimum after connecting elements are cast, and until roof steel framing has been installed.

27. All welding of reinforcing bars shall be done with low hydrogen type electrodes (A.W.S. E6015-16).

28. Brick shall be MW Grade, 2500 p.s.i. units.

FIRST COURSE OF BRICK DETAIL



29. Mortar shall be 1:3 cement and sand mix. Maximum of 1/2 part hydrated lime or lime putty may be added.

30. Grout shall be 1:3 cement and sand mix. Approved admixtures may be added to grout.

31. For isolated bolts the brick joint shall be opened horizontally and vertically to a minimum of 4", the bolt centered therein and the space grouted. Wood members & steel shelf Ls supporting vert. loads shall be backed up with concrete or grout the full length of the member.

32. For clusters of bolts resisting loads the entire cluster shall be grouted as a unit with a minimum of 1 1/2" of grout on all sides of any bolt. The minimum spacing of bolts shall be 4 diameter.

PRECAST PANELS

33. Unless otherwise detailed, all edges to have 3/4" chamfer.

34. Contractor to verify openings for utilities passing through panels. & verify all pertinent dimensions.

35. The connecting of precast walls shall be delayed as long as possible in order for shrinkage of the panel to take place.

36. All precast units shall be clearly marked so as to identify the date of pouring.

37. Rake out 1/2" joints and fill with Drypack, strike smooth with an approved type jointing tool.

38. All rough edges and chamfers shall be ground smooth.

39. Erection Stresses in precast panels are not to exceed 200 p.s.i. in concrete tension or 25000 in steel reinf. Shop drawing & calculations for erection stresses are to be submitted to the Structural Engineer for approval prior to casting panels.

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NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL | DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. | APPROVED FEB 24 1955 | PRINCIPAL STRUCTURAL ENGINEER

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TYPICAL DETAILS & GENERAL NOTES

JOB 547
SHEET Z-5
DATE PRINTED
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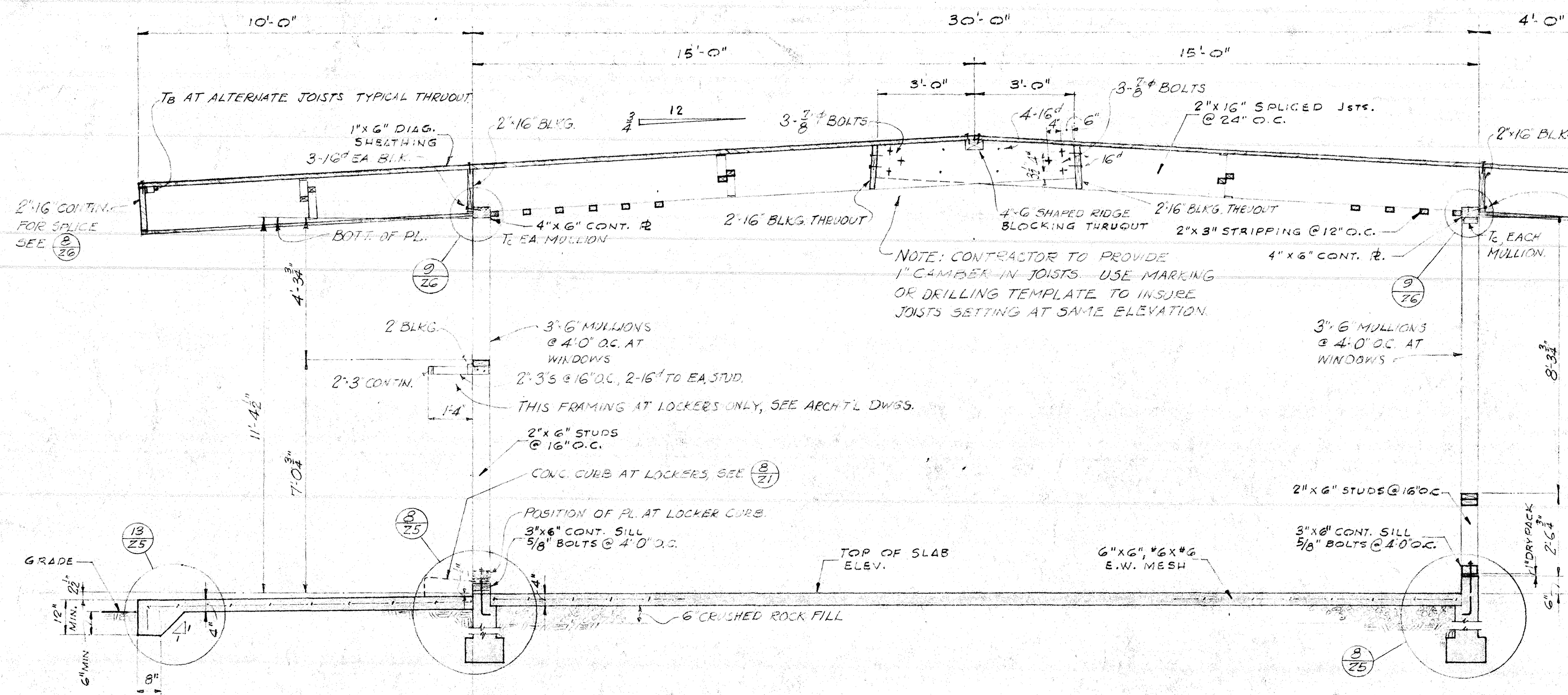
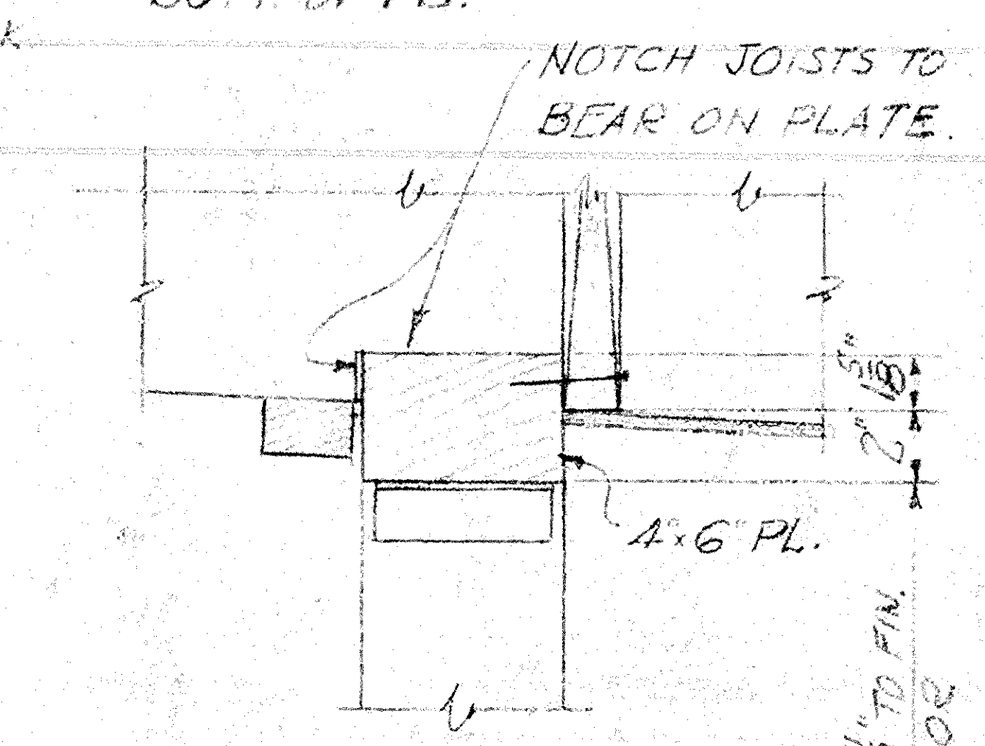
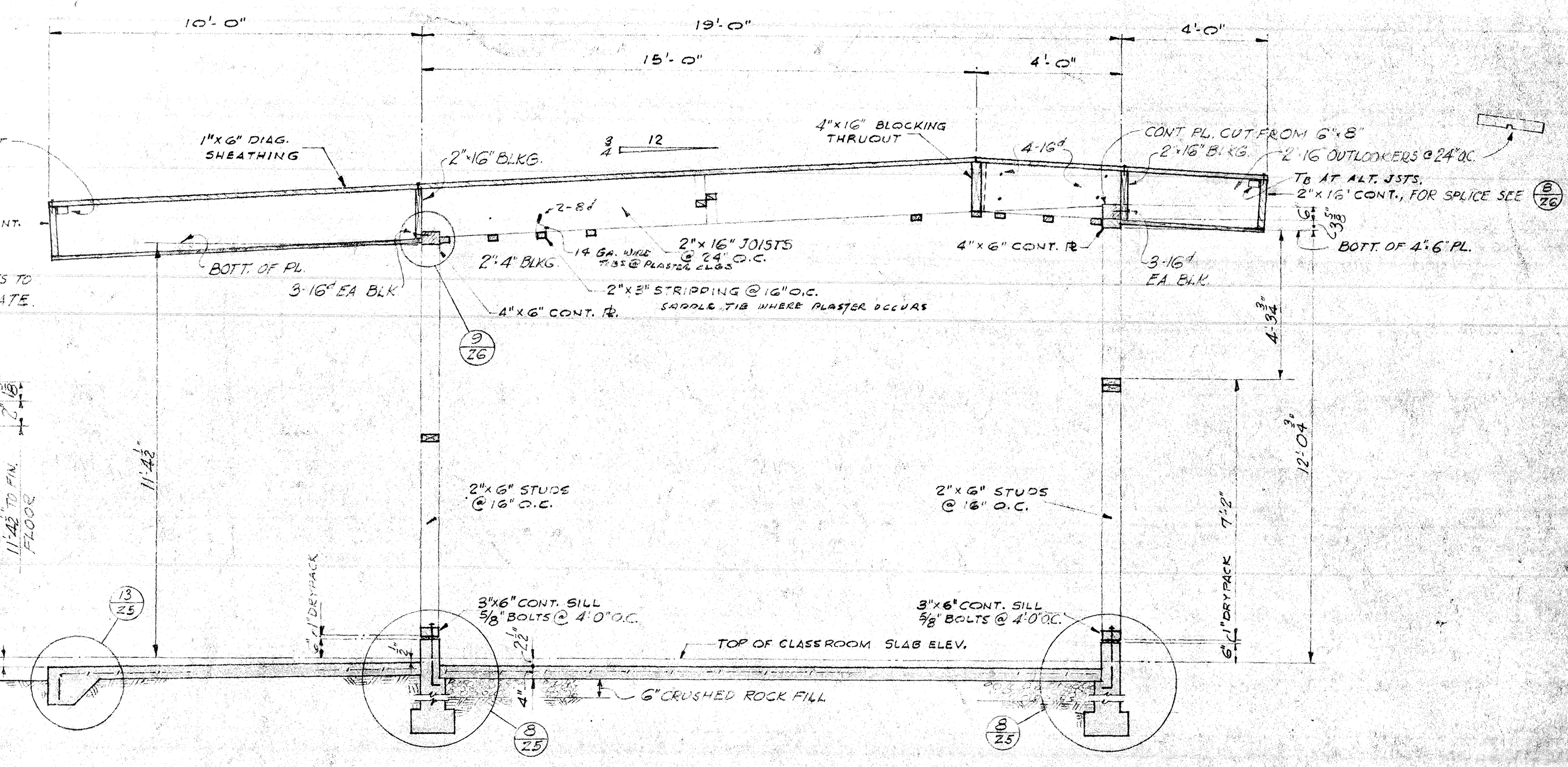


SECTION (1/Z6)

SCALE 3/8"=1'-0"

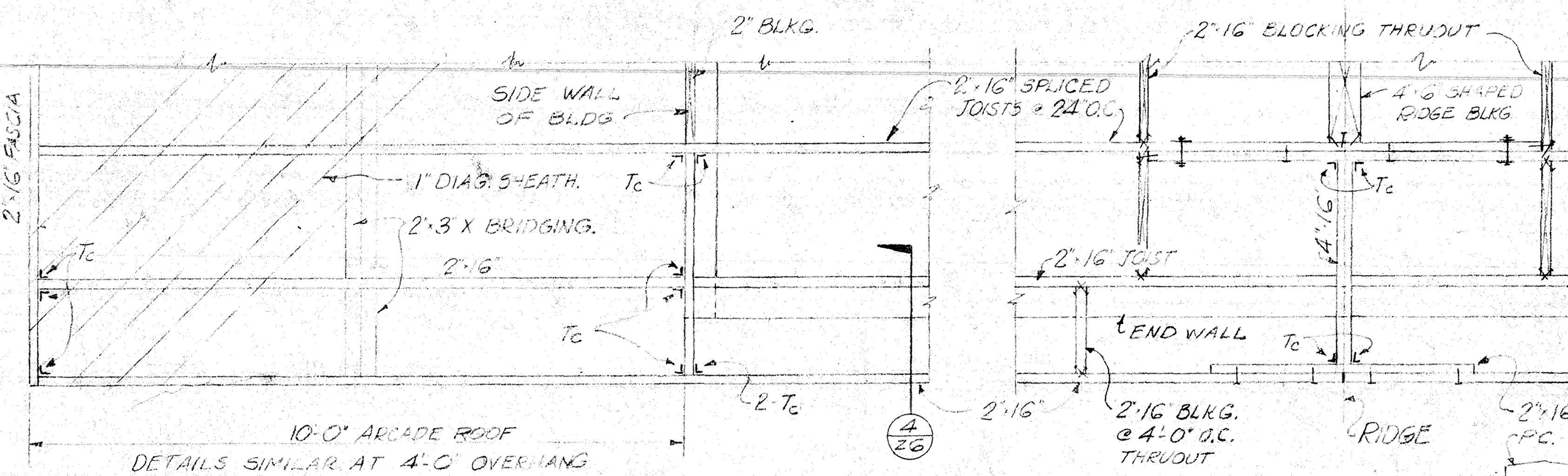


DETAIL (9/Z6)



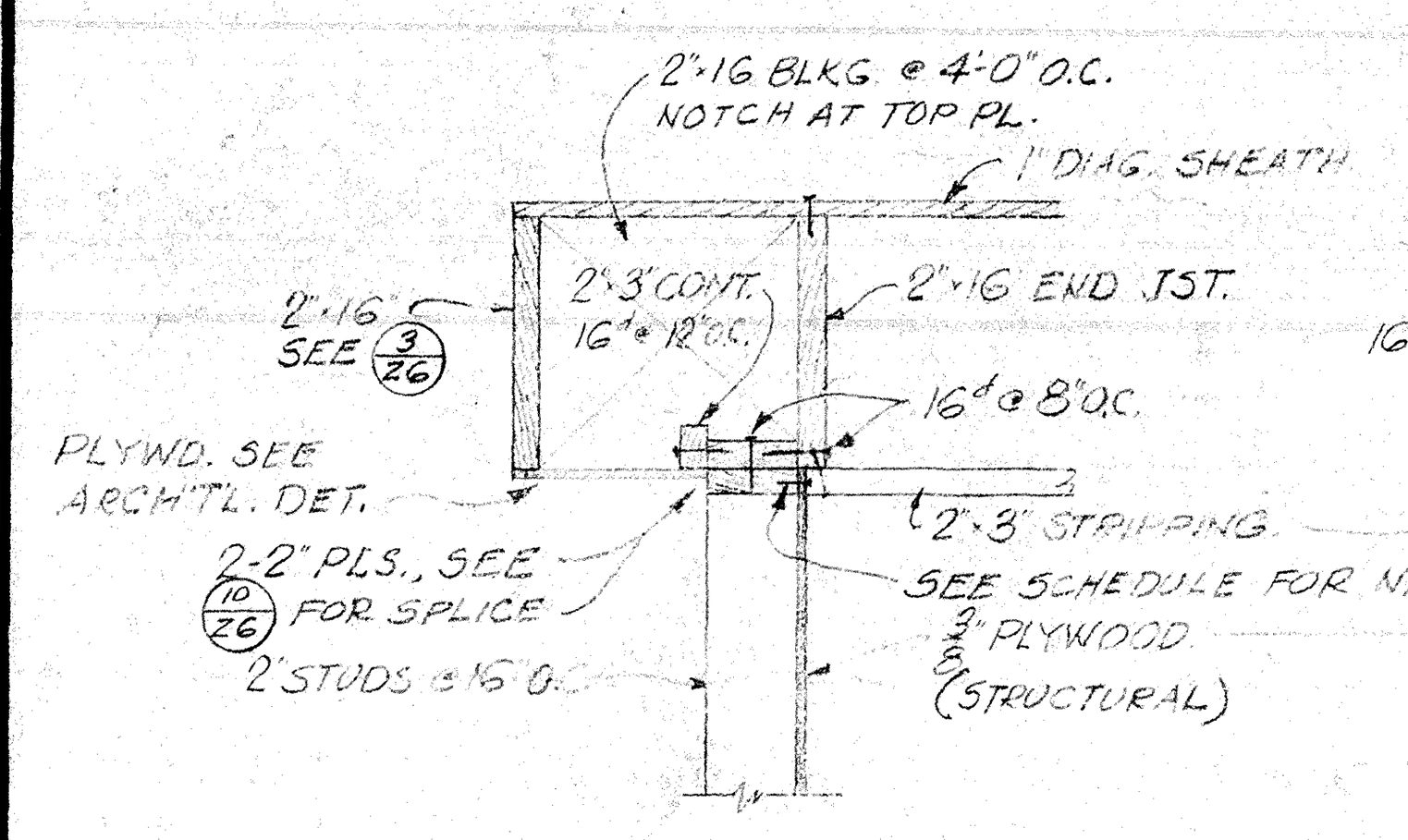
SECTION (2/Z6)

SCALE 3/8"=1'-0"



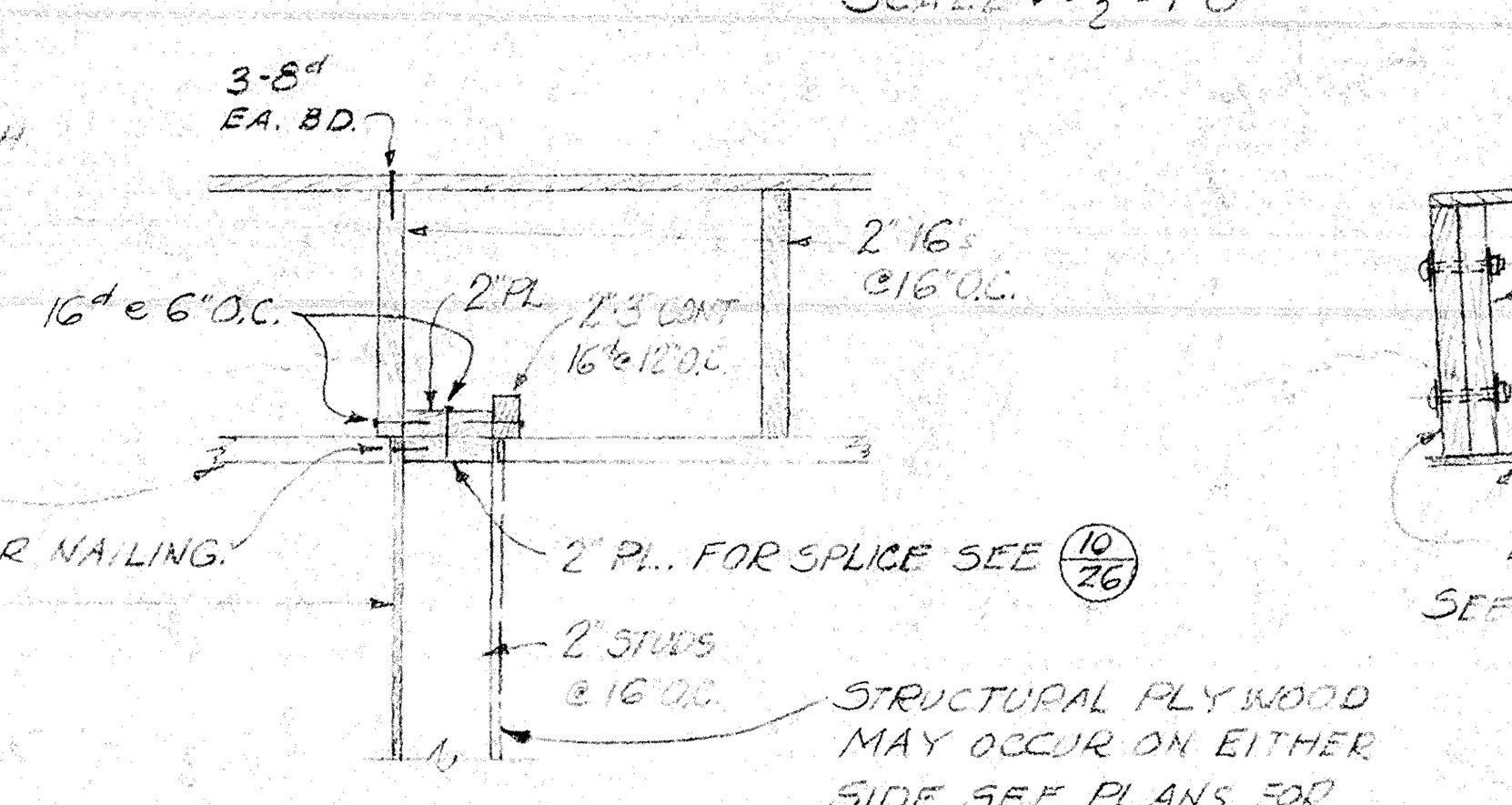
PLAN OF TYP. ROOF FRAMING AT END WALL (3/Z6)

SCALE ~ 1/2"=1'-0"



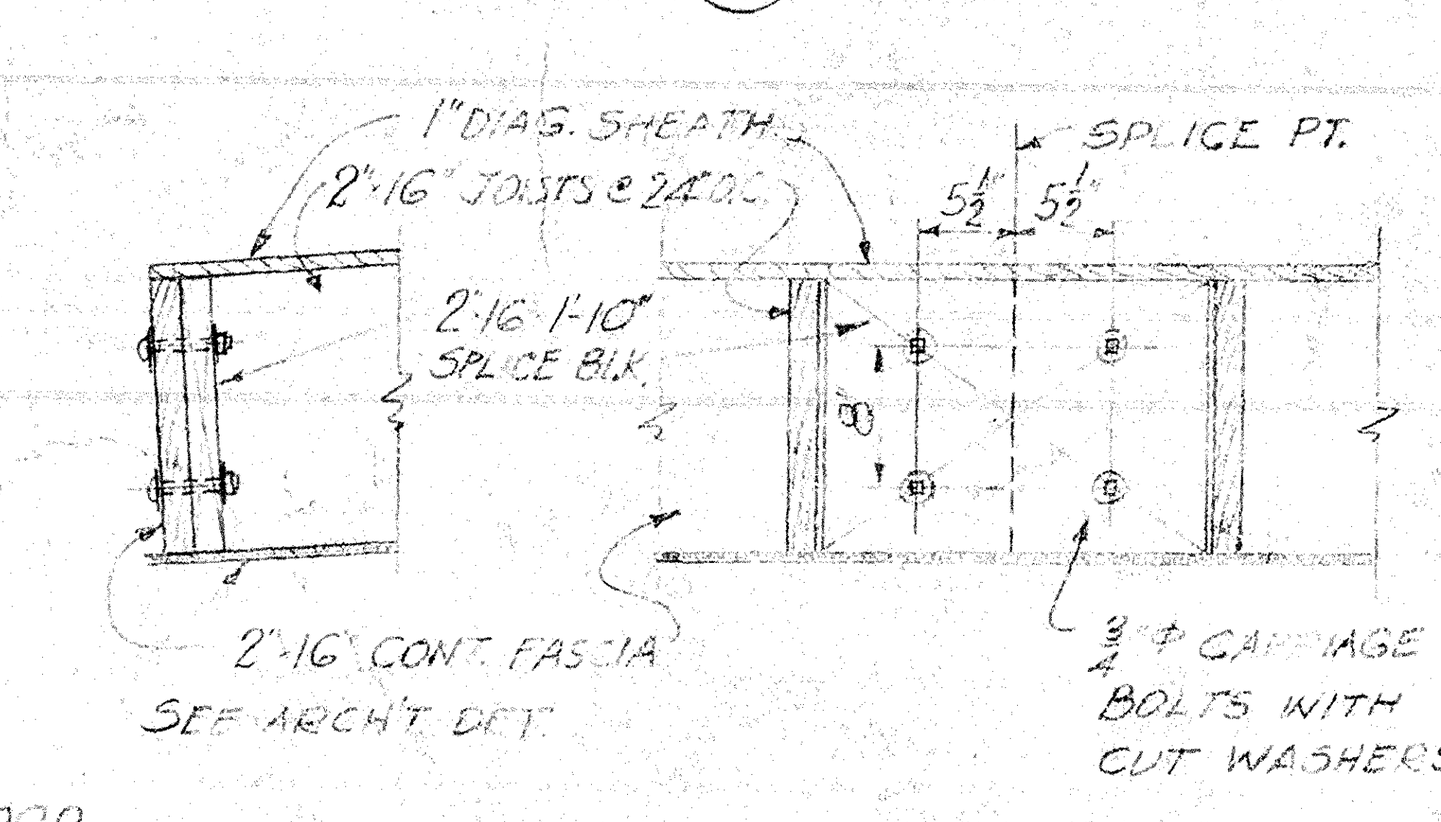
SECTION (4/Z6)

SCALE ~ 3/4"=1'-0"



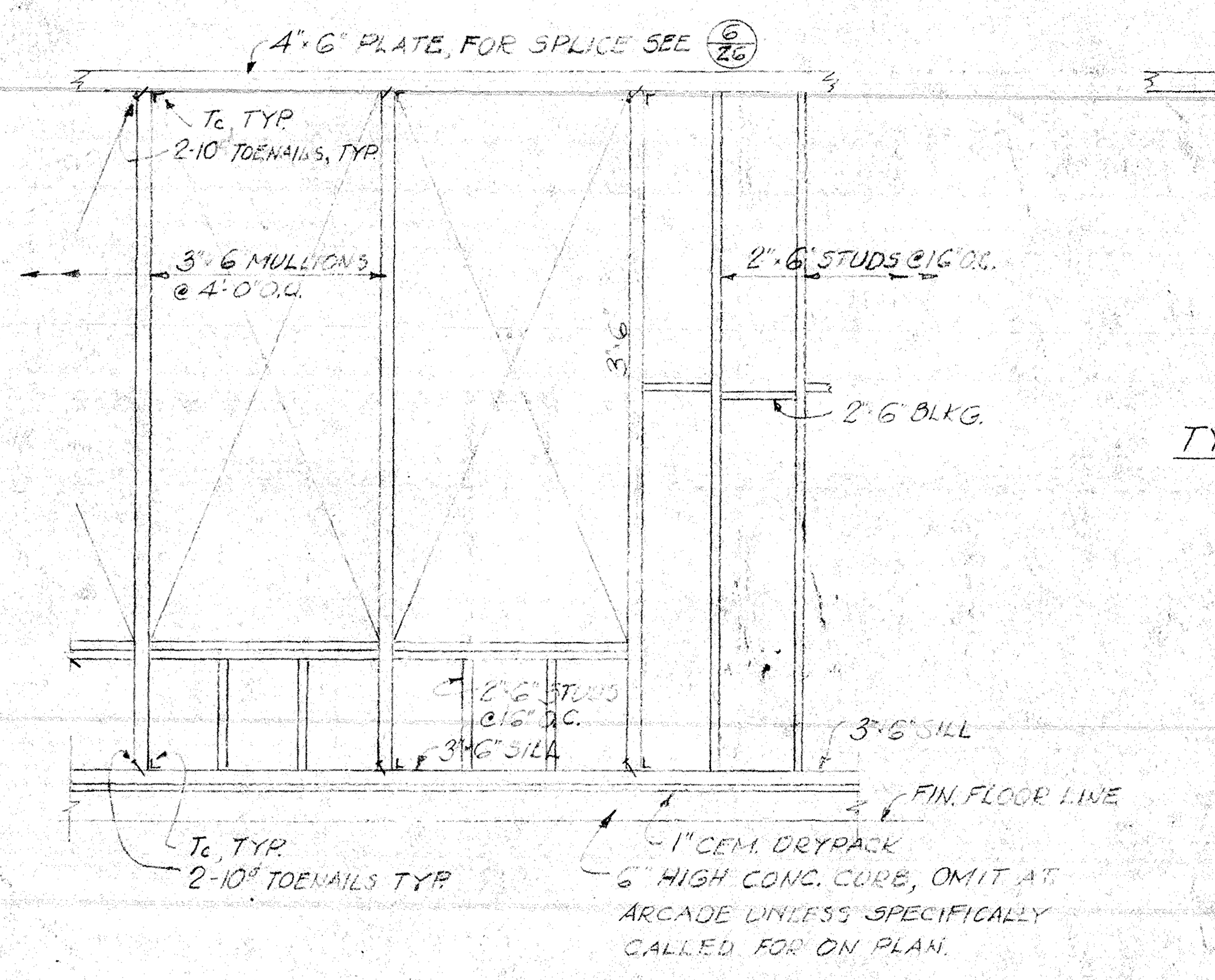
SECTION (7/Z6)

SCALE ~ 3/4"=1'-0"



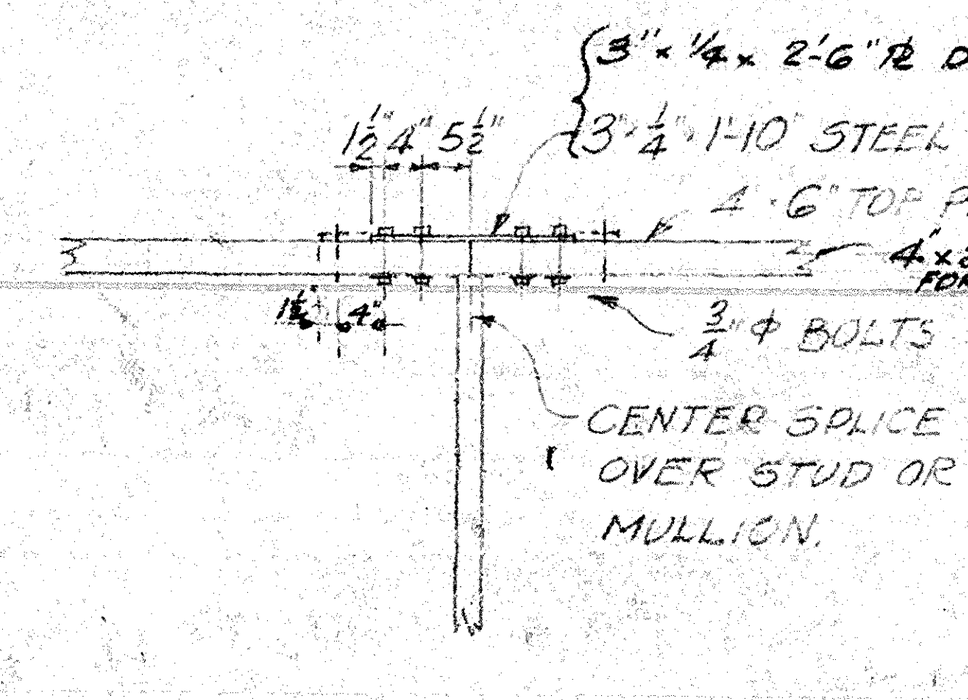
DETAIL (8/Z6)

TYPICAL FASCIA SPLICE



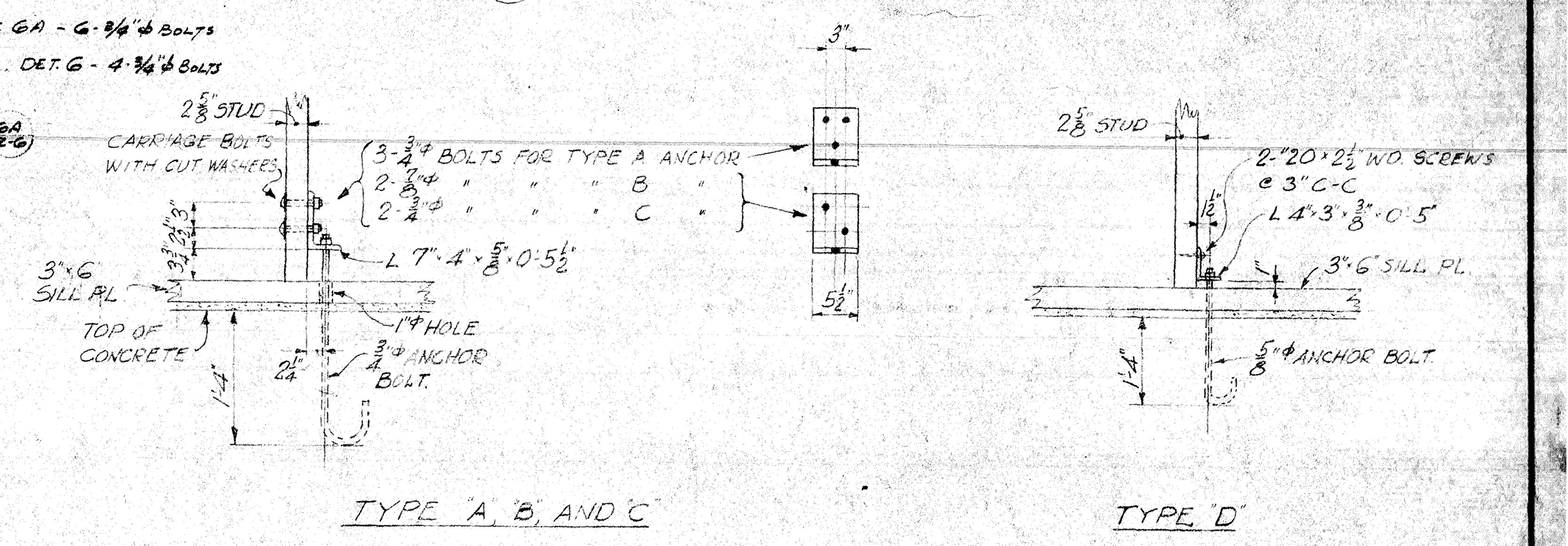
PARTIAL TYP. SIDE WALL FRAMING ELEVATION (5/Z6)

SCALE ~ 3/8"=1'-0"



DETAIL (6/Z6) & (6A/Z-6)

TYP. TOP PLATE SPLICE

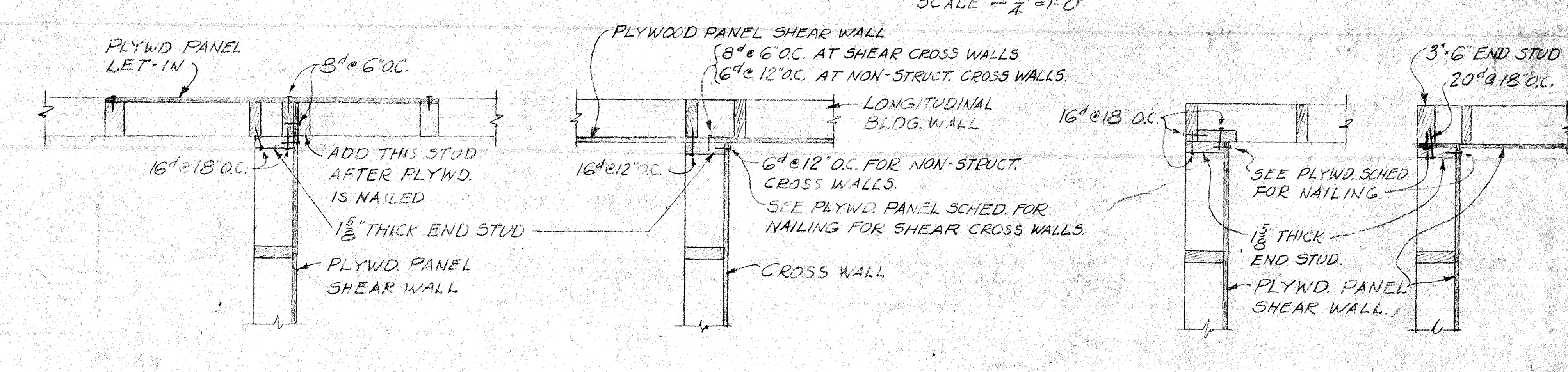


TYPE "A", "B", AND "C"

TYPE "D"

PLYWOOD PANEL END ANCHORAGE DETAILS (SHEAR WALLS)

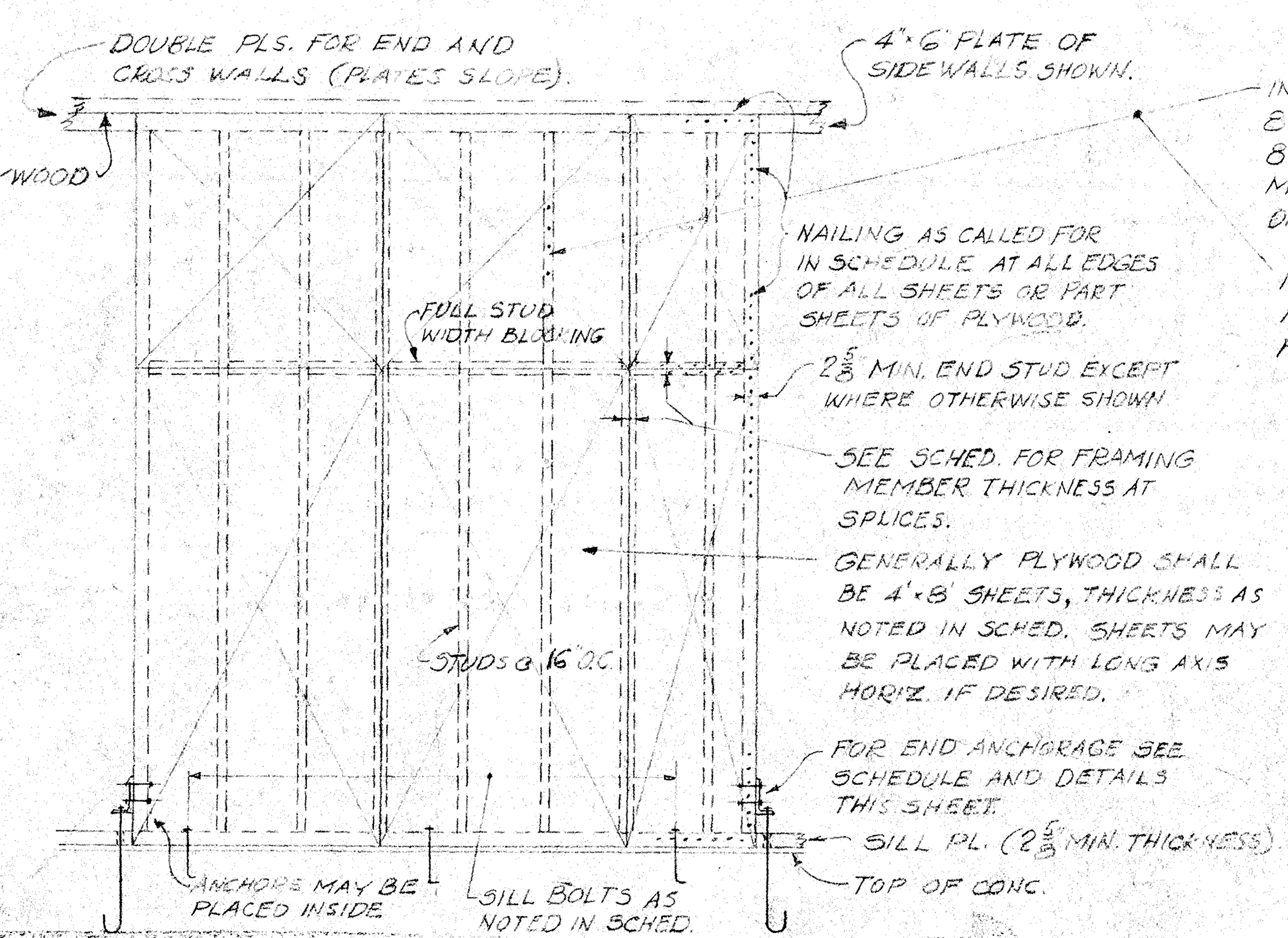
SCALE ~ 3/4"=1'-0"



TYPICAL INTERSECTION AND CORNER FRAMING DETAILS AT PLYWOOD (11/Z6)

SCALE ~ 3/4"=1'-0"

PLYWOOD PANEL SCHEDULE (SHEAR WALLS)							
PANEL NO.	THICKNESS	PLACEMENT	MIN. MEMBER THICK. AT SPLICES	NAILING	END ANCHORAGE	SILL BOLTS	REMARKS
BP1	3/8"	FACED ON STUDS	1 5/8"	6d @ 6" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
BP2	3/8"	FACED ON STUDS	1 5/8"	8d @ 5" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
BP3	1/2"	LET-IN, O.S.F.	2 5/8"	10d @ 3" O.C.	TYPE A	3-5/8"φ	
BP4	3/8"	FACED ON STUDS	2 5/8"	8d @ 3" O.C.	TYPE B	2-5/8"φ	
BP5	3/8"	FACED ON STUDS	2 5/8"	8d @ 3" O.C.	TYPE C	5/8"φ @ 2'-0" O.C.	
CP1	3/8"	FACED ON STUDS	1 5/8"	8d @ 6" O.C.	TYPE D	5/8"φ @ 4'-0" O.C.	
CP2	3/8"	" " "	1 5/8"	8d @ 6" O.C.	TYPE D ONE END	5/8"φ @ 4'-0" O.C.	SEE FOUNDATION PLAN SHT. C2 FOR LOCATION OF ANCHOR D.
CP3	3/8"	" " "	1 5/8"	8d @ 4" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
CP4	3/8"	" " "	1 5/8"	8d @ 6" O.C.	TYPE D	5/8"φ @ 4'-0" O.C.	
CP5	3/8"	" " "	1 5/8"	8d @ 3" O.C.	TYPE B	2-5/8"φ	
CP6	3/8"	" " "	2 5/8"	8d @ 3" O.C.	TYPE B	2-5/8"φ	
CP7	3/8"	" " "	2 5/8"	8d @ 3" O.C.	TYPE B	2-5/8"φ	
CP8	3/8"	" " "	2 5/8"	8d @ 4" O.C.	TYPE A	3-5/8"φ	
CP9	3/8"	" " "	1 5/8"	8d @ 6" O.C.	TYPE C ONE END	5/8"φ @ 4'-0" O.C.	SEE FOUNDATION PLAN SHT. C2 FOR LOCATION OF ANCHOR C.
DP1	3/8"	" " "	1 5/8"	8d @ 6" O.C.	TYPE D	5/8"φ @ 4'-0" O.C.	
DP2	3/8"	" " "	1 5/8"	8d @ 4" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
DP3	3/8"	" " "	1 5/8"	8d @ 4" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
DP4	3/8"	" " "	2 5/8"	8d @ 3" O.C.	TYPE A	2-5/8"φ & 4-5/8"φ SEE (4/DE4)	
DP5	3/8"	" " "	2 5/8"	8d @ 3" O.C.	TYPE B	3-5/8"φ	
DP6	3/8"	" " "	2 5/8"	8d @ 3" O.C.	TYPE B	2-5/8"φ	
DP7	3/8"	" " "	2 5/8"	8d @ 5" O.C.	TYPE C	2-5/8"φ	
DP8	3/8"	" " "	2 5/8"	8d @ 5" O.C.	TYPE C	2-5/8"φ	



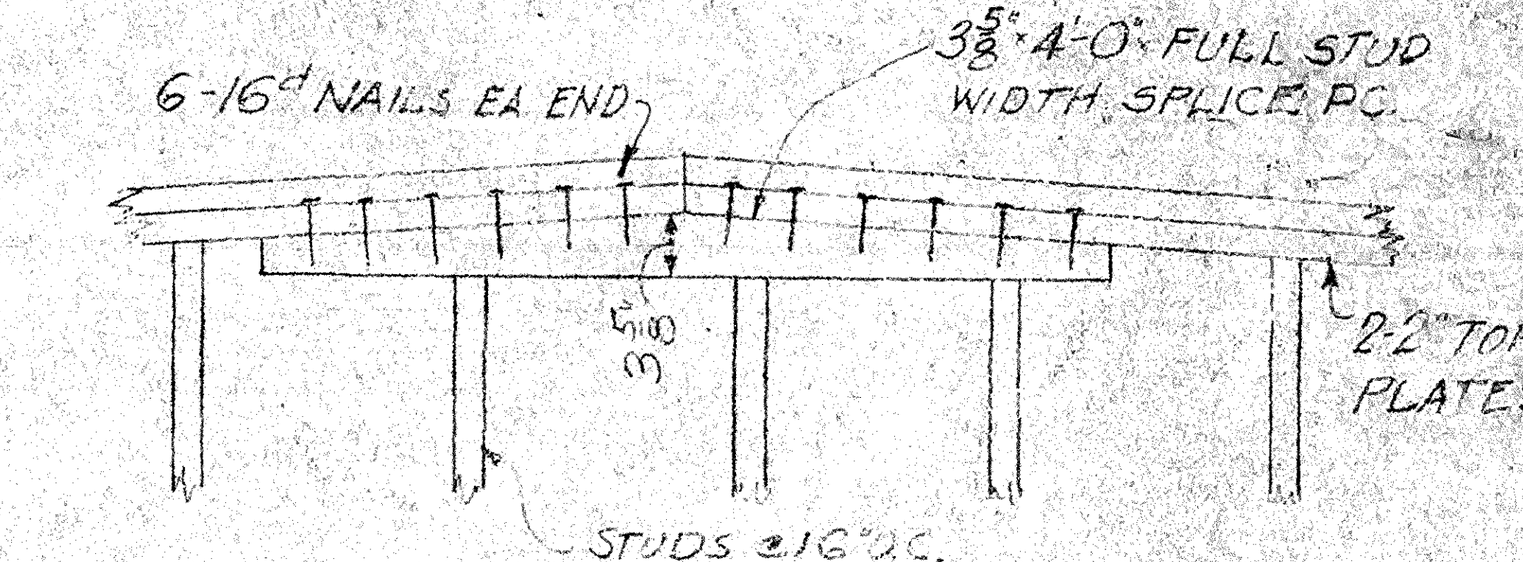
TYP. PLYWD. PANEL FRAMING ELEVATION (SHEAR WALLS)

FOR NON-STRUCTURAL PLYWOOD FINISHES AND DETAILS SEE ARCHITECTURAL DRAWINGS.

INTERMEDIATE NAILING:
8d NAILS @ 12" O.C. THRUOUT.
8d CASING NAILS @ 7 1/2" O.C. MAY BE USED ON PORTIONS OF WALLS EXPOSED TO ROOMS.

INTERMEDIATE NAILING
FOR BP3 ONLY: 10d @ 12" O.C.
FOR BP1 ONLY: 6d @ 12" O.C.

PLYWOOD PANEL SCHEDULE (SHEAR WALLS) CONTINUED							
PANEL NO.	THICKNESS	PLACEMENT	MIN. MEMBER THICK. AT SPLICES	NAILING	END ANCHORAGE	SILL BOLTS	REMARKS
LP1	3/8"	FACED ON STUDS	1 5/8"	8d @ 6" O.C.	TYPE D	5/8"φ @ 4'-0" O.C.	
LP2	3/8"	" " "	1 5/8"	8d @ 6" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
LP3	3/8"	" " "	1 5/8"	8d @ 6" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
LP4	3/8"	" " "	1 5/8"	8d @ 5" O.C.	TYPE C N. END ONLY	5/8"φ @ 4'-0" O.C.	
LP5	3/8"	" " "	1 5/8"	8d @ 6" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
LP6	3/8"	" " "	1 5/8"	8d @ 6" O.C.	TYPE C W. END ONLY	5/8"φ @ 4'-0" O.C.	
LP7	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE B	2-5/8"φ	
LP8	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE B	3-5/8"φ	
LP9	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE B	3-5/8"φ	
LP10	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE B	3-5/8"φ	
LP11	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE B	3-5/8"φ	
LP12	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE B	3-5/8"φ	
EP1	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE C	3-5/8"φ	
EP2	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE C	3-5/8"φ	
EP3	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE C	4-5/8"φ	
EP4	3/8"	" " "	1 5/8"	8d @ 4" O.C.	TYPE C	2-5/8"φ	
EP5	3/8"	" " "	1 5/8"	8d @ 5" O.C.	TYPE C	5/8"φ @ 4'-0" O.C.	
EP6	3/8"	" " "	1 5/8"	8d @ 5" O.C.	TYPE C	2-5/8"φ	
EP7	3/8"	" " "	1 5/8"	8d @ 5" O.C.	TYPE C	2-5/8"φ	
EP8	NOT USED						
EP9	3/8"	FACED ON STUDS	2 5/8"	8d @ 3" O.C.	NO SPECIAL	4-5/8"φ AT 11'-0" SOLID WALL	
EP10	3/8"	" " "	1 5/8"	8d @ 4" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	
EP11	3/8"	" " "	1 5/8"	8d @ 6" O.C.	NO SPECIAL	5/8"φ @ 4'-0" O.C.	



DETAIL (10/Z6)

TYP. CROSS WALL & END WALL RIDGE SPLICE

SCALE ~ 3/4"=1'-0"

NOTE: TA, TB & TC DESIGNATE TYPES A, B & C TRIP-L-GRIP CONNECTORS AS MANUFACTURED BY TIMBER ENGINEERING CO.

NOTE: SADDLE TIE CEILING STRIPPING WHERE PLASTER CEILINGS OCCUR.

EUGENE D. BIRNBAUM
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NORMANDY 3-9218

SCHOOL DISTRICT APPROVAL | DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

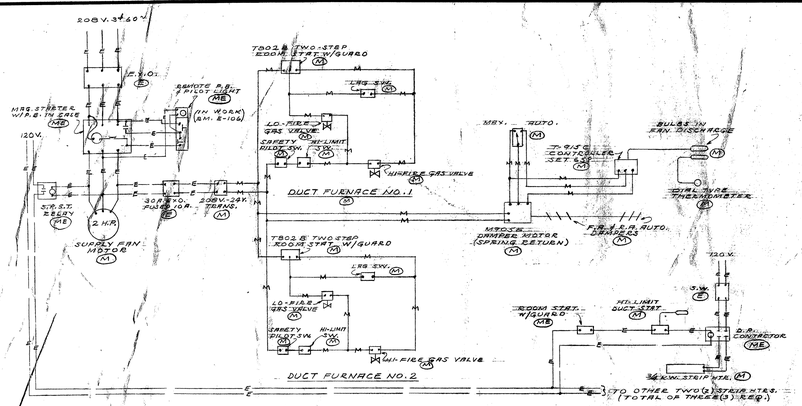
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. | APPROVED FEB 24 1955
PRINCIPAL STRUCTURAL ENGINEER

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA
LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA
W. K. HUTCHASON ARCHITECT AIA

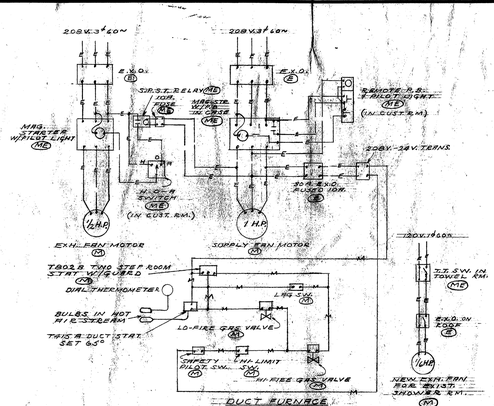
TYPICAL SECTIONS & DETAILS FOR WOOD FRAME BLDGS.

DATE PRINTED

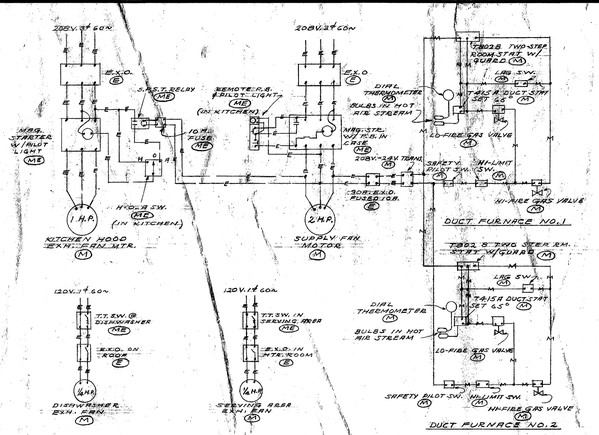
JOB 547
SHEET Z-6
B.O. 116



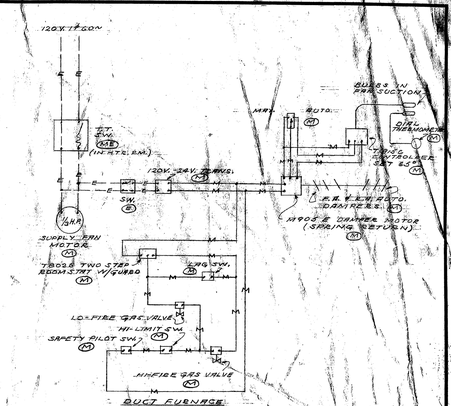
T. C. DIAGRAM – UNIT "E"



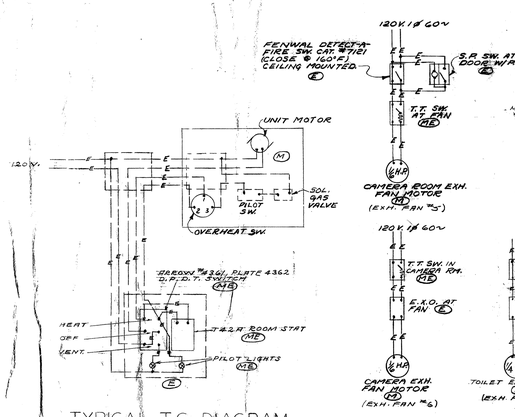
T. C. DIAGRAM – UNITS "M" & "Q"
TWO (2) THUS



T. C. DIAGRAM – DINING ROOMS & KITCHEN – UNIT "R"



T. C. DIAGRAM – STUDENT LOUNGE UNIT "R"

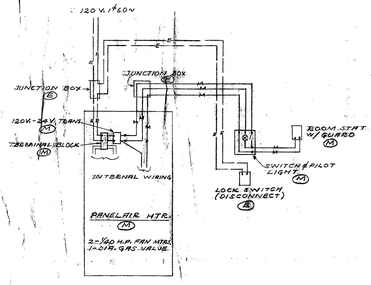


TYPICAL T.C. DIAGRAM
GAS FIRED UNIT HEATERS
UNIT "H"

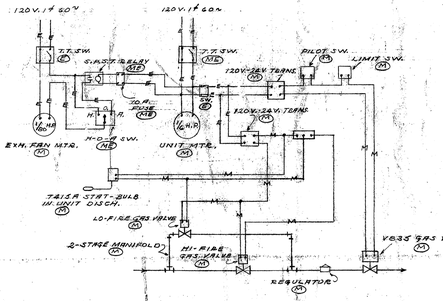
T.C. DIAGRAM – AUDITORIUM SYSTEM – UNIT "U"

T.C. DIAGRAM – PLATFORM SYSTEM – UNIT "U"

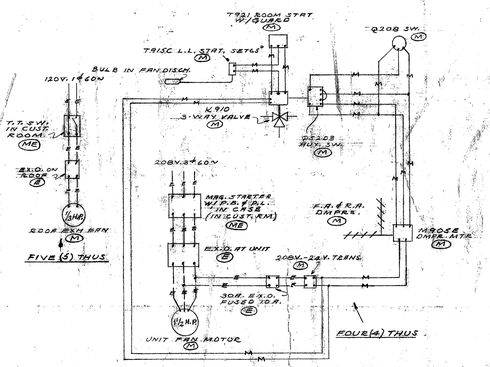
REFRIGERATION CONTROL
KITCHEN – UNIT "R"



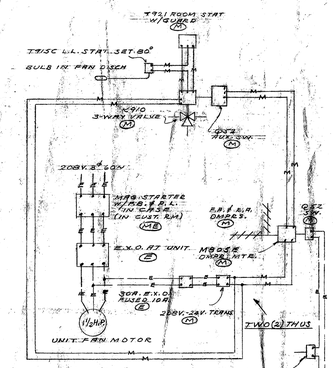
TYPICAL T.C. DIAGRAM
PANELAIR HTRS.
UNITS "B", "C", "D", "L" & "G"



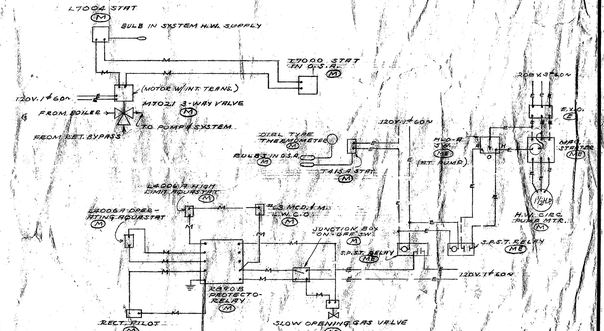
T.C. DIAGRAM – UNIT HEATER & EXH. FAN
UNIFORM DRYING ROOM – UNIT "M"



T.C. DIAGRAM – H&V UNITS – GYM. – UNIT "N"



T.C. DIAGRAM – H&V UNITS – UNIT "O"



BOILER CONTROLS UNIT "N&O"

NOTE:
"CEILING TYPE EXHAUST FANS IN UNITS "O" & "U" ARE NOT INDICATED ON THESE DIAGRAMS, SEE UNIT PLANS.

ALL DIAGRAMS NOT TO SCALE

LESTER R. KELLY
MECHANICAL ENGINEER
443 SOUTH BEAUDRY AVE.
LOS ANGELES, CALIF.

SCHOOL DISTRICT APPROVAL — DATE
PRESIDENT
MEMBER
ARCHITECT
ENGINEER

ADDITIONS TO MORNINGSIDE HIGH SCHOOL

10500 S. YUKON AVENUE, INGLEWOOD, CALIFORNIA
INGLEWOOD UNIFIED SCHOOL DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12538
APPROVED FEB 24 1950
(PRINCIPAL STRUCTURAL ENGINEER)

BALCH · BRYAN · PERKINS · HUTCHASON
2933 ROWENA AVENUE LOS ANGELES 39 NORMANDY 4-1933
WM. GLENN BALCH ARCHITECT AIA LOUIS L. BRYAN CONSTRUCTION MANAGEMENT
JOHN LORING PERKINS ARCHITECT AIA W. K. HUTCHASON ARCHITECT AIA

TEMPERATURE CONTROL DIAGRAMS, HEATING & VENTILATING

DATE PRINTED

JOB 5471
SHEET Z-7
B.O. 117

Appendix E
Project Plans

ESA

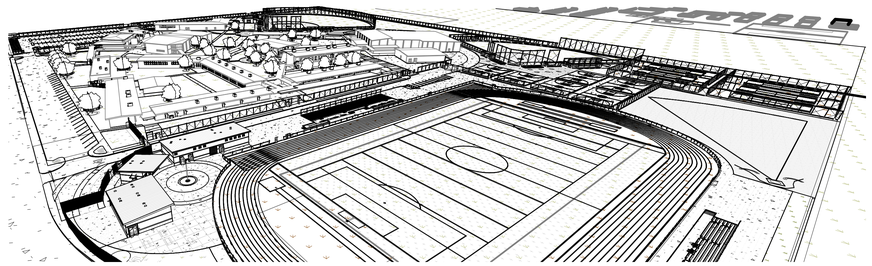
IF THIS SHEET IS NOT 30"x42". IT IS A REDUCED PRINT - SCALE ACCORDINGLY

0 1/4" 1/2" 1"

INGLEWOOD UNIFIED SCHOOL DISTRICT

MORNINGSIDE HIGH SCHOOL

10500 YUKON AVE S
INGLEWOOD, CA 90303



MORNINGSIDE HIGH SCHOOL SITE UPGRADE

DSA BACKCHECK SUBMITTAL OCT 23, 2020

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-120195 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 11/24/2020

ARCHITECTURAL SYMBOLS LEGEND

- D2 / A-512 — DETAIL INDICATOR - REFERENCE & DETAIL INDICATOR - ITEM
- B3 / A-501 — DETAIL INDICATOR - SECTION & DETAIL INDICATOR - SECTION ITEM
- B3 / A-301, D2 / A-512 — SECTION INDICATOR - PARTIAL BUILDING/WALL & DETAIL INDICATOR - AREA
- A2 / A-303 — SECTION INDICATOR - BUILDING
- A4 / A-201 — ELEVATION INDICATOR - EXTERIOR
- A1, A2, A3, A4, A-202 — ELEVATION INDICATOR - INTERIOR, SINGLE & MULTIPLE VIEW
- MATCH LINE / SEE XX / X-XXX — MATCH LINE INDICATOR
- 1, A — REFERENCE GRID WITH REFERENCE GRID LINES
- 22 — REVISION INDICATOR & REVISION CLOUD
- ROOM NAME / 101 — ROOM IDENTIFIER WITH ROOM NAME & NUMBER
- LEVEL 1 100'-0" / TOC 98'-8" — ELEVATION INDICATOR - LEVEL & SPOT
- 10 — WINDOW OR LOUVER IDENTIFIER
- 22 — KEYNOTE INDICATOR
- PLAN NORTH — PLAN NORTH & TRUE NORTH INDICATOR

LIST OF ARCHITECTURAL ABBREVIATIONS

SEE UNITED STATES NATIONAL CAD STANDARD FOR ANY ABBREVIATIONS NOT LISTED BELOW.

&	AND	DHM	DETENTION HOLLOW METAL	MATL	MATERIAL	STD	STANDARD
@	AT	DIA	DIAMETER	MAX	MAXIMUM	STL	STEEL
(E)	EXISTING	DIM	DIMENSION	MECH	MECHANICAL	STOR	STORAGE
'	FOOT, FEET	DS	DOWNSPOUT	MEMB	MEMBRANE	STRUCT	STRUCTURAL
"	INCH(ES)	DSP	DRY STANDPIPE	MFR	MANFACTURER	SUSP CLG	SUSPENDED CEILING
#	NUMBER	DWG	DRAWING	MH	MANHOLE	SV	SHEET VINYL
ALUM	ALUMINUM	DWR	DRAWER	MIN	MINIMUM	SYMM	SYMMETRICAL
ARCH	ARCHITECTURAL	EA	EACH	MISC	MISCELLANEOUS	SYS	SYSTEM
A/C UNIT	AIR CONDITIONING UNIT	EGSB	EXTERIOR GYPSUM SHEATHING BOARD	MO	MASONRY OPENING	T	TREAD
A/E	ARCHITECT / ENGINEER	EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	MR	MOISTURE RESISTANT	T&G	TONGUE & GROOVE
AB	ANCHOR BOLT	EJ	EXPANSION JOINT	MTD	MOUNTED	TEL	TELEPHONE
AC	ASPHALTIC CONCRETE	EL	ELEVATION	MTL	METAL	THK	THICKNESS
ACC	ACCESSIBLE	ELEC	ELECTRIC / ELECTRICAL	MULL	MULLION	TMH	TOP OF MANHOLE
ACS DR	ACCESS DOOR	ELEV	ELEVATOR	NIC	NOT IN CONTRACT	TMPD	TEMPERED
ACS PNL	ACCESS PANEL	EMER	EMERGENCY	NO	NUMBER	TO	TOP OF
ACST	ACOUSTIC	ENCL	ENCLOSURE	NOM	NOMINAL	TOC	TOP OF CURB
AD	AREA DRAIN	EPB	ELECTRICAL PANEL BOARD	NTS	NOT TO SCALE	TOF	TOP OF FRAME
ADC	AUTOMATIC DOOR CLOSER	EQ	EQUAL	O/	OVER	TOJ	TOP OF JOIST
ADO	AUTOMATIC DOOR OPERATOR	EQUIP	EQUIPMENT	OC	ON CENTER	TOM	TOP OF MASONRY
ADDL	ADDITIONAL	EW	EACH WAY	OD	OUTSIDE DIAMETER	TOP	TOP OF PARAPET
ADJ SHV	ADJUSTABLE SHELVING	EWC	ELECTRIC WATER COOLER	OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED	TOPO	TOPOGRAPHY
AFF	ABOVE FINISHED FLOOR	EXH	EXHAUST	OFF	OFFICE	TOS	TOP OF STEEL
AFG	ABOVE FINISHED GRADE	EXST	EXISTING	OGL	OBSCURE GLASS	TOW	TOP OF WALL
AGGR	AGGREGATE	EXP	EXPANSION	OPH	OPPOSITE HAND	TV	TELEVISION
AHU	AIR HANDLING UNIT	EXT	EXTERIOR	OPNG	OPENING	TYP	TYPICAL
ASSY	ASSEMBLY	FA	FIRE ALARM	OPP	OPPOSITE	UC	UNDER COUNTER/CABINET
BD	BOARD	FB	FLAT BAR	PAF	POWER ACTUATED FASTENER	UNO	UNLESS NOTED OTHERWISE
BKG	BACKING	FD	FLOOR DRAIN	PL	PROPERTY LINE; PLATE	UON	UNLESS OTHERWISE NOTED
BLDG	BUILDING	FDTN	FOUNDATION	PLAM	PLASTIC LAMINATE	UR	URINAL
BM	BEAM	FE	FIRE EXTINGUISHER	PLB	PLUMB	VCT	VINYL COMPOSITION TILE
BM	BENCHMARK	FEC	FIRE EXTINGUISHER CABINET	PLBG	PLUMBING	VERT	VERTICAL
BOT	BOTTOM	FIN	FINISH	PLYWD	PLYWOOD	VEST	VESTIBULE
BTWN	BETWEEN	FLG	FLOORING	PNL	PANEL	VIF	VERIFY IN FIELD
BUR	BUILT-UP ROOFING	FLL	FLOW LINE	PROP	PROPERTY	VWC	VINYL WALL COVERING
BW	BOTH WAYS	FLR	FLOOR	PSF	POUNDS PER SQUARE FOOT	VWF	VINYL WALL FABRIC
C	CHANNEL	FOC	FACE OF CONCRETE/CURB	PSI	POUNDS PER SQUARE INCH	W/	WITH
CAB	CABINET	FOF	FACE OF FINISH	PT	PAINT; PAINT	W/O	WITHOUT
CB	CATCH BASIN	FOM	FACE OF MASONRY	PTN	PARTITION	WC	WATER CLOSET
CBC	CALIFORNIA BUILDING CODE	FOS	FACE OF STUD	PV	PHOTOVOLTAIC	WD	WOOD
CEM	CEMENT	FOW	FACE OF WALL	QT	QUARRY TILE	WH	WATER HEATER
CEM PLAS	CEM PLASTER	FP	FIREPROOF	R	RADIUS; RISER	WO	WHERE OCCURS
CFLG	COUNTERFLASHING	FRP	FIBERGLASS REINFORCED PLASTIC	RD	ROOF DRAIN	WP	WORKING POINT
CFMF	COLD-FORMED METAL FRAMING	FT	FEET / FOOT	REBAR	REINFORCING STEEL BAR	WPM	WATERPROOF MEMBRANE
CG	CORNER GUARD	FTG	FOOTING	REF	REFERENCE	WSCT	WAINSCOT
CI	CAST IRON	FURG	FURRING	REF	REFRIGERATOR	WT	WEIGHT
CJ	CONSTRUCTION JOINT / CONTROL JOINT	FUT	FUTURE	REINF	REINFORCE / REINFORCING	WTR	WATER
CL	CENTER LINE	G	GROUND; NATURAL GAS	REQD	REQUIRED	WWR	WELDED WIRE REINFORCEMENT
CLG	CEILING	GA	GAGE	RESIL	RESILIENT		
CLR	CLEAR	GALV	GALVANIZED	RM	ROOM		
CMU	CONCRETE MASONRY UNIT	GB	GRAB BAR	RO	ROUGH OPENING		
CNTR	COUNTER	GI	GALVANIZED IRON	RWD	REDWOOD		
CO	CLEANOUT	GLU LAM	GLUED LAMINATED WOOD	RWL	RAIN WATER LEADER		
COL	COLUMN	GYP	GYPSUM	SAD	SEE ARCHITECTURAL DRAWINGS		
CONC	CONCRETE	HB	HOSE BIB	SATC	SUSPENDED ACOUSTICAL TILE CEILING		
CONSTR	CONSTRUCTION	HC	HOLLOW CORE	SB	SPLASH BLOCK		
CONT	CONTINUE / CONTINUOUS	HDBD	HARDBOARD	SC	SOLID CORE		
COTG	CLEANOUT TO GRADE	HDW	HARDWARE	SCHED	SCHEDULE		
CP	CONTROL PANEL	HDWD	HARDWOOD	SD	STORM DRAIN		
CPT	CARPET	HM	HOLLOW METAL	SDST	SELF DRIVING, SELF TAPPING		
CRS	COLD ROLLED STEEL	HORIZ	HORIZONTAL	SHT	SHEET		
CSK	COUNTER SUNK	HR	HOUR	SHTHG	SHEATHING		
CSWK	CASEWORK	HT	HEIGHT	SHV	SHELVING		
CT	CERAMIC TILE	ID	INSIDE DIAMETER	SIM	SIMILAR		
CTR	CENTER	INSUL	INSULATION	SLNT	SEALANT		
DBL	DOUBLE	INT	INTERIOR	SM	SHEET METAL		
DEPT	DEPARTMENT	JAN	JANITOR	SPEC	SPECIFICATION		
DET	DETAIL	KIT	KITCHEN	SQ	SQUARE		
DF	DRINKING FOUNTAIN	L	ANGLE	SS	SANITARY SEWER; SERVICE SINK		
		LAB	LABORATORY	SST	STAINLESS STEEL		
		LAV	LAVATORY				

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES ETC. PRIOR TO CONSTRUCTION
- FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA.
- CONTRACTOR SHALL NOTIFY ARCHITECT WHERE CONFLICT OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.
- WHERE REQUIRED, ROOM OCCUPANCY CAPACITIES SHALL BE POSTED WITH THE REQUIREMENTS OF CALIFORNIA STATE FIRE MARSHAL & CBC 1004.3.
- SPECIAL REQUIREMENTS:
  A. ASSUMED PROPERTY LINES & FIRE SEPARATION DISTANCE PER GL111 SERIES
  B. ACCESSIBLE PATH OF TRAVEL PER SHEET AS101
  C. EMERGENCY VEHICLE ROAD ACCESS PER G-101
  D. FOR PARKING REQUIREMENTS SEE SHEET AS101
  E. FOR BUILDING SIGNAGE REQUIREMENTS SEE SHEETS G-513
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK (SECTION 4-317(C), PART 1, TITLE 24, CCR)
- CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO:
  - 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
  - 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2018 INTERNATIONAL BUILDING CODE, VOL 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
  - 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
  - 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
  - 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
  - 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
  - 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
  - 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
  - TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
  - 2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)
  - NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED), 2016 EDITION
  - NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED), 2016 EDITION
  - NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION
  - NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION
  - NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION, 2016 EDITION
  - NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION, 2013 EDITION
  - NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED), 2016 EDITION
  - NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED), 2016 EDITION
  - NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2016 EDITION
  - NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED), 2015 EDITION
  - UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR THE PROTECTION OF COMMERCIAL COOKING EQUIPMENT, 2005 (R2010)
  - UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES, 2003 EDITION
  - UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 1999 EDITION
  - UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED, 2002 (R2010)
- CHANGES TO THE APPROVED DRAWINGS OR SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENTS (CCD) APPROVED BY DSA, AS REQUIRED BY THE SECTION 4-338, PART 1, TITLE 24, CCR.
- A "DSA CERTIFIED" CLASS 1 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK.THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- ALL WORK SHALL CONFORM TO THE 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

PROJECT DIRECTORY

OWNER
INGLEWOOD UNIFIED SCHOOL DISTRICT
401 SOUTH INGLEWOOD AVE.
INGLEWOOD, CA 90301

OWNER REPRESENTATIVE
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BKF ENGINEERS
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VANTAGE TECHNOLOGY CONSULTING GRP
201 CONTINENTAL BLVD SUITE 120
EL SEGUNDO, CA 90245
CONTACT: EDWARD YUN
PHONE: 310.536.7676
EMAIL: EDWARD.YUN@VANTAGETCG.COM

SCOPE OF PROJECT

- DEMOLITION OF EXISTING FIELD AREAS.
- CONSTRUCTION OF NEW TRACK, FOOTBALL / SOCCER FIELD, TENNIS COURTS, SOFTBALL FIELD, BASEBALL FIELD, BLEACHERS, DUG OUTS, AND STADIUM LIGHTING
- CONSTRUCTION OF:
  - CONCESSION BUILDING
  - ELECTRICAL YARD AND STORAGE BUILDING
  - (2) RESTROOM AND TEAM BUILDINGS
- EXPAND NORTHWEST PARKING LOT
- UPGRADE FIRE LANE
- RELOCATE CONDUITS FROM ROOFS AND CANOPIES TO UNDERGROUND
- CONSTRUCTION OF (3) PC SCOREBOARDS
  - BASEBALL PC SCOREBOARD PC#04-116016
  - SOFTBALL PC SCOREBOARD PC#04-116017
  - TRACK/FIELD SCOREBARD PC#04-116017

DEFERRED SUBMITTALS

- BLEACHERS AT TRACK
- BLEACHERS AT BASEBALL & SOFTBALL FIELDS

LOCATION MAP



VICINITY MAP


Bobby Socks
Ross Dress for Less
Michaels
Smart & Final Extra!
Concerts On Wheels
Inglewood Park Cemetery
Mainline Christian Academy
Morningside High School
PROJECT LOCATION
Monroe Middle School
Inglewood
Hollywood Park
Hollywood Park Casino
Westchester
Los Angeles International Airport
Playa del Rey
Marina del Rey
Venice
Del Rey
Mar Vista
Culver City
Palms
Rancho Park
Beverly Hills
Bel Air
Brentwood
Pacific Palisades
Malibu
Santa Monica
Westwood
Century City
Cheviot Hills
Rancho Park Golf Course
Los Angeles Country Club North
Los Angeles Country Club South
Rancho Park Golf Course
Overland Ave
Sepulveda Blvd
Westwood Blvd
Pico Blvd
Olympic Blvd
Santa Monica Blvd
Wilshire Blvd
Venice Blvd
Washington Blvd
Jefferson Blvd
Manchester Blvd
Century Blvd
Imperial Hwy
Rosecrans Ave
Marine Ave
Redondo Beach Blvd
Artesia Blvd
Gardena
Hawthorne
Lawndale
Torrance
Redondo Beach
Manhattan Beach
El Segundo
Lennox
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Rancho Palos Verdes Golf Course
Rancho Palos Verdes Golf Course

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-120195 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 11/24/2020

INGLEWOOD UNIFIED SCHOOL DISTRICT

LIONÄKIS
4000 MacArthur Blvd., Suite 101
Newport Beach CA 92660
P 949.955.1919 F 949.955.9175
www.lionakis.com

CONSULTANT

SEAL
LICENSED ARCHITECT STEVEN KENDRICK C14099 REGISTERED PROFESSIONAL STATE OF CALIFORNIA

PROJECT
MORNINGSIDE HIGH SCHOOL SITE UPGRADE

10500 YUKON AVE S
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301

ISSUED

MARK	DATE	DESCRIPTION
	10/23/2020	DSA SUBMITTAL

MANAGEMENT
LIONAKIS PROJECT NO: 019081
CLIENT PROJECT NO:
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TITLE
INDEX SHEET

SHEET
G-002

IF THIS SHEET IS NOT 30"x42". IT IS A REDUCED PRINT - SCALE ACCORDINGLY
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PART II-A **INFORMATION ON FIRE FLOW AVAILABILITY (To be completed by Water Purveyor)**

Location On W.106th Street ~65' W/o Yukon Ave

Hydrant Number 1297
Distance from Nearest Property Line ~150' Size of Hydrant 6" Size of Water main 6"
Static PSI 66 Residual PSI 44 Orifice size 4" Pitot 22 psi
Fire Flow at 20 PSI 2998 gpm Duration 2 Hours Flow Test Date / Time 9/10/20 @ 5:52 PM

Location On Yukon Ave ~45' N/o W.107th Street

Hydrant Number 1267
Distance from Nearest Property Line ~150' Size of Hydrant 6" Size of Water main 8"
Static PSI 66 Residual PSI 44 Orifice size 4" Pitot 20 psi
Fire Flow at 20 PSI 2858 gpm Duration 2 Hours Flow Test Date / Time 9/10/20 @ 5:52 PM

Location

Hydrant Number
Distance from Nearest Property Line Size of Hydrant Size of Water main
Static PSI Residual PSI Orifice size Pitot
Fire Flow at 20 PSI Duration Flow Test Date / Time

PART II-B **SPRINKLERED BUILDINGS/PRIVATE FIRE HYDRANTS ONLY**

Detector Location (check one) ☐ Above Grade ☐ Below Grade ☐ Either

Backflow Protection Required (Fire Sprinklers/Private Hydrant) (check one) ☐ Yes ☐ No

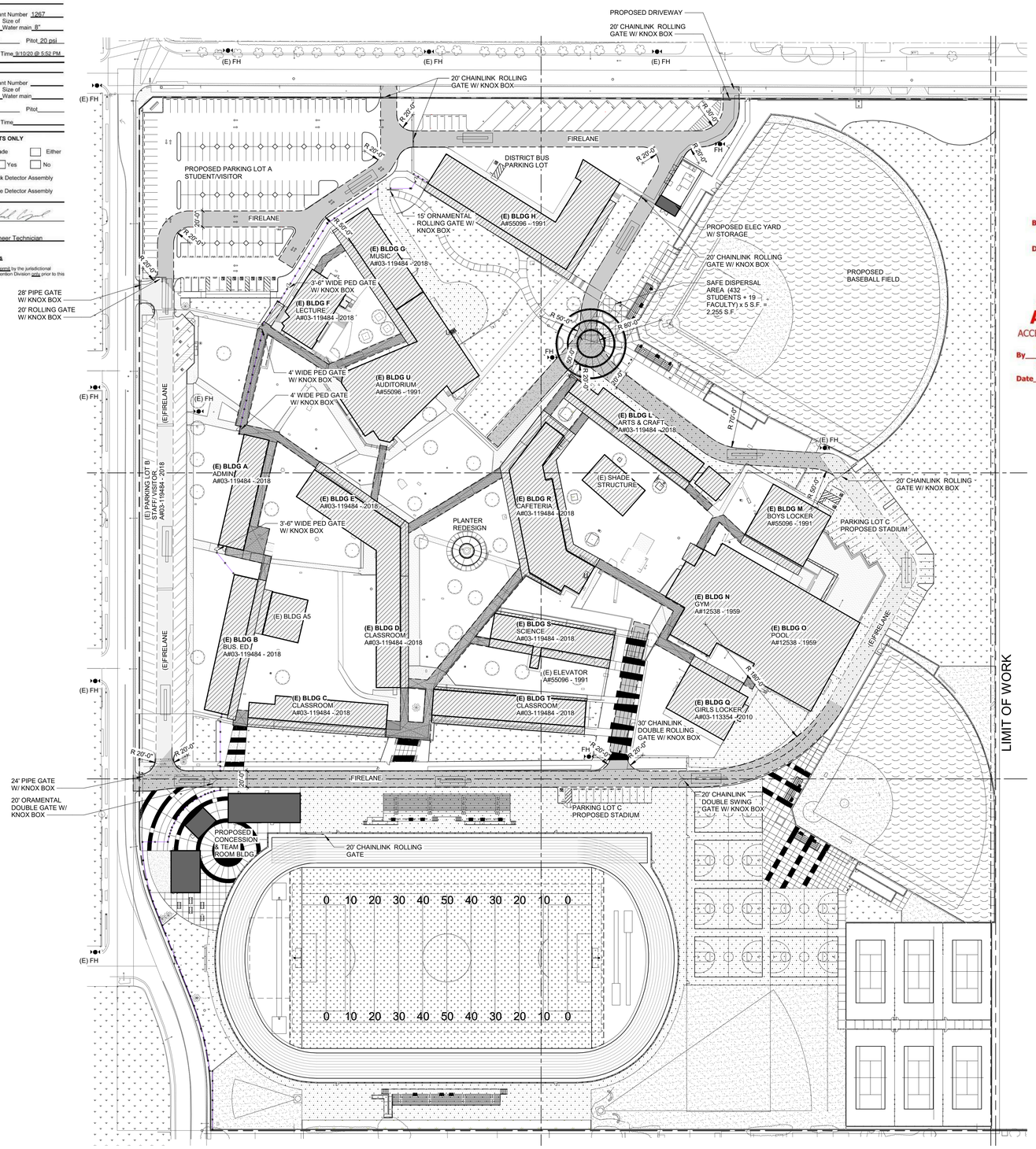
Minimum Type of Protection Required (check one) ☐ Single Check Detector Assembly ☐ Double Check Detector Assembly ☐ Reduced Pressure Principle Detector Assembly

Golden State Water Company — Water Purveyor
Signature
9/11/2020 — Date
Operations Engineer Technician — Title

This Information is Considered Valid for Twelve Months

Fire Department approval of building plans shall be required prior to the issuance of a Building Permit by the jurisdictional Building Department. Any deficiencies in water systems will need to be resolved by the Fire Prevention Division only prior to this department's approval of building plans.

PROJECT ADDRESS: 10500 Yukon Ave



1 SITE PLAN - OVERALL - FIRE, LIFE, & SAFETY
SCALE 1" = 60'-0"

Fire Access and Fire Hydrants and Water.

COUNTY OF LOS ANGELES FIRE DEPARTMENT FIRE PREVENTION ENGINEERING
APPROVED
By Marion Jaikowski
Fire Prevention Engineer
Date 10/15/2020

COUNTY OF LOS ANGELES FIRE DEPARTMENT FIRE PREVENTION ENGINEERING
APPROVED
ACCESS REQUIREMENTS ONLY
By Marion Jaikowski
Fire Prevention Engineer
Date 10/15/2020

SCOPE OF PROJECT

- DEMOLITION OF EXISTING FIELD AREAS.
- CONSTRUCTION OF NEW TRACK, FOOTBALL / SOCCER FIELD, TENNIS COURTS, SOFTBALL FIELD, BASEBALL FIELD, BLEACHERS, DUG OUTS, AND STADIUM LIGHTING
- CONSTRUCTION OF:
  - CONCESSION BUILDING
  - ELECTRICAL YARD AND STORAGE BUILDING
  - (2) RESTROOM AND TEAM BUILDINGS
- EXPAND NORTHWEST PARKING LOT
- UPGRADE FIRE LANE
- RELOCATE CONDUITS FROM ROOFS AND CANOPIES TO UNDERGROUND
- CONSTRUCTION OF (3) PC SCOREBOARDS
  - BASEBALL PC SCOREBOARD PC#04-116016
  - SOFTBALL PC SCOREBOARD PC#04-116016
  - TRACK/FIELD SCOREBARD PC#04-116017

SITE PLAN LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY
- SAFE DISPERSAL AREA: 5 SF/PERSON MIN 50'-0" FROM ANY BUILDING
- FH — FIRE HYDRANT
- ORNAMENTAL FENCE
- CHAIN LINK FENCE
- DF — HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLING STATION
- (E) FIRE TRUCK ACCESS ROAD
- FIRELANE — 20' BARRIER-FREE FIRE TRUCK ACCESS ROAD

EMERGENCY FIRE TRUCK ACCESS PATH OF TRAVEL, ROUTE WITH A MINIMUM OF 20' WIDE BY 15'-6" VERTICAL CLEARANCE WITH 50' INSIDE TURNING RADIUS AND AN ADDITIONAL 2' OF WIDTH PROVIDED TO ALLOW FOR CLEARANCE OF APPARATUS BUMPER OVERHANG, TYP. VEHICLE BARRIERS SUCH AS GATES PROVIDED WITH A KNOX BOX AT CAMPUS ENTRY POINTS.

- (E) PATH OF TRAVEL (A#03-119484 - 2018)
- PATH OF TRAVEL :

"**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT**: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICATBLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR **PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS**. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAS BEEN IDENTIFIED AND 2) THE DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND RESONABLE CONSTRUCTION TOLERANCES, TEHY SHALL BE BOUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF OF CONSTRUCTION CHANGE DOCUMENT."

DSA **810**

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1–3 below is to be provided for all project types indicated above. Information associated with items 4–7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the local fire authority (LFA) is only required when an alternate design means is being requested.

Page 1 of the completed form must be imaged onto the fire access site plan. When an alternate design/means is proposed, completed pages 1 and 2 are to be imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy 09-01.

PROJECT INFORMATION	
School District/Owner:	INGLEWOOD UNIFIED SCHOOL DISTRICT
Project Name/School:	MORNINGSIDE HIGH SCHOOL
Project Address:	10500 YUKON AVE S. INGLEWOOD, CA 90303

FIRE & LIFE SAFETY INFOMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☑		No ☐
3.	Is the project located within a designated fire hazard severity zone as established by Cal-Fire? *(If yes, indicate fire hazard zone classification below)*	Yes ☐		No ☑
	Refer to the following for fire hazard zone locations: www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			☐	☐
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	☐	☐		
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			☐	☐
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.	☐	☐		
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			☐	☐
6a.	**Acceptable Alternate**: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.	☐	☐		
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			☐	☐
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.	☐	☐		

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Title:
Signature: Date:

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	Los Anglees County Fire Department
LFA Review Official:	Marion Jaikowski
Title:	Fire Prevention Engineer 2
Work E-mail:	marion.jaikowski@fire.lacounty.gov

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INGLEWOOD UNIFIED SCHOOL DISTRICT 1888

LIONÄKIS
4000 MacArthur Blvd., Suite 101
Newport Beach CA 92660
P 949.955.1919 F 949.955.9175
www.lionakis.com

CONSULTANT

SEAL
LICENSED ARCHITECT STEVEN KENDRICK C14099 REN 08-31-2021 STATE OF CALIFORNIA

PROJECT
MORNINGSIDE HIGH SCHOOL SITE UPGRADE

10500 YUKON AVE S
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301

ISSUED

MARK	DATE	DESCRIPTION
	10/23/2020	DSA SUBMITTAL

MANAGEMENT

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CLIENT PROJECT NO:
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TITLE
OVERALL SITE - FIRE TRUCK PLAN

SHEET
G-101

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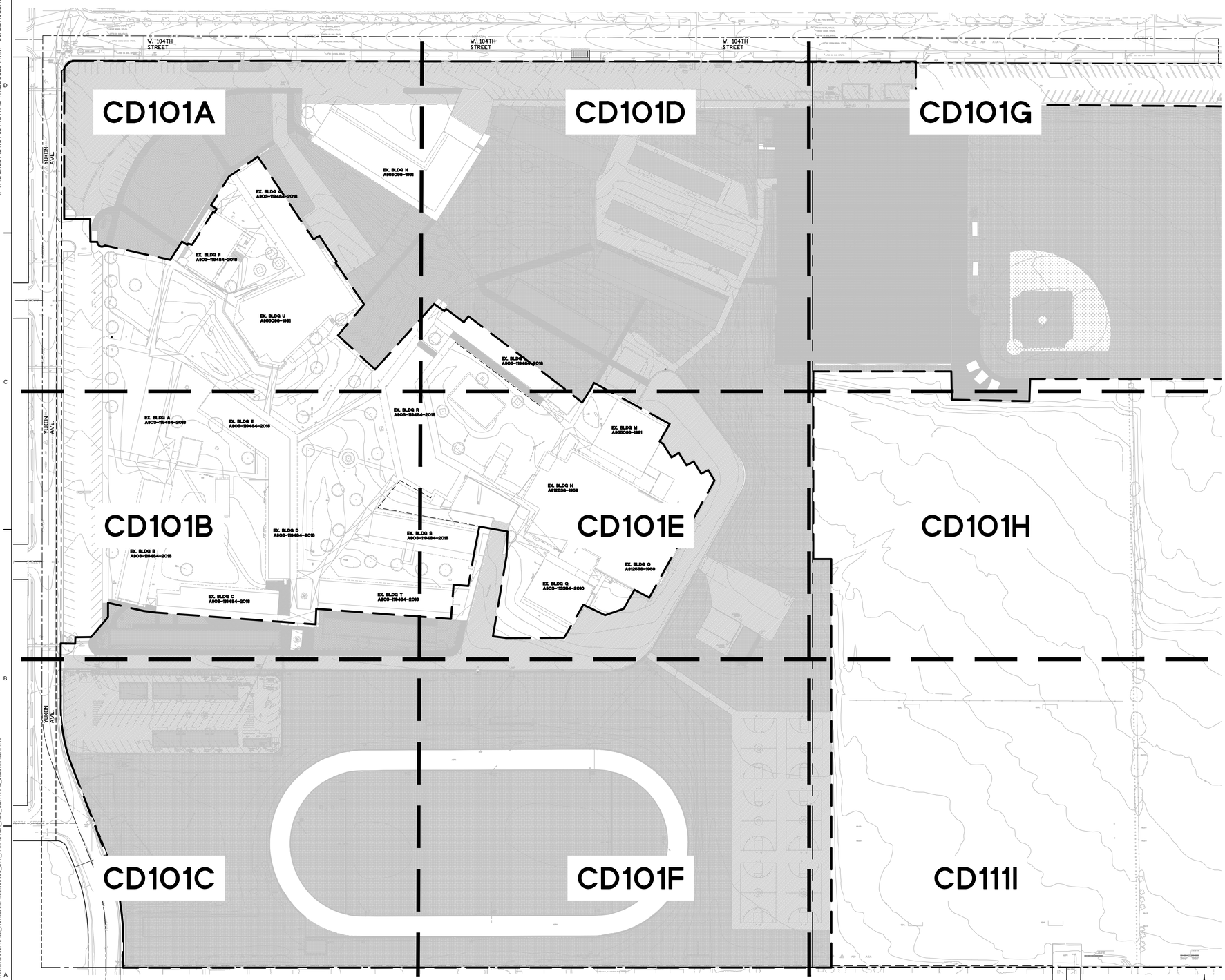

1 **OVERALL DEMOLITION PLAN**
SCALE: 1"=60'

GENERAL NOTES

1. CONTRACTOR IS TO COMPLY WITH ALL GENERAL AND STATE REQUIREMENTS INVOLVING THE REMOVAL AND DISPOSAL OF HAZARDOUS MATERIAL(S).
2. THE CONTRACTOR SHALL LOCATE & CLEARLY MARK (AND THEN PRESERVE THESE MARKERS) FOR THE DURATION OF CONSTRUCTION OF ALL TELEPHONE, DATA, LIGHTS, AND POWER FACILITIES THAT ARE IN OR NEAR THE AREA OF CONSTRUCTION.
3. CONTRACTOR'S BID IS TO INCLUDE ALL VISIBLE SURFACE AND ALL SUBSURFACE FEATURES IDENTIFIED TO BE REMOVED OR ABANDONED IN THESE DOCUMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY ACKNOWLEDGE THE EXTENT OF THE DEMOLITION WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION, AND DISPOSAL OF SAID MATERIALS AS REQUIRED BY PRIVATE, LOCAL AND STATE JURISDICTIONS. THE CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH THE DEMOLITION WORK.
6. CONTRACTOR SHALL PAY DISPOSAL FEES.
7. BACKFILL ALL DEPRESSIONS AND TRENCHES FROM DEMOLITION TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
8. WITHIN LIMITS OF WORK, REMOVE SIDEWALKS, CURBS, GUTTERS, LANDSCAPING, TREES, ASPHALT, UNDERGROUND PIPES, ETC. AS INDICATED ON THE DRAWINGS.
9. REMOVAL OF LANDSCAPING SHALL INCLUDE ROOTS AND ORGANIC MATERIALS TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
10. PRIOR TO BEGINNING DEMOLITION WORK ACTIVITIES, CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES OUTLINED IN THE EROSION CONTROL PLAN & DETAILS.
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14. COORDINATE WITH MEP, LANDSCAPE, AND ARCHITECTURAL DRAWINGS FOR UTILITY REMOVAL AND SHUT-DOWN/DISCONNECT LOCATIONS. CONTRACTOR IS TO SHUT OFF ALL UTILITIES AS NECESSARY PRIOR TO DEMOLITION. CONTRACTOR IS TO COORDINATE SERVICE INTERRUPTIONS WITH THE DISTRICT. DO NOT INTERRUPT SERVICES TO ADJACENT OFF-SITE OWNERS. SEE ARCHITECTURAL PLANS FOR ADDITIONAL DEMOLITION SCOPE OF WORK.
15. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS ASSOCIATED WITH UTILITY, FENCE, TREE, ETC, AND SHALL INCLUDE PREPARING THE SITE FOR NEW UTILITIES, REMEDIAL/RELOCATED WORK OF EX UTILITIES DUE TO GRADE CHANGES, BUILDINGS, RETAINING WALLS, ETC. CAP EX UTILITY AT NEW PL AND ABANDON IN PLACE.
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DEMOLITION NOTES

1. PROTECT IN PLACE
2. RELOCATE EXISTING...
3. REMOVE EX. CURB
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5. REMOVE EX. PARKING STRIPE
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7. REMOVE EX. TREE
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11. REMOVE EX. TRACK & FIELD EQUIPMENT
12. REMOVE EX. SEWER
13. REMOVE EX. STORM DRAIN
13. REMOVE EX. RETAINING WALL
14. REMOVE EX. ELECTRICAL EQUIPMENT AND OVERHEAD LINE. SEE NOTE 14.
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16. REMOVE EX. CURB AND GUTTER
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LEGEND

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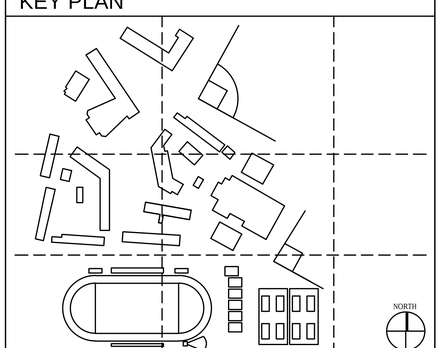
KEY PLAN



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	10/23/2020	DSA BACKCHECK

MANAGEMENT

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TITLE
OVERALL DEMOLITION PLAN

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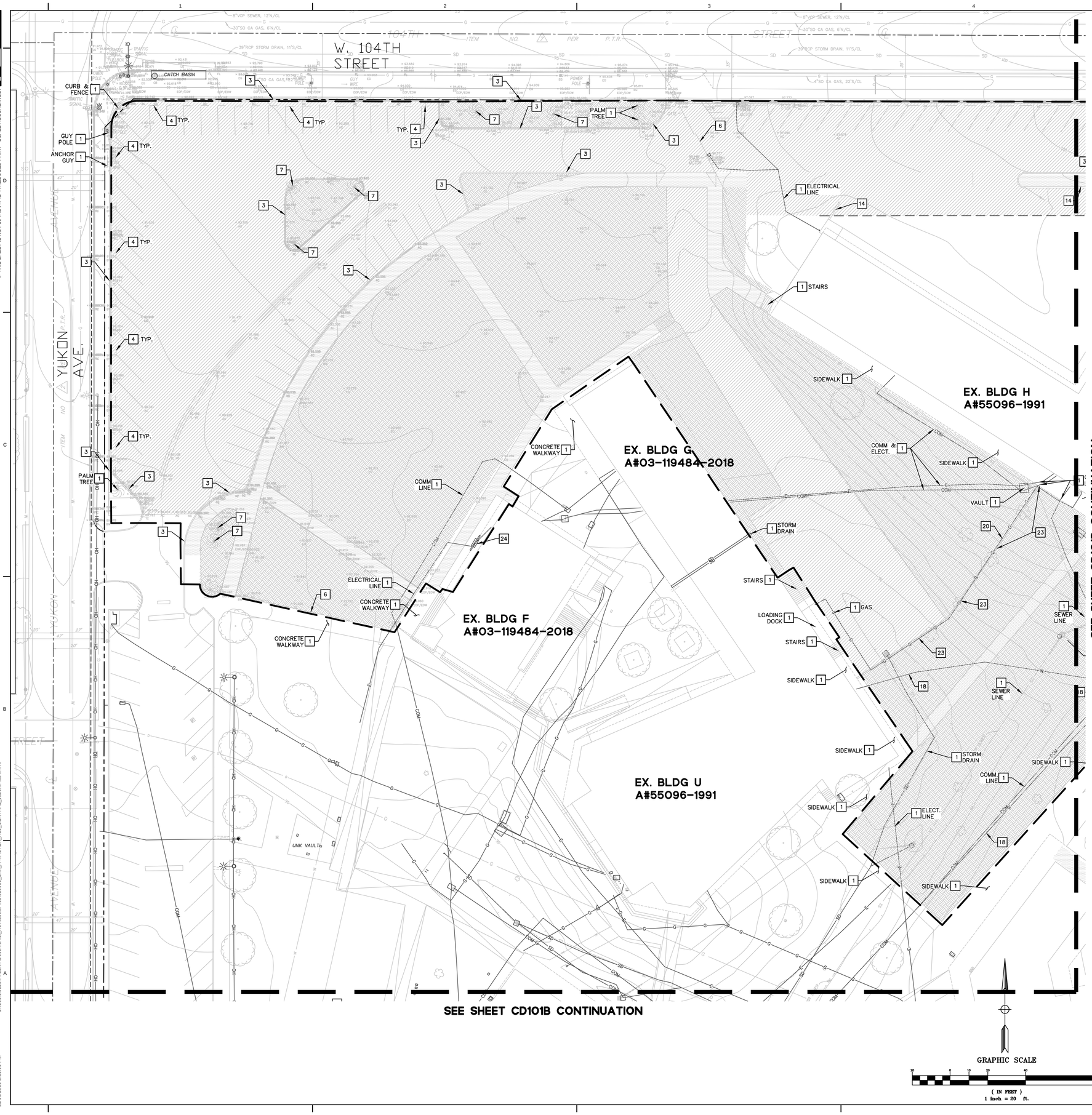

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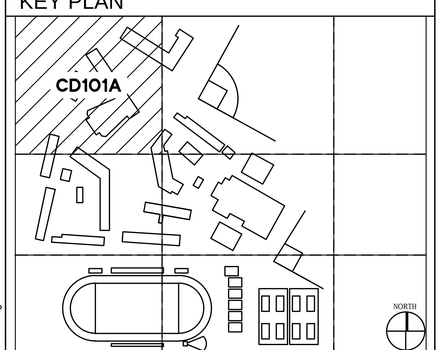

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SEAL
REGISTERED PROFESSIONAL ENGINEER — JEFFREY W. KIRBY — No. C 42393 — CIVIL — STATE OF CALIFORNIA

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	10/23/2020	DSA BACKCHECK

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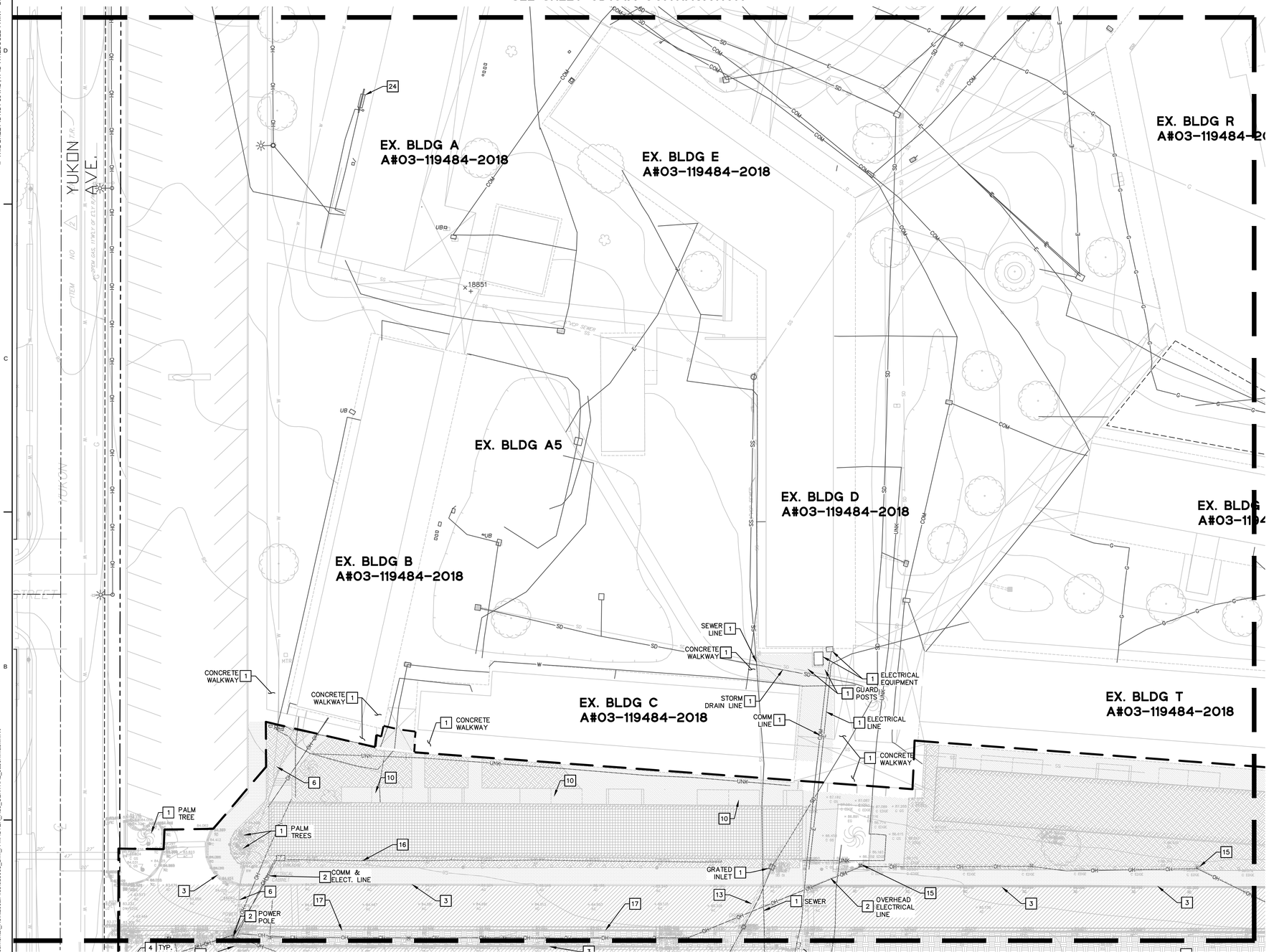

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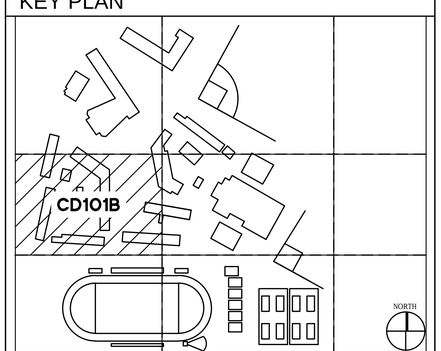

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PROJECT
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CLIENT
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INGLEWOOD, CA 90301

ISSUED

MARK	DATE	DESCRIPTION
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	10/23/2020	DSA BACKCHECK

MANAGEMENT

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TITLE
DEMOLITION PLAN

SHEET
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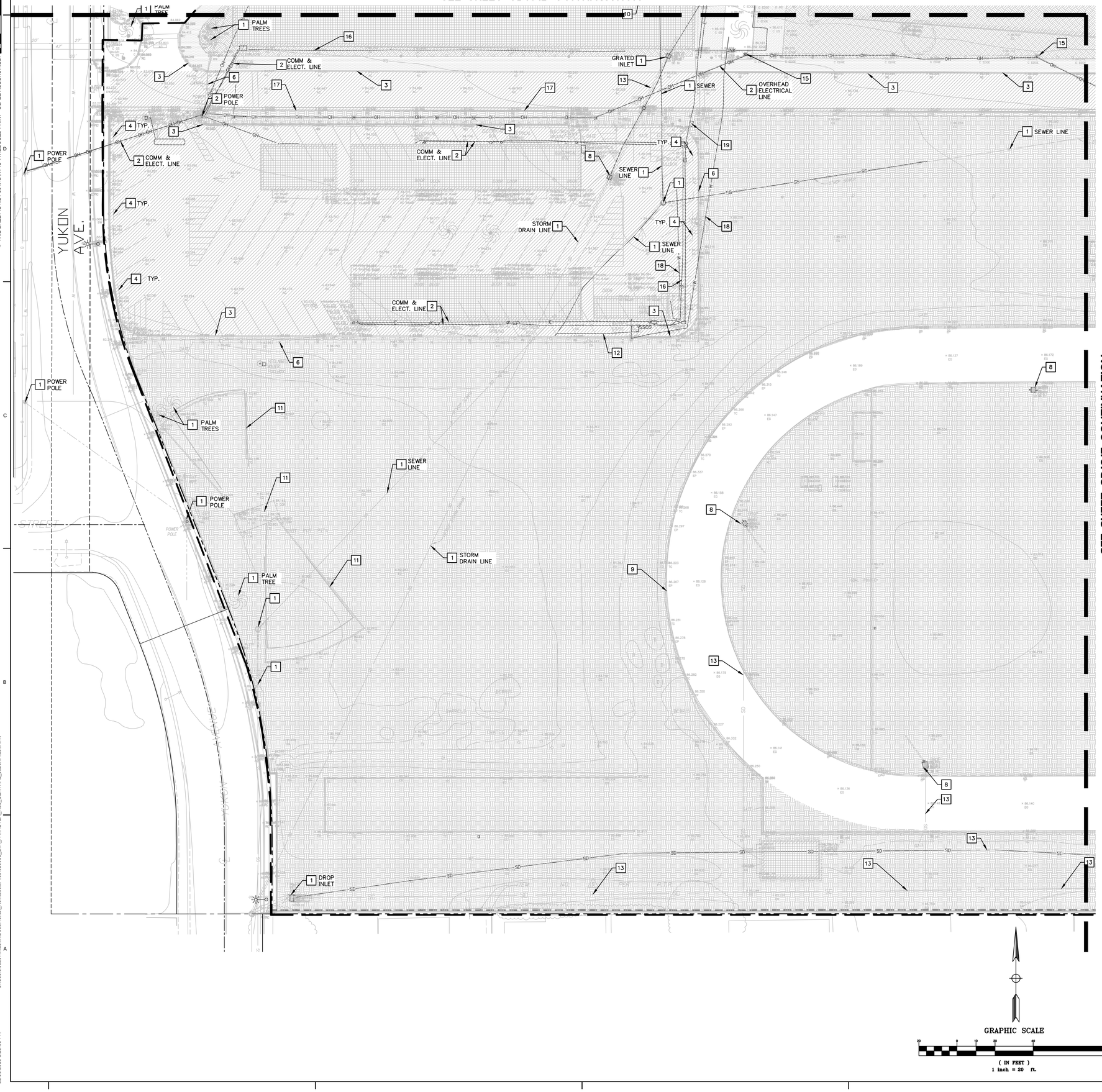

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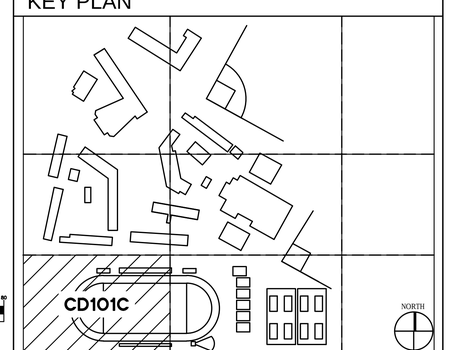

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MANAGEMENT

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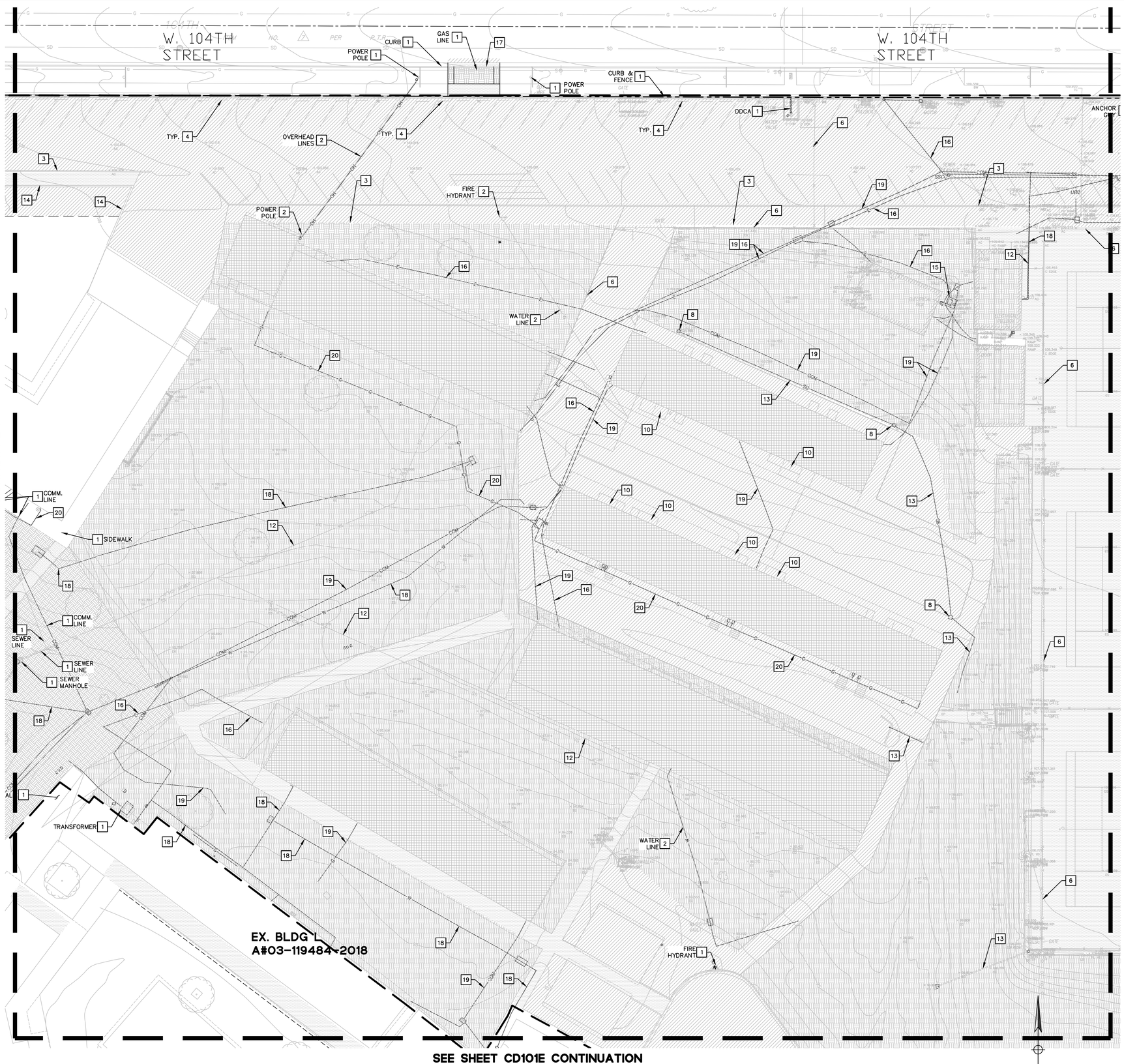

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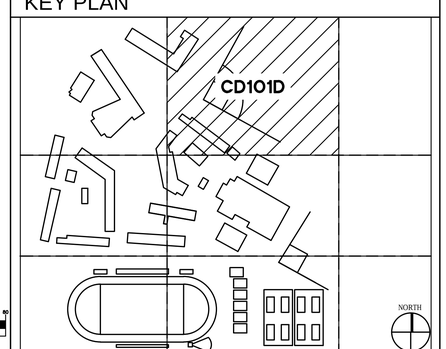

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DEMOLITION PLAN

SHEET
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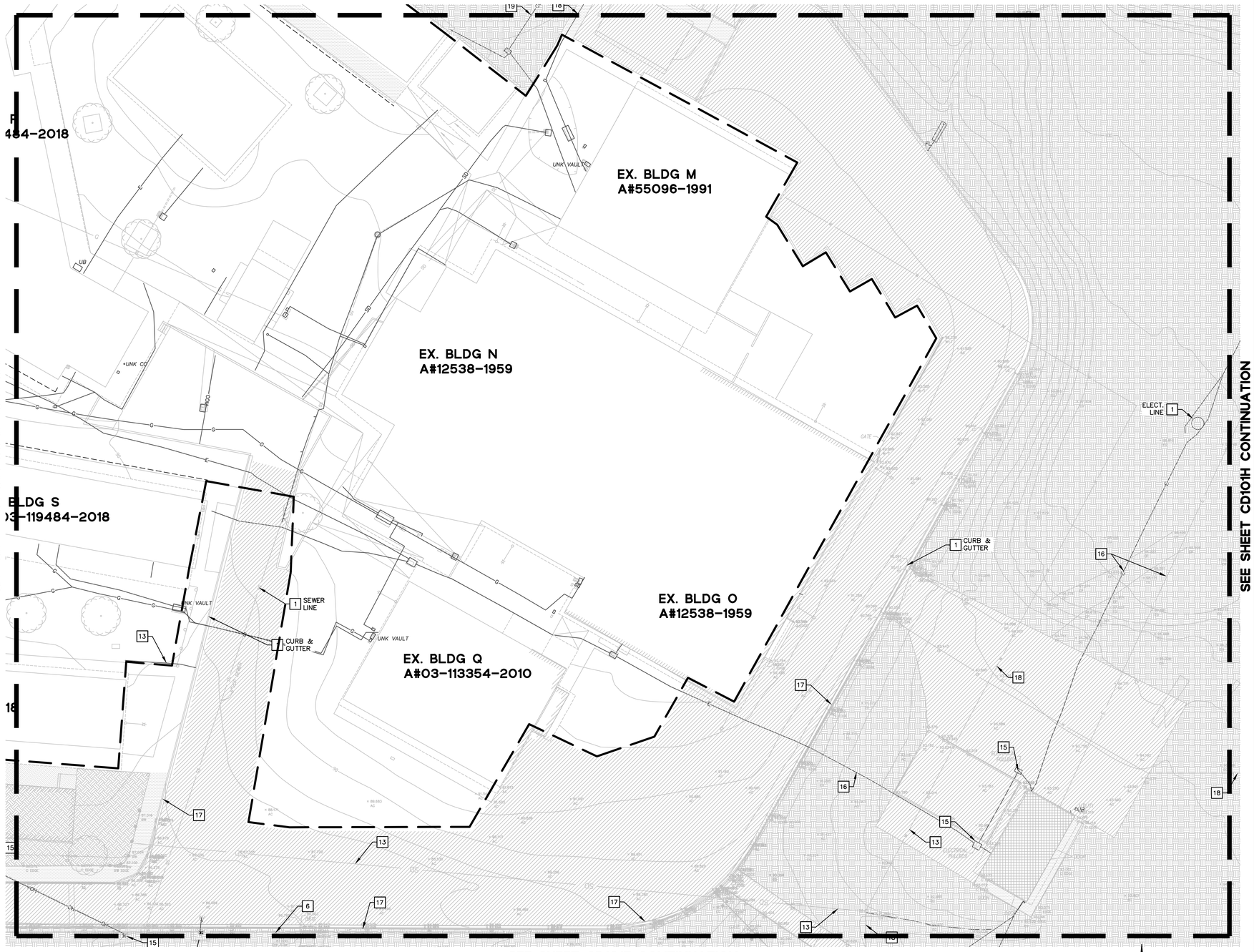

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DEMOLITION NOTES

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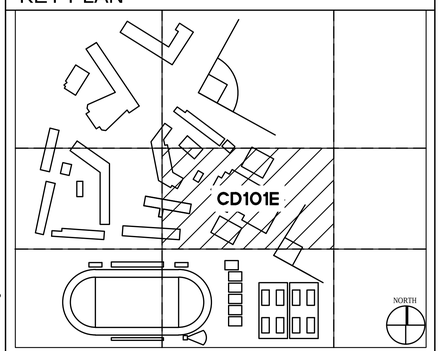

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MANAGEMENT

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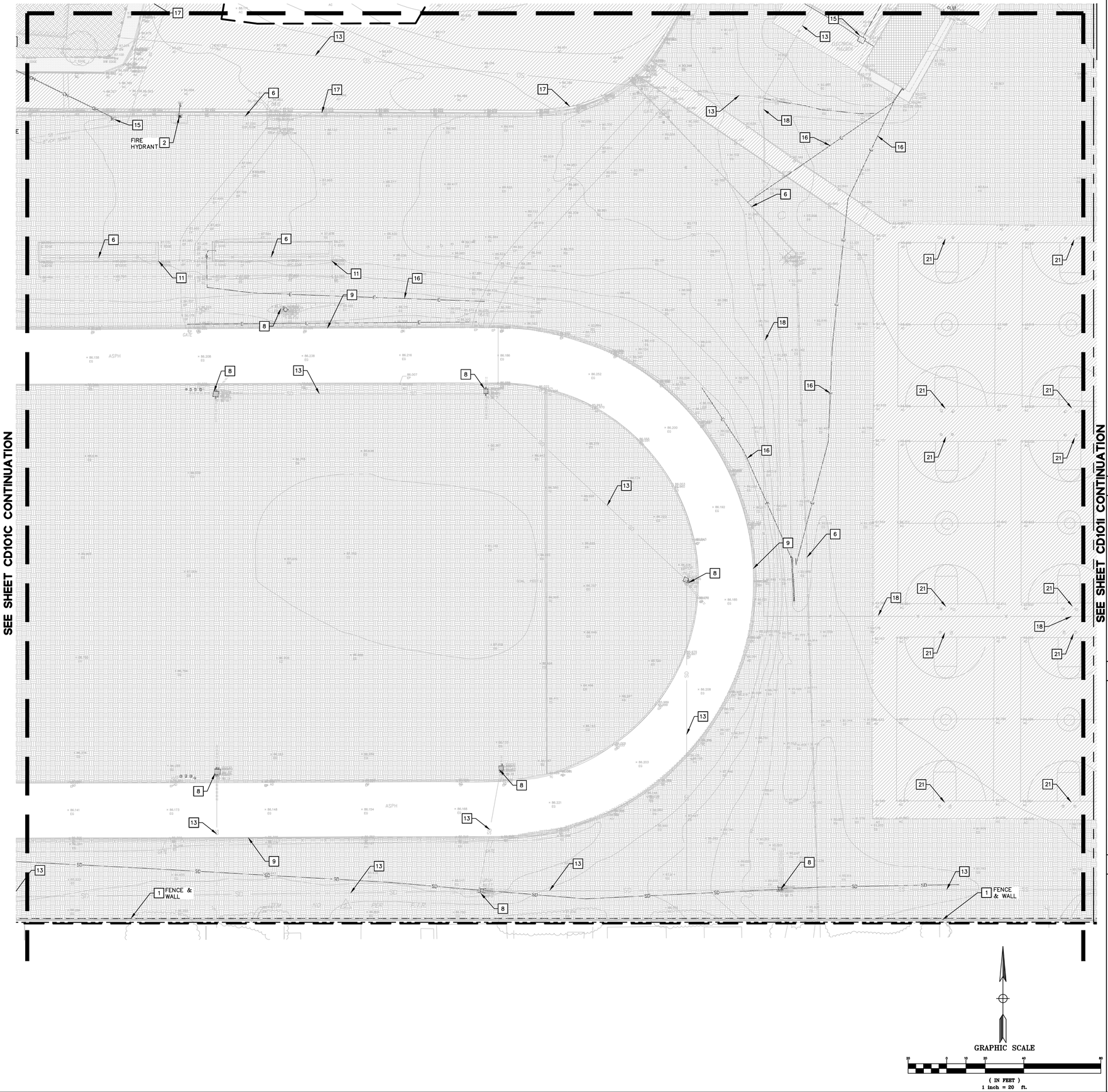
SEE SHEET CD101E CONTINUATION



SEE SHEET CD101C CONTINUATION

SEE SHEET CD101I CONTINUATION

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

GENERAL NOTES

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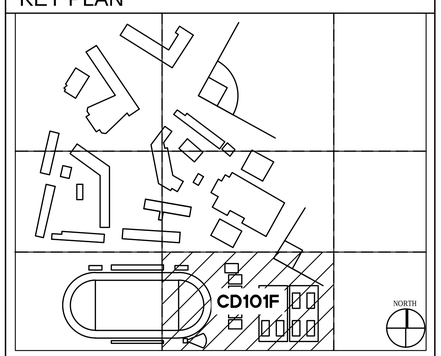

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MARK	DATE	DESCRIPTION
	10/23/2020	DSA SUBMITTAL
	10/23/2020	DSA RACKOUT CK

MANAGEMENT

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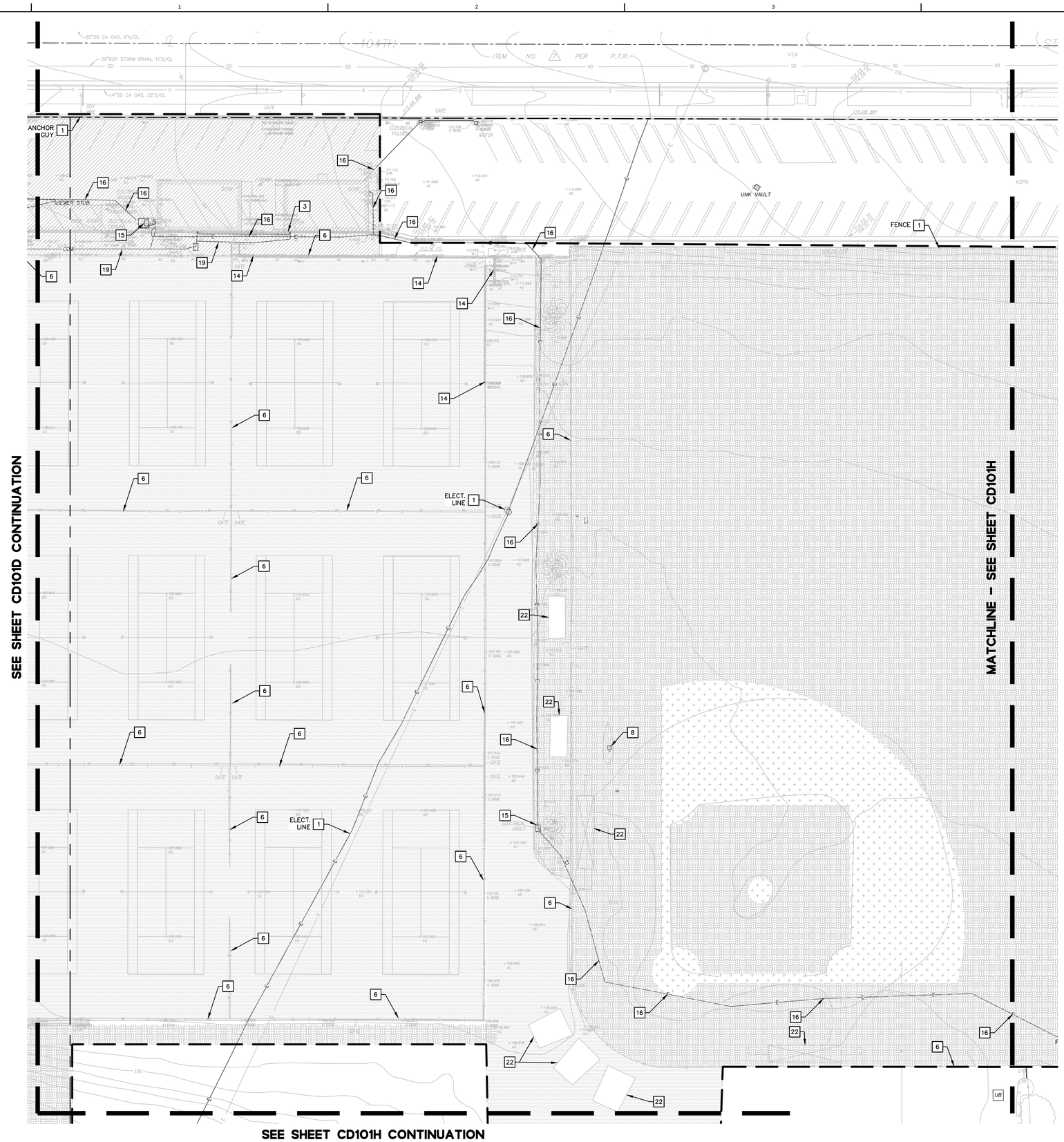

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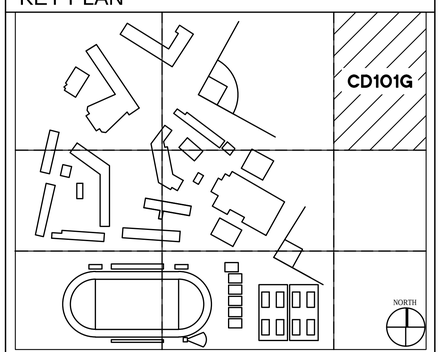
KEY PLAN



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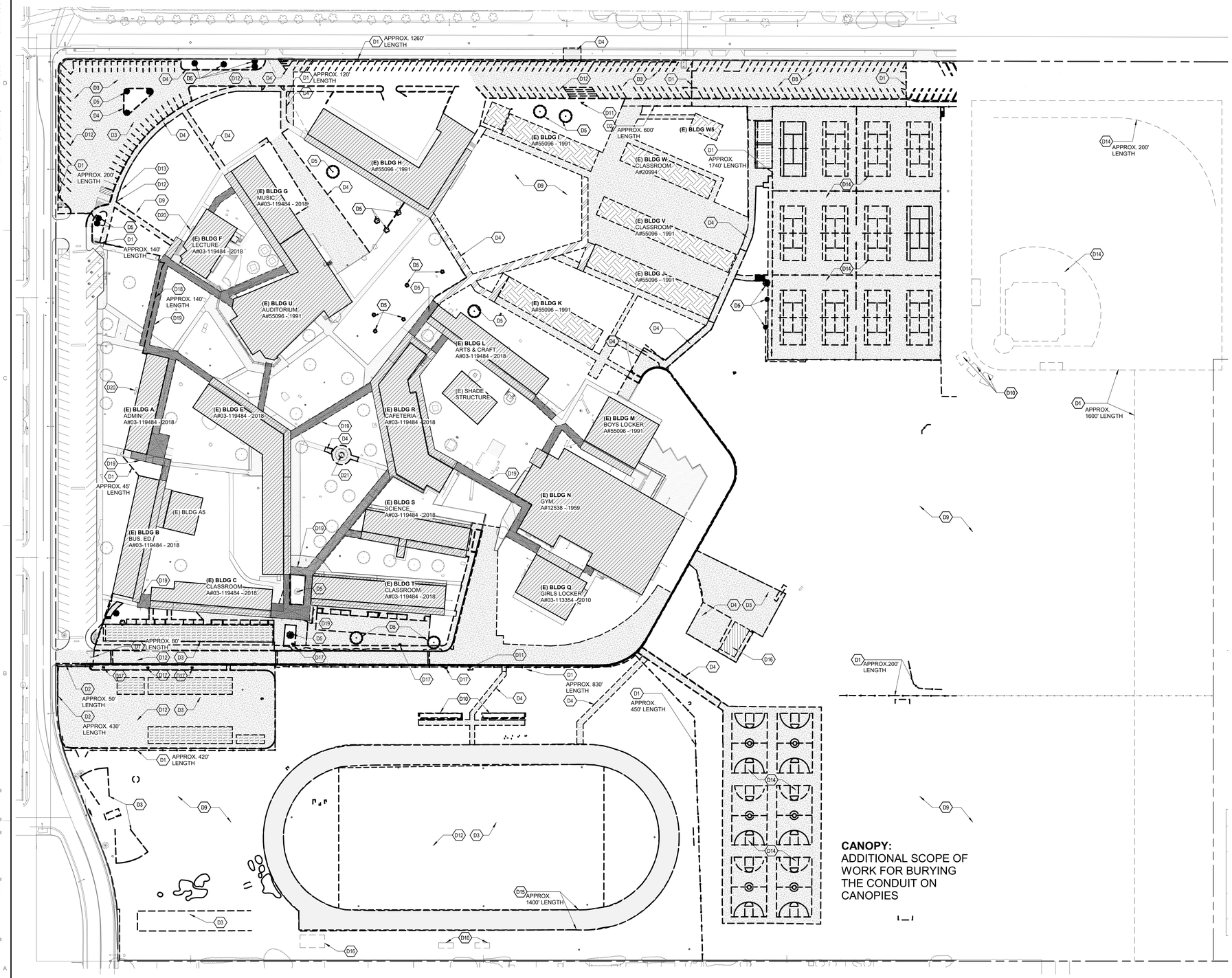

1 SITE PLAN - OVERALL DEMO
SCALE 1" = 60'-0"

NORTH

GENERAL NOTES

1. SEE CIVIL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION, INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILTIES, PAVING, GRADING, ETC.
2. CONTRACTOR SHALL DEMO & TRANSPORT OFF SITE ANY PAVING, CONCRETE, LANDSCAPE, TREES & ROOT, PORTALBE BUILDING FOUNDATIONS AND OTHER SITE MATERIAL AS REQUIRED TO PERFORM NEW WORK.
3. CONTRACTOR SHALL PATCH/REPAIR ALL ADJACENT AREAS AFFECTED BY DEMOLITION WORK AS REQUIRED TO MATCH EXISTING CONDITIONS.
4. ALL AREAS ON DEMOLITION PLAN ARE FOR REFERENCE ONLY. CONTRACTOR IS EXPECTED TO FIELD VEIRFY ALL AREAS TO DETERMIND SPECIFIC SCOPE FOR EACH ITEMS.
5. ALL SAFEGUARDS MUST BE ADHERED TO DURING CONSTRUCTION AND DEMOLITION PER CDC CHAPTER 33 AND CFC.
6. SEE ELECTRICAL DRAWINGS FOR DEMO SCOPE AT CANOPIES
7. SEE OTHER DISCIPLINES FOR ADDITIONAL DEMOLITION SCOPE NOT NOTED HERE.

SITE PLAN DEMO LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- (E) CLASSROOM BUILDING
- (E) BUILDING OVERHANG
- (E) CANOPY: ROOF BOARD, FASCIA, GUTTER, DOWNSPOUT, INSULATION, & WOOD TO BE DEMOLISHED DOWN TO METAL DECKING; METAL DECKING, AND STRUCTURE TO BE PROTECTED IN PLACE; TYP.
- HARDSCAPE TO BE DEMOLISHED
- (E) CLASSROOM BUILDING TO BE DEMOLISHED
- (E) CANOPY STRUCTURE AND CONC. WALK TO BE DEMOLISHED
- (E) CLASSROOM BUILDING TO BE RELOCATED PER OWNER'S INSTRUCTION

SHEET KEYNOTES

D1 (E) CHAINLINK FENCE AND/OR GATE TO BE REMOVED. SEE PLAN FOR EXTENTS. PREP GROUND TO RECEIVE NEW GRADING.

D2 (E) ORNAMENTAL FENCE AND/OR GATE TO BE REMOVED. PREP GROUND TO RECEIVE NEW GRADING.

D3 (E) FLATWORKS TO BE REMOVED.

D4 (E) CONCRETE PAVING TO BE REMOVED. SEE CIVIL DWGS.

D5 (E) TREE/SHRUB TO BE REMOVED. SEE LANDSCAPE DWGS.

D9 (E) TURF TO BE REMOVED. SEE LANDSCAPE DWGS.

D10 (E) BLEACHER TO BE REMOVED.

D11 (E) FIRE HYDRANT TO BE REMOVEd AND SALVAGE. SEE CIVIL DWGS.

D12 (E) ASPHALT PAVING TO BE REMOVED.

D13 (E) SIGNAGE AND FOOTING TO BE REMOVED AND SALVAGED.

D14 (E) SPORT COURT BE REMOVED.

D15 (E) CHAINLINK FENCE AND SCREEN TO BE REMOVED. SEE PLAN FOR EXTENTS. PREP GROUND TO RECEIVE NEW GRADING.

D16 (E) BUILDING TO BE REMOVED.

D17 (E) LIGHT POLE AND FIXTURE TO BE DISCONNECTED AND REMOVED. SEE ELECTRICAL DWGS.

D18 (E) ORAMENTAL FENCE AND/OR GATE TO BE REMOVED. (E) STRUCTURAL POSTS TO BE PROTECTED IN PLACE.

D19 (E) CANOPY: ROOD BOARD, FASCIA, GUTTER, & DOWNSPOUT TO BE REMOVED. INSULATION, METAL DECKING, AND STRUCTURE TO BE PROTECTED IN PLACE. PATCH AND REPAIR AS NEEDED.

D20 (E) NON-ELECTRONIC, FREE-STANDING MARQUEE TO BE REMOVED.

D21 (E) TREE/SHRUB TO BE PROTECTED IN PLACE. SEE LANDSCAPE DWGS.

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INGLEWOOD UNIFIED SCHOOL DISTRICT 1888

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SEAL
LICENSED ARCHITECT STEVEN KENDRICK C14099 REN 09-30-21 STATE OF CALIFORNIA

PROJECT
MORNINGSIDE HIGH SCHOOL SITE UPGRADE

10500 YUKON AVE S
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301

ISSUED

MARK	DATE	DESCRIPTION
	10/23/2020	DSA SUBMITTAL

MANAGEMENT

LIONAKIS PROJECT NO: 019081
CLIENT PROJECT NO:
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TITLE
OVERALL SITE DEMOLITION PLAN

SHEET
AD101

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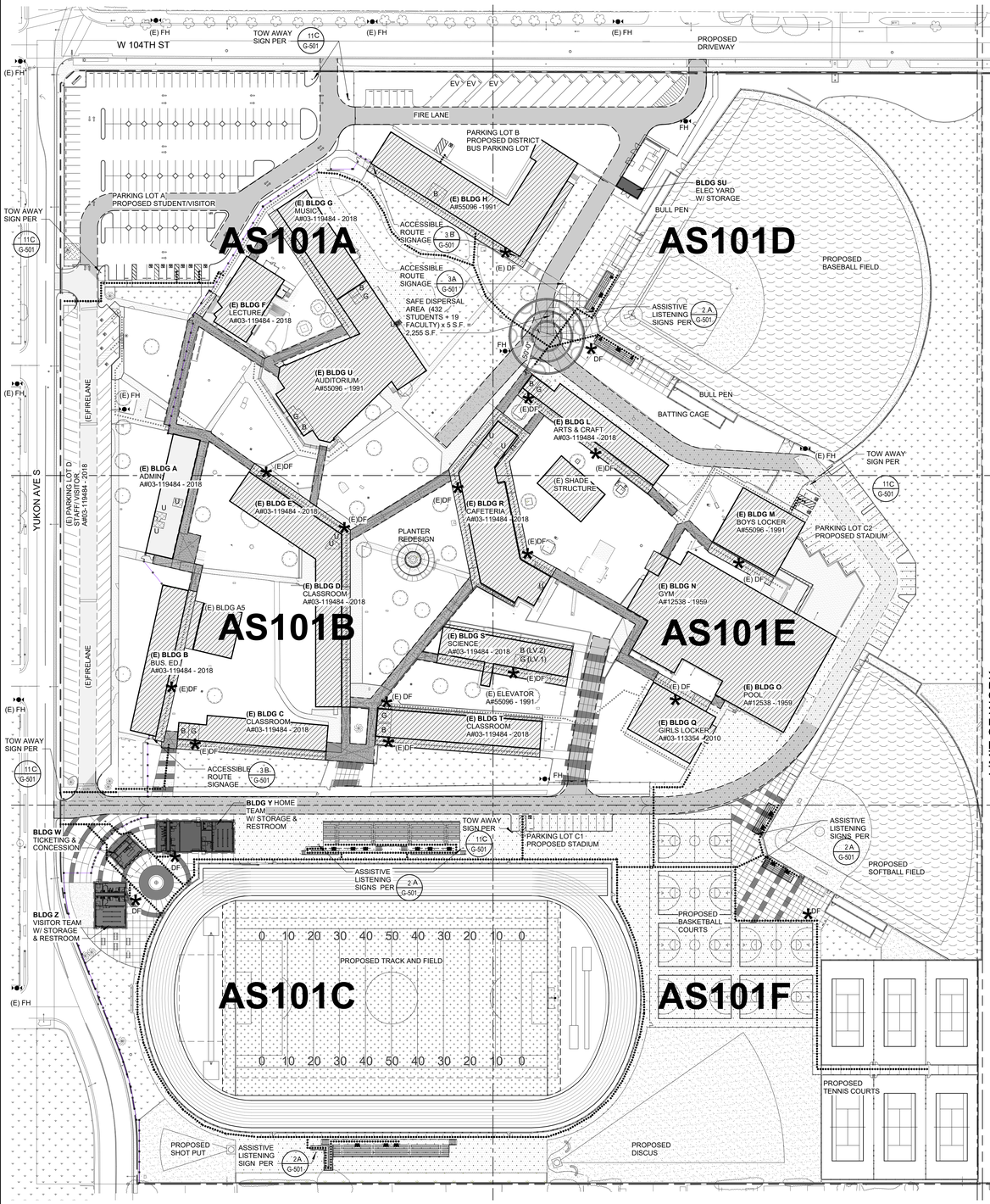


AREA G
(NOT IN ARCHITECTURAL SCOPE)

AREA H
(NOT IN ARCHITECTURAL SCOPE)

AREA I
(NOT IN ARCHITECTURAL SCOPE)

1 SITE PLAN - OVERALL
SCALE 1" = 60'-0"

NORTH

GENERAL NOTES

1. SEE HORIZONTAL CONTROL PLAN, CIVIL DRAWINGS FOR DIMENSIONS NOT OTHERWISE SHOWN ON THIS DRAWING
2. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES ALLOCATIONS.
3. SEE CIVIL AND LANDSCAPE DRAWINGS FOR ASPHALTIC & PORTLAND CEMENT CONCRETE PAVING TYPE AND SECTIONS.
4. SEE CIVIL DRAWINGS FOR LOCATION OF ALL UNDERGROUND UTILITIES.
5. SEE PLUMBING SHEETS FOR ALL ROUTING OF ALL UNDERGROUND GAS LINES AND ROOF DRAINAGE CONNECTION POINTS TO STORM DRAINAGE SYSTEM, WATER, AND SEWER LINES SHOWN ON CIVIL DRAWINGS.
6. SEE ELECTRICAL DRAWINGS FOR LOCATION AND TYPES OF VARIOUS POWER AND SIGNAL PULL BOXES AND LIGHT FIXTURES.
7. SEE CIVIL DRAWINGS FOR TYPICAL PAVEMENT STRIPING, SYMBOLS, ETC., UNO.
8. SEE SHEET AS101 FOR ACCESSIBLE PATH OF TRAVEL.
9. SEE SHEET G-101 FOR EMERGENCY VEHICLE ACCESS & HYDRANTS.
10. SEE LANDSCAPE DRAWINGS FOR SPORT FIELDS.
11. SEE SHEET AS401 FOR GATE SCHEDULE, SEE AS501-505 FOR GATE DETAILS

SITE PLAN LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY, SEE CANOPY DETAILS SHEET AS503, AS504
- SAFE DISPERSAL AREA: 5 SF/PERSON MIN 50'-0" FROM ANY BUILDING
- FH — FIRE HYDRANT
- ORNAMENTAL FENCE
- CHAIN LINK FENCE
- DF — HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLING STATION
- (E) FIRE TRUCK ACCESS ROAD
- FIRELANE — 20' BARRIER-FREE FIRE TRUCK ACCESS ROAD

  EMERGENCY FIRE TRUCK ACCESS PATH OF TRAVEL, ROUTE WITH A MINIMUM OF 20' WIDE BY 15'-6" VERTICAL CLEARANCE WITH 50' INSIDE TURNING RADIUS AND AN ADDITIONAL 2' OF WIDTH PROVIDED TO ALLOW FOR CLEARANCE OF APPARATUS BUMPER OVERHANG, TYP. VEHICLE BARRIERS SUCH AS GATES PROVIDED WITH A KNOX BOX AT CAMPUS ENTRY POINTS.
- (E) PATH OF TRAVEL (A#03-119484 - 2018)
- PATH OF TRAVEL :

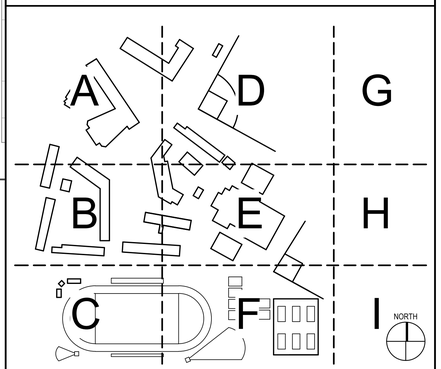
"**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT**: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICATBLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR **PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS**. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAS BEEN IDENTIFIED AND 2) THE DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND RESONABLE CONSTRUCTION TOLERANCES, TEHY SHALL BE BOUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF OF CONSTRUCTION CHANGE DOCUMENT."

PARKING COUNT SUMMARY

PARKING LOT #	NON ACCESSIBLE SPACES	ACCESSIBLE SPACES PROVIDED	ACCESSIBLE SPACES REQUIRED	VAN SPACES PROVIDED	VAN SPACES REQUIRED	TOTAL
LOT A - STAFF/VISITOR	164	6	6	1	1	170
LOT B - BUS PARKING	6	1	1	1	1	7
LOT C1 - STADIUM PARKING	11	1	1	1	1	12
LOT C2 - STADIUM PARKING	31	2	2	1	1	33
(E) LOT D - STAFF/VISITOR (A#00-119484 - 2018)	82	3	3	1	1	86

	DESIGNATED PARKING FOR CLEAN AIR VEHICLES	NUMBER OF REQUIRED SPACES FOR DESIGNATED CLEAN AIR VEHICLE (8% OF TOTAL)	CLEAN AIR/VANPOOL/EV ACCESSIBLE SPACES AT PARKING LOT A	TOTAL PARKING SPACES
CLEAN AIR / VANPOOL/EV	25	25	TOTAL 2 (1 REGULAR, 1 VAN)	308

KEY PLAN



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CONSULTANT

SEAL
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PROJECT
MORNINGSIDE HIGH SCHOOL SITE UPGRADE

10500 YUKON AVE S
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301

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MANAGEMENT
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TITLE
OVERALL SITE PLAN

SHEET
AS101

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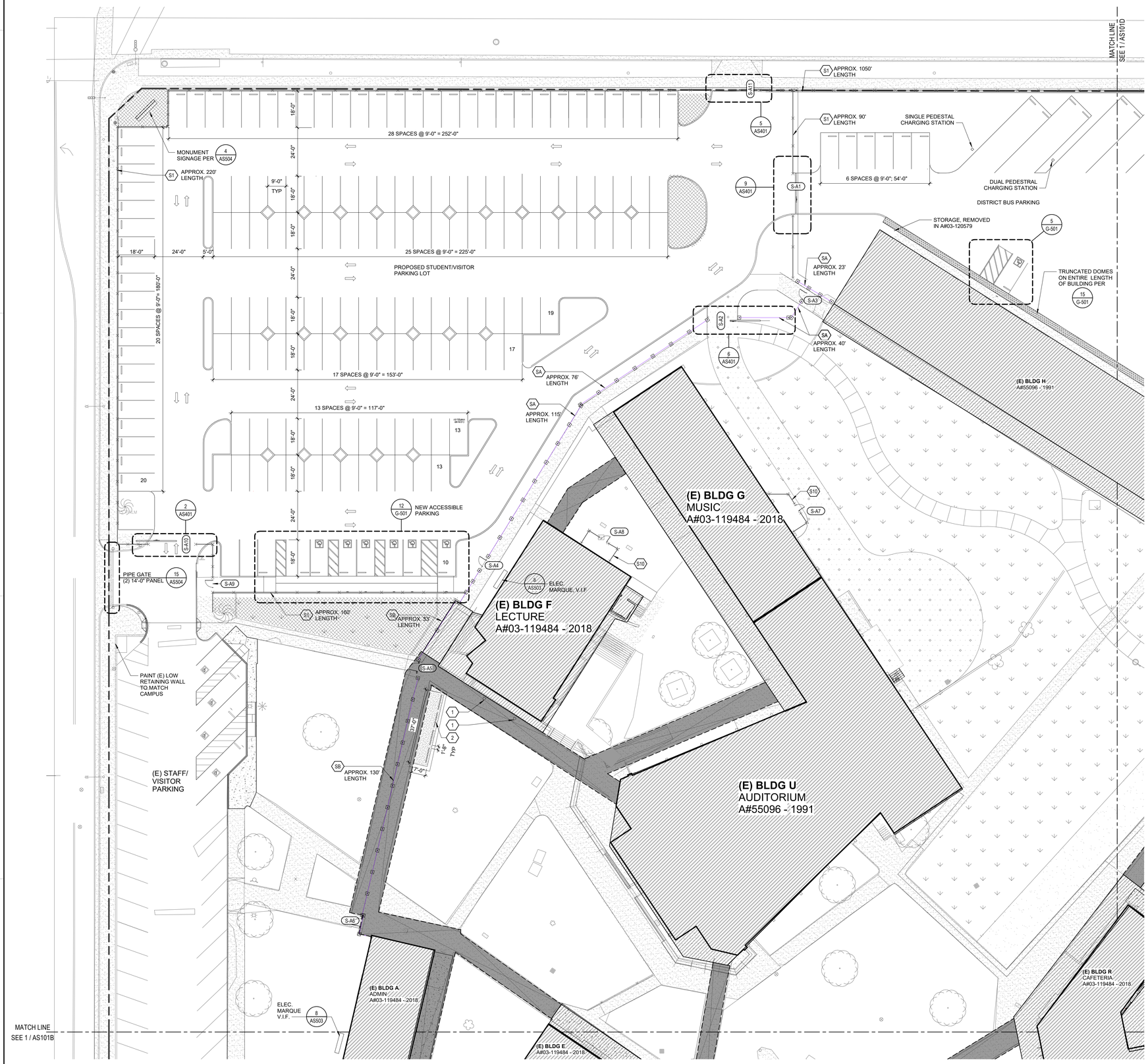

1 ENLARGED SITE PLAN - AREA A
SCALE 1" = 20'-0"

NORTH

GENERAL NOTES

1. SEE HORIZONTAL CONTROL PLAN, CIVIL DRAWINGS FOR DIMENSIONS NOT OTHERWISE SHOWN ON THIS DRAWING
2. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES ALLOCATIONS.
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8. SEE SHEET AS101 FOR ACCESSIBLE PATH OF TRAVEL.
9. SEE SHEET G-101 FOR EMERGENCY VEHICLE ACCESS & HYDRANTS.
10. SEE LANDSCAPE DRAWINGS FOR SPORT FIELDS.
11. SEE SHEET AS401 FOR GATE SCHEDULE, SEE AS501-505 FOR GATE DETAILS

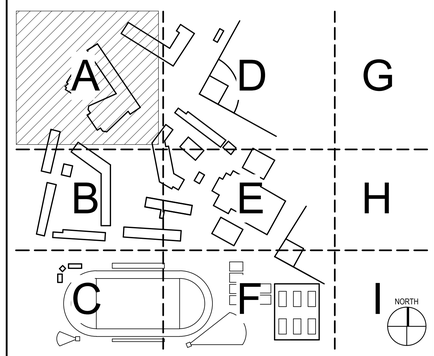
SITE PLAN LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY, SEE CANOPY DETAILS SHEET AS503
- ORNAMENTAL FENCE, SEE SHEET AS502
- CHAIN LINK FENCE, SEE SHEET AS501
- GATE, SEE GATE SCHEDULE ON AS401

SHEET KEYNOTES

1 SURFACE-MOUNTED SKATEBOARD DOCK, VIF, CONFIRM WITH DISTRICT PRIOR TO INSTALLATION.
2 BIKE RACK (7 LOOPS). SEE LANDSCAPE DWGS.
S1 CHAINLINK FENCE, 10'-0" HIGH.
S10 CHAINLINK FENCE, 6'-0" HIGH.
SA ORNAMENTAL FENCE, 10'-0" HIGH.
SB ORNAMENTAL FENCE, UNDER (E) CANOPY AND BETWEEN (E) POSTS. VIF.

KEY PLAN



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INGLEWOOD UNIFIED SCHOOL DISTRICT 1888

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CONSULTANT

SEAL
LICENSED ARCHITECT STEVEN KENDRICK C14099 REN 09-30-21 STATE OF CALIFORNIA

PROJECT
MORNINGSIDE HIGH SCHOOL SITE UPGRADE

10500 YUKON AVE S
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301

ISSUED

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MANAGEMENT

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TITLE
ENLARGED SITE PLAN - AREA A

SHEET
AS101A

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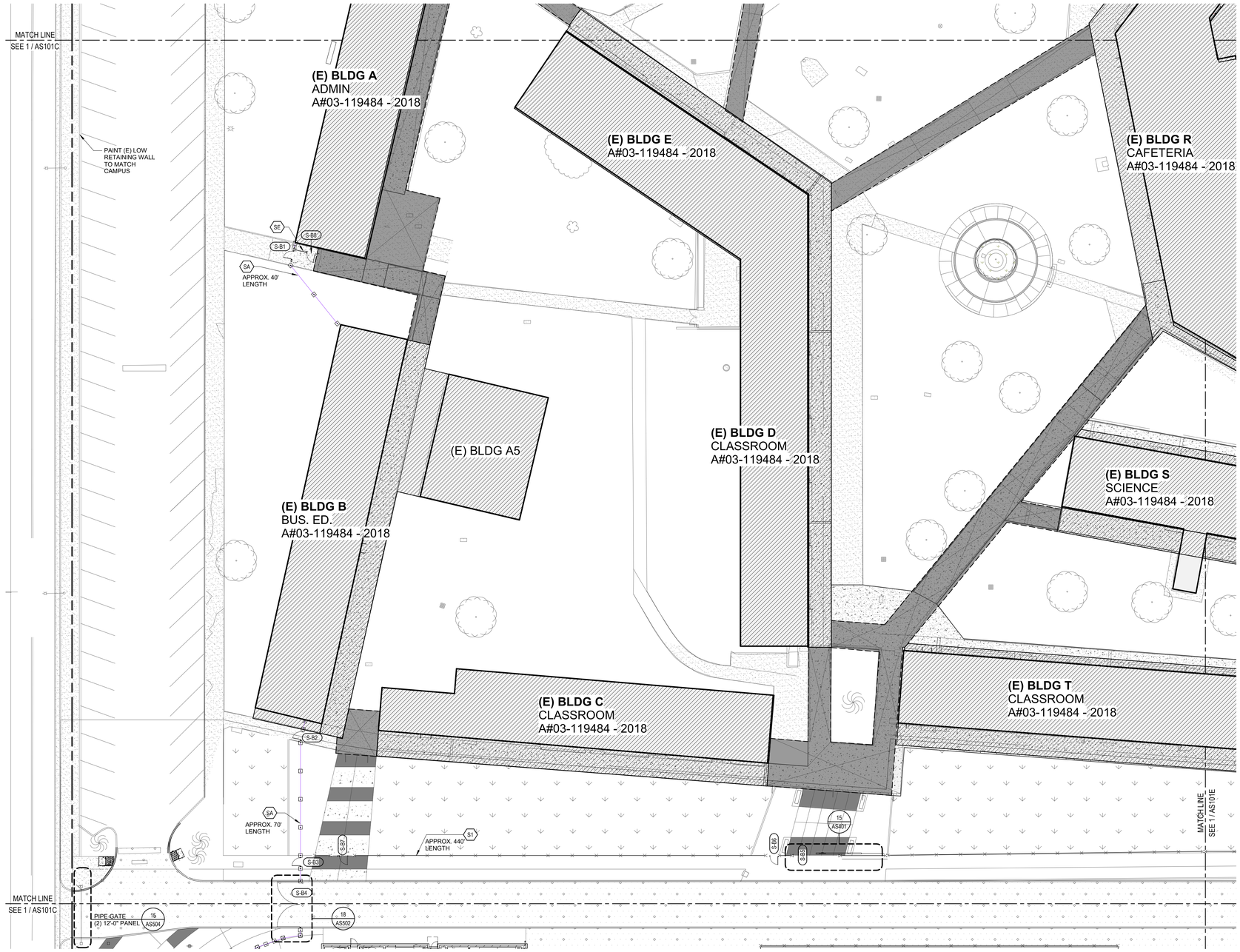

1 ENLARGE SITE PLAN - AREA B
SCALE 1" = 20'-0"

NORTH

GENERAL NOTES

1. SEE HORIZONTAL CONTROL PLAN, CIVIL DRAWINGS FOR DIMENSIONS NOT OTHERWISE SHOWN ON THIS DRAWING
2. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES ALLOCATIONS.
3. SEE CIVIL AND LANDSCAPE DRAWINGS FOR ASPHALTIC & PORTLAND CEMENT CONCRETE PAVING TYPE AND SECTIONS.
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7. SEE CIVIL DRAWINGS FOR TYPICAL PAVEMENT STRIPING, SYMBOLS, ETC., UNO.
8. SEE SHEET AS101 FOR ACCESSIBLE PATH OF TRAVEL.
9. SEE SHEET G-101 FOR EMERGENCY VEHICLE ACCESS & HYDRANTS.
10. SEE LANDSCAPE DRAWINGS FOR SPORT FIELDS.
11. SEE SHEET AS401 FOR GATE SCHEDULE, SEE AS501-505 FOR GATE DETAILS

SITE PLAN LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY, SEE CANOPY DETAILS SHEET AS503
- ORNAMENTAL FENCE, SEE SHEET AS502
- CHAIN LINK FENCE, SEE SHEET AS501
- GATE, SEE GATE SCHEDULE ON AS401 (S-A1)

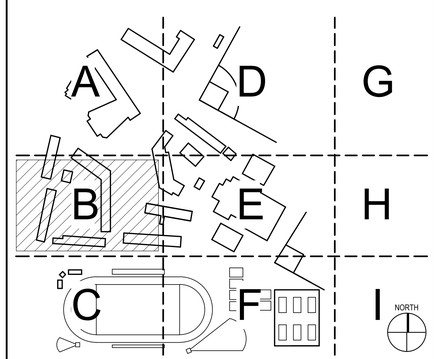
SHEET KEYNOTES

S1 CHAINLINK FENCE, 10'-0" HIGH.

SA ORNAMENTAL FENCE, 10'-0" HIGH.

SE ORNAMENTAL FENCE, 6'-0" HIGH.

KEY PLAN



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MANAGEMENT

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TITLE
ENLARGED SITE PLAN - AREA B

SHEET
AS101B

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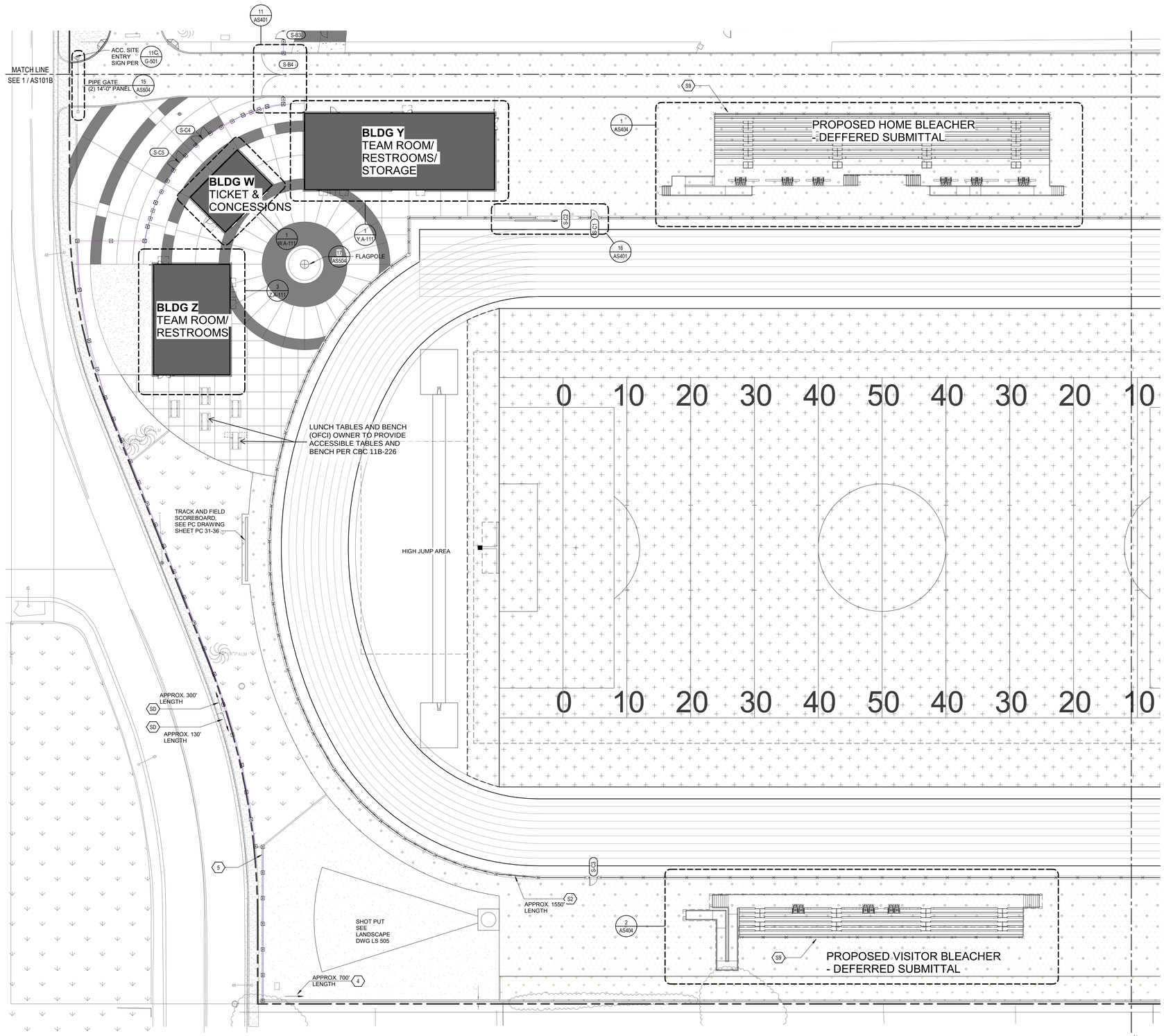

1 ENLARGED SITE PLAN - AREA C

SCALE 1" = 20'-0"

GENERAL NOTES

1. SEE HORIZONTAL CONTROL PLAN, CIVIL DRAWINGS FOR DIMENSIONS NOT OTHERWISE SHOWN ON THIS DRAWING
2. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES ALLOCATIONS.
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10. SEE LANDSCAPE DRAWINGS FOR SPORT FIELDS.
11. SEE SHEET AS401 FOR GATE SCHEDULE, SEE AS501-505 FOR GATE DETAILS

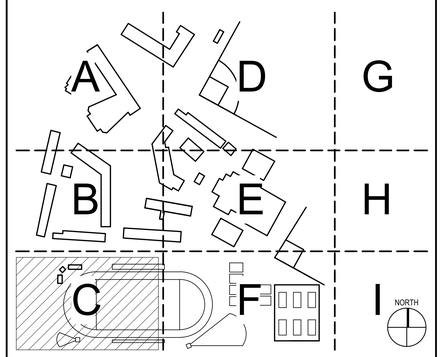
SITE PLAN LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY, SEE CANOPY DETAILS SHEET AS503
- ORNAMENTAL FENCE, SEE SHEET AS502
- CHAIN LINK FENCE, SEE SHEET AS501
- GATE, SEE GATE SCHEDULE ON AS401 (S-A1)

SHEET KEYNOTES

4	FABRIC MESH INSTALL ONTO (E) FENCE.
5	SKIM COAT (E) WALL AND REPAINT.
S2	CHAINLINK FENCE, 4'-0" HIGH.
S9	CHAINLINK FENCE ENCLOSING BACKSIDE OF BLEACHER SEATING, VIF.
SD	ORNAMENTAL FENCE, 10'-0" HIGH BEHIND (E) WALL.

KEY PLAN



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TITLE
ENLARGED SITE PLAN - AREA C

SHEET
AS101C

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MATCH LINE
SEE 1 / AS101A

17
AS401

PROPOSED DRIVEWAY
SEE CIVIL DRAWINGS

S-D20

S-D01

S1
APPROX. 560'
LENGTH

S1
APPROX. 1150'
LENGTH

BG

1
SU.A-111

S-D07

S5

120'-4"

BF

BASEBALL
SCOREBOARD, SEE
PC DRAWING SHEET
PC 11-18

S-D08

TRUNCATED DOMES
ON ENTIRE LENGTH
OF BUILDING PER
15
G-501

S5

10
AS401

S-D04

S-D05

BLDG SU

S-D03

S-D06

PROPOSED
BATTING CAGE

(E) BLDG H
A#55096 - 1991

S-D-5'

BF

1
AS402

30'-5"

BE

S-D09

S-D10

PROPOSED BLEACHER
- DEFFERED SUBMITTAL

40'-0"

BC

S-D11

PROPOSED BASEBALL FIELD
SEE LANDSCAPE DRAWING
SHEET LS501, FOR BASEBALL
FENCING, SEE
8
AS403

BE

80'-0"

BA

1
AS406

BA

BA

80'-0"

S-D12

BC

40'-0"

PROPOSED BLEACHER
- DEFFERED SUBMITTAL

S-D13

S-D14

BE

36'-6"

S-D15

2
AS402

BF

53'-6"

PROPOSED
BATTING CAGE/
BULL PEN

(E) BLDG L
ARTS & CRAFT
A#03-119484 - 2018

BF

120'-4"

S-D16

BG

(E) SHADE
STRUCTURE

MATCH LINE
SEE 1 / AS101E

NORTH

1 ENLARGED SITE PLAN - AREA D
SCALE 1" = 20'-0"

GENERAL NOTES

1. SEE HORIZONTAL CONTROL PLAN, CIVIL DRAWINGS FOR DIMENSIONS NOT OTHERWISE SHOWN ON THIS DRAWING
2. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES ALLOCATIONS.
3. SEE CIVIL AND LANDSCAPE DRAWINGS FOR ASPHALTIC & PORTLAND CEMENT CONCRETE PAVING TYPE AND SECTIONS.
4. SEE CIVIL DRAWINGS FOR LOCATION OF ALL UNDERGROUND UTILITIES.
5. SEE PLUMBING SHEETS FOR ALL ROUTING OF ALL UNDERGROUND GAS LINES AND ROOF DRAINAGE CONNECTION POINTS TO STORM DRAINAGE SYSTEM, WATER, AND SEWER LINES SHOWN ON CIVIL DRAWINGS.
6. SEE ELECTRICAL DRAWINGS FOR LOCATION AND TYPES OF VARIOUS POWER AND SIGNAL PULL BOXES AND LIGHT FIXTURES.
7. SEE CIVIL DRAWINGS FOR TYPICAL PAVEMENT STRIPING, SYMBOLS, ETC., UNO.
8. SEE SHEET AS101 FOR ACCESSIBLE PATH OF TRAVEL.
9. SEE SHEET G-101 FOR EMERGENCY VEHICLE ACCESS & HYDRANTS.
10. SEE LANDSCAPE DRAWINGS FOR SPORT FIELDS.
11. SEE SHEET AS401 FOR GATE SCHEDULE, SEE AS501-505 FOR GATE DETAILS

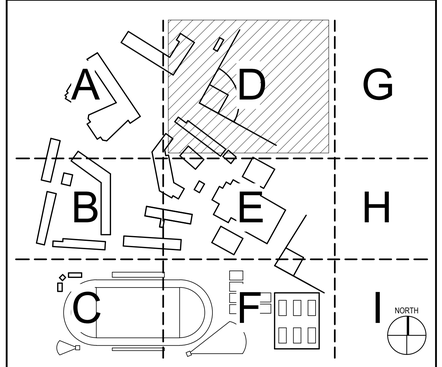
SITE PLAN LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY, SEE CANOPY DETAILS SHEET AS503
- ORNAMENTAL FENCE, SEE SHEET AS502
- CHAIN LINK FENCE, SEE SHEET AS501
- GATE, SEE GATE SCHEDULE ON AS401 (S-A01)

SHEET KEYNOTES

BA	40' HEIGHT CHAINLINK FENCE; 2" MESH X6 GUAGE BELOW 10', X9 GUAGE ABOVE 10', TOP, BOTTOM, AND 5' INTERMEDIATE RAILS. SEE SHEET AS505.
BC	40' OVERALL; 10' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL, 20 X2" SQ NYLON NETTING ABOVE. SEE SHEET AS505.
BE	23' OVERALL; 8' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL, 15 X2" SQ NYLON NETTING ABOVE. SEE SHEET AS505.
BF	8' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL.
BG	FOUL POLE.
S1	CHAINLINK FENCE, 10'-0" HIGH.
S5	CHAINLINK FENCE, 8'-0" HIGH.

KEY PLAN



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-120195 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 11/24/2020

INGLEWOOD UNIFIED SCHOOL DISTRICT

LIONÄKIS
4000 MacArthur Blvd., Suite 101
Newport Beach CA 92660
P 949.955.1919 F 949.955.9175
www.lionakis.com
CONSULTANT

SEAL
LICENSED ARCHITECT
STEVEN KENDRICK
C14099
REN 08-31-2021
STATE OF CALIFORNIA

PROJECT
MORNINGSIDE HIGH
SCHOOL SITE UPGRADE

10500 YUKON AVE S
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301

ISSUED

MARK	DATE	DESCRIPTION
	10/23/2020	DSA SUBMITTAL

MANAGEMENT

LIONAKIS PROJECT NO: 019081
CLIENT PROJECT NO:
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TITLE
ENLARGED SITE
PLAN - AREA D

SHEET
AS101D

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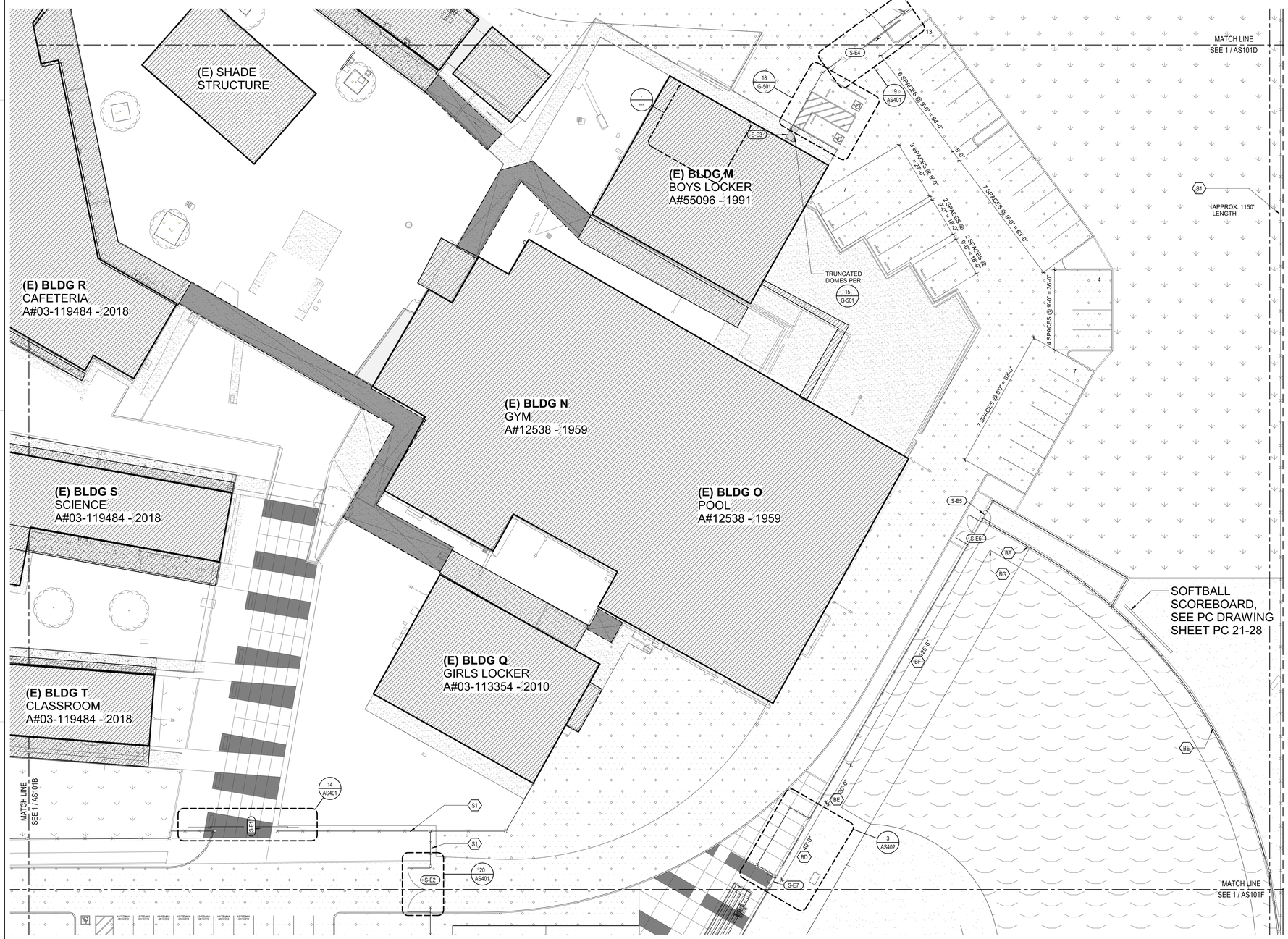
0 1/4" 1/2" 1"



1 ENLARGED SITE PLAN - AREA E
SCALE 1" = 20'-0"

GENERAL NOTES

1. SEE HORIZONTAL CONTROL PLAN, CIVIL DRAWINGS FOR DIMENSIONS NOT OTHERWISE SHOWN ON THIS DRAWING
2. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES ALLOCATIONS.
3. SEE CIVIL AND LANDSCAPE DRAWINGS FOR ASPHALTIC & PORTLAND CEMENT CONCRETE PAVING TYPE AND SECTIONS.
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9. SEE SHEET G-101 FOR EMERGENCY VEHICLE ACCESS & HYDRANTS.
10. SEE LANDSCAPE DRAWINGS FOR SPORT FIELDS.
11. SEE SHEET AS401 FOR GATE SCHEDULE, SEE AS501-505 FOR GATE DETAILS

SITE PLAN LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY, SEE CANOPY DETAILS SHEET AS503
- ORNAMENTAL FENCE, SEE SHEET AS502
- CHAIN LINK FENCE, SEE SHEET AS501
- GATE, SEE GATE SCHEDULE ON AS401 (S-A1)

SHEET KEYNOTES

BD 30' OVERALL; 10' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL, 20 X2" SQ NYLON NETTING ABOVE. SEE SHEET AS505.

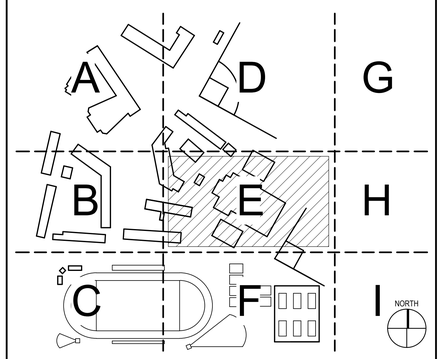
BE 23' OVERALL; 8' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL, 15 X2" SQ NYLON NETTING ABOVE. SEE SHEET AS505.

BF 8' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL.

BG FOUL POLE.

S1 CHAINLINK FENCE, 10'-0" HIGH.

KEY PLAN



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PROJECT
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10500 YUKON AVE S
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S. INGLEWOOD AVE.
INGLEWOOD, CA 90301

ISSUED

MARK	DATE	DESCRIPTION
	10/23/2020	DSA SUBMITTAL

MANAGEMENT

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TITLE
ENLARGED SITE PLAN - AREA E

SHEET
AS101E

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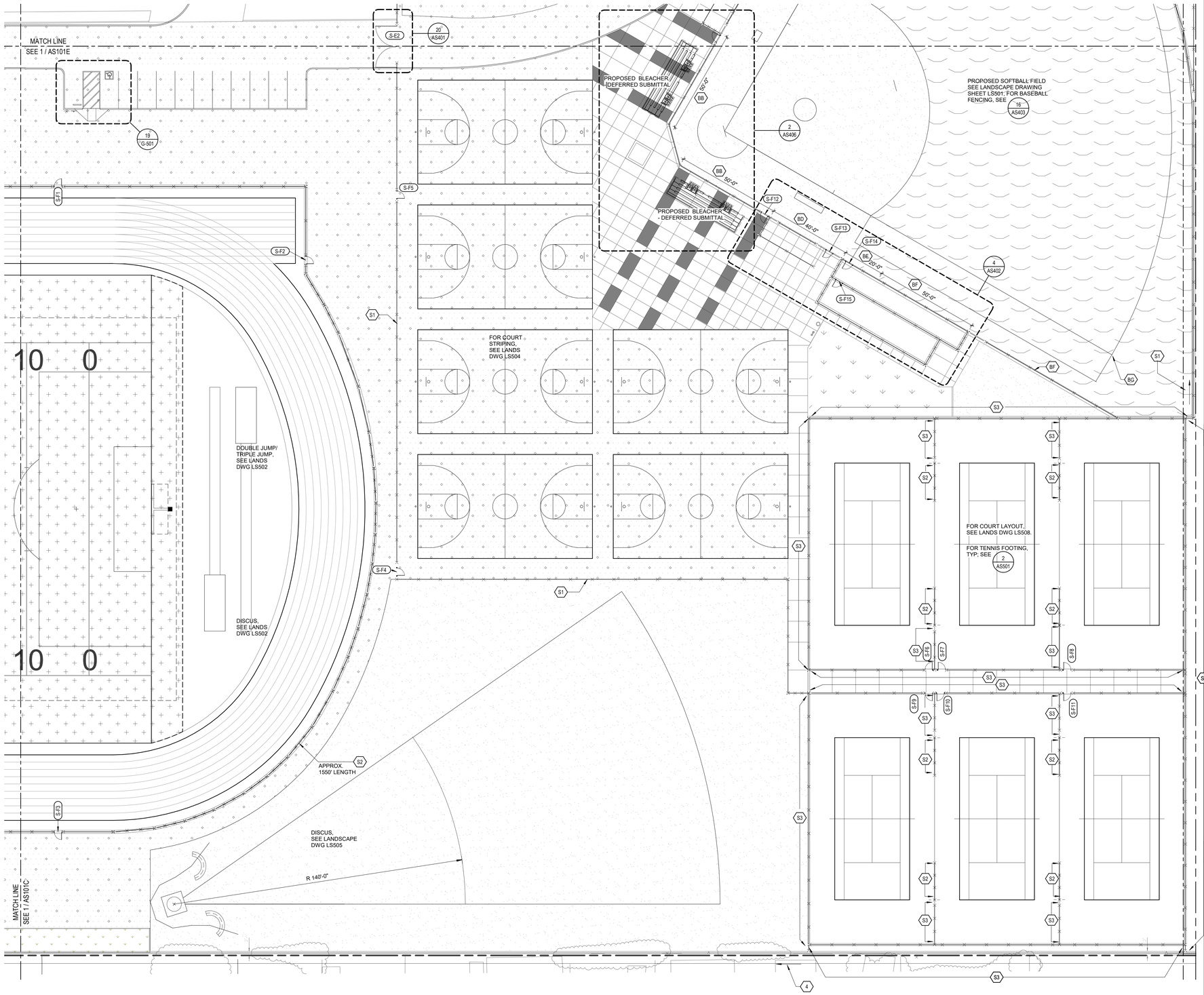

GENERAL NOTES

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SITE PLAN LEGEND

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- ASSUMED IMAGINARY LINE
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- (E) CLASSROOM BUILDING/OVERHANG WITH NO SCOPE IN THIS PROJECT
- CANOPY, SEE CANOPY DETAILS SHEET AS503
- ORNAMENTAL FENCE, SEE SHEET AS502
- CHAIN LINK FENCE, SEE SHEET AS501
- S-A1 — GATE, SEE GATE SCHEDULE ON AS401

SHEET KEYNOTES

4	FABRIC MESH INSTALL ONTO (E) FENCE.
BB	30' HEIGHT CHAINLINK FENCE; 2" MESH X6 GUAGE BELOW 10', X9 GUAGE ABOVE 10', TOP, BOTTOM, AND 5' INTERMEDIATE RAILS. SEE SHEET AS505.
BD	30' OVERALL; 10' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL, 20 X2" SQ NYLON NETTING ABOVE. SEE SHEET AS505.
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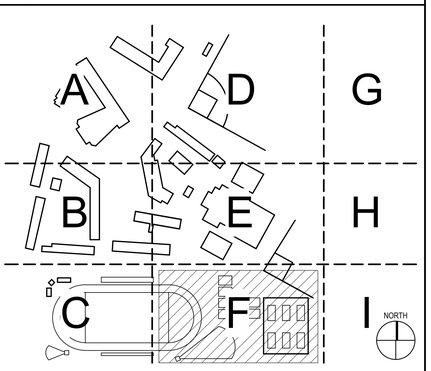
BF	8' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL.
BG	FOUL POLE.
S1	CHAINLINK FENCE, 10'-0" HIGH.
S2	CHAINLINK FENCE, 4'-0" HIGH.
S3	CHAINLINK FENCE W/ FABRIC MESH, 12'-0" HIGH.

KEY PLAN



1 ENLARGED SITE PLAN - AREA F
SCALE 1" = 20'-0"

NORTH

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MARK	DATE	DESCRIPTION
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MANAGEMENT

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CLIENT PROJECT NO:	
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TITLE
ENLARGED SITE
PLAN - AREA F

SHEET
AS101F

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INGLEWOOD UNIFIED SCHOOL DISTRICT

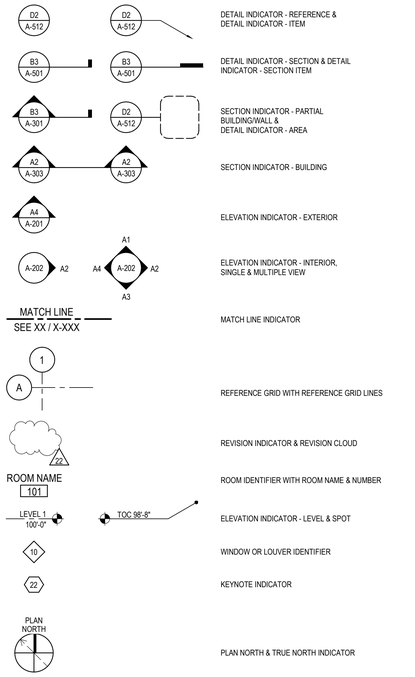
MORNINGSIDE HIGH SCHOOL

10500 YUKON AVENUE
INGLEWOOD, CA 90303

BUILDING L
NEW CONSTRUCTION

DSA SUBMITTAL SEPTEMBER 13TH, 2022

ARCHITECTURAL SYMBOLS LEGEND



- DETAIL INDICATOR - REFERENCE & DETAIL INDICATOR - ITEM
- DETAIL INDICATOR - SECTION & DETAIL INDICATOR - SECTION ITEM
- SECTION INDICATOR - PARTIAL BUILDING/WALL & DETAIL INDICATOR - AREA
- SECTION INDICATOR - BUILDING
- ELEVATION INDICATOR - EXTERIOR
- ELEVATION INDICATOR - INTERIOR, SINGLE & MULTIPLE VIEW
- MATCH LINE INDICATOR
- REFERENCE GRID WITH REFERENCE GRID LINES
- REVISION INDICATOR & REVISION CLOUD
- ROOM IDENTIFIER WITH ROOM NAME & NUMBER
- ELEVATION INDICATOR - LEVEL & SPOT
- WINDOW OR LOUVER IDENTIFIER
- KEYNOTE INDICATOR
- PLAN NORTH & TRUE NORTH INDICATOR

LIST OF ARCHITECTURAL ABBREVIATIONS

	SEE UNITED STATES NATIONAL CAD STANDARD FOR ANY ABBREVIATIONS NOT LISTED BELOW.
&	AND
@	AT
(E)	EXISTING
'	FOOT, FEET
"	INCH(ES)
#	NUMBER
ALUM	ALUMINUM
ARCH	ARCHITECTURAL
A/C UNIT	AIR CONDITIONING UNIT
A/E	ARCHITECT / ENGINEER
AB	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ACC	ACCESSIBLE
ACS DR	ACCESS DOOR
ACS PNL	ACCESS PANEL
ACST	ACOUSTIC
AD	AREA DRAIN
ADC	AUTOMATIC DOOR CLOSER
ADO	AUTOMATIC DOOR OPERATOR
ADDL	ADDITIONAL
ADJ SHV	ADJUSTABLE SHELVING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR	AGGREGATE
AHU	AIR HANDLING UNIT
ASSY	ASSEMBLY
BD	BOARD
BKG	BACKING
BLDG	BUILDING
BM	BEAM
BM	BENCHMARK
BOT	BOTTOM
BTWN	BETWEEN
BUR	BUILT-UP ROOFING
BW	BOTH WAYS
C	CHANNEL
CAB	CABINET
CB	CATCH BASIN
CBC	CALIFORNIA BUILDING CODE
CEM	CEMENT
CEM PLAS	CEM PLASTER
CFLG	COUNTERFLASHING
CFMF	COLD-FORMED METAL FRAMING
CG	CORNER GUARD
CI	CAST IRON
CJ	CONSTRUCTION JOINT / CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONSTR	CONSTRUCTION
CONT	CONTINUE / CONTINUOUS
COTG	CLEANOUT TO GRADE
CP	CONTROL PANEL
CPT	CARPET
CRS	COLD ROLLED STEEL
CSK	COUNTER SUNK
CSWK	CASEWORK
CT	CERAMIC TILE
CTR	CENTER
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DHM	DETENTION HOLLOW METAL
DIA	DIAMETER
DIM	DIMENSION
DS	DOWNSPOUT
DSP	DRY STANDPIPE
DWG	DRAWING
DWR	DRAWER
EA	EACH
EGSB	EXTERIOR GYPSUM SHEATHING BOARD
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC / ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
EPB	ELECTRICAL PANEL BOARD
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FB	FLAT BAR
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FLG	FLOORING
FLL	FLOW LINE
FLR	FLOOR
FOC	FACE OF CONCRETE/CURB
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOW	FACE OF WALL
FP	FIREPROOF
FRP	FIBERGLASS REINFORCED PLASTIC
FT	FEET / FOOT
FTG	FOOTING
FURG	FURRING
FUT	FUTURE
G	GROUND; NATURAL GAS
GA	GAGE
GALV	GALVANIZED
GB	GRAB BAR
GI	GALVANIZED IRON
GLU LAM	GLUED LAMINATED WOOD
GYP	GYPSUM
HB	HOSE BIB
HC	HOLLOW CORE
HDBD	HARDBOARD
HDW	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
KIT	KITCHEN
L	ANGLE
LAB	LABORATORY
LAV	LAVATORY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTL	METAL
MULL	MULLION
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O/	OVER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED
OFF	OFFICE
OGL	OBSCURE GLASS
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
PAF	POWER ACTUATED FASTENER
PL	PROPERTY LINE; PLATE
PLAM	PLASTIC LAMINATE
PLB	PLUMB
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT; PAINT
PTN	PARTITION
PV	PHOTOVOLTAIC
QT	QUARRY TILE
R	RADIUS; RISER
RD	ROOF DRAIN
REBAR	REINFORCING STEEL BAR
REF	REFERENCE
REF	REFRIGERATOR
REINF	REINFORCE / REINFORCING
REQD	REQUIRED
RESIL	RESILIENT
RM	ROOM
RO	ROUGH OPENING
RWD	REDWOOD
RWL	RAIN WATER LEADER
SAD	SEE ARCHITECTURAL DRAWINGS
SATC	SUSPENDED ACOUSTICAL TILE CEILING
SB	SPLASH BLOCK
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SDST	SELF DRIVING, SELF TAPPING
SHT	SHEET
SHTHG	SHEATHING
SHV	SHELVING
SIM	SIMILAR
SLNT	SEALANT
SM	SHEET METAL
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SEWER; SERVICE SINK
SST	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP CLG	SUSPENDED CEILING
SV	SHEET VINYL
SYMM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&G	TONGUE & GROOVE
TEL	TELEPHONE
THK	THICKNESS
TMH	TOP OF MANHOLE
TMPD	TEMPERED
TO	TOP OF
TOC	TOP OF CURB
TOF	TOP OF FRAME
TOJ	TOP OF JOIST
TOM	TOP OF MASONRY
TOP	TOP OF PARAPET
TOPO	TOPOGRAPHY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TV	TELEVISION
TYP	TYPICAL
UC	UNDER COUNTER/CABINET
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
UR	URINAL
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VWC	VINYL WALL COVERING
VWF	VINYL WALL FABRIC
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WH	WATER HEATER
WO	WHERE OCCURS
WP	WORKING POINT
WPM	WATERPROOF MEMBRANE
WSCT	WAINSCOT
WT	WEIGHT
WTR	WATER
WWR	WELDED WIRE REINFORCEMENT

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES ETC. PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL NOTIFY ARCHITECT WHERE CONFLICT OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK (SECTION 4-317(C), PART 1, TITLE 24, CCR)
- CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO:
  - TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS
  - TITLE 24 CCR, PART 1 - 2019 BUILDING STANDARDS ADMINISTRATIVE CODE
  - TITLE 24 CCR, PART 2 - 2019 CALIFORNIA BUILDING CODE, VOL.1 & 2 (CBC) (2015 INTERNATIONAL BUILDING CODE, VOL. 1-2, AND 2013 CALIFORNIA AMENDMENTS)
  - TITLE 24 CCR, PART 3 - 2019 CALIFORNIA ELECTRICAL CODE (CEC) (2014 NATIONAL ELECTRICAL CODE, AND 2019 CALIFORNIA AMENDMENTS)
  - TITLE 24 CCR, PART 4 - 2019 CALIFORNIA MECHANICAL CODE (CMC) (2015 UNIFORM MECHANICAL CODE, AND 2019 CALIFORNIA AMENDMENTS)
  - TITLE 24 CCR, PART 5 - 2019 CALIFORNIA PLUMBING CODE (CPC) (2015 UNIFORM PLUMBING CODE, AND 2013 CALIFORNIA AMENDMENTS)
  - TITLE 24 CCR, PART 6 - 2019 CALIFORNIA ENERGY CODE
  - TITLE 24 CCR, PART 8 - 2019 CALIFORNIA HISTORICAL BUILDING CODE
  - TITLE 24 CCR, PART 9 - 2019 CALIFORNIA FIRE CODE (CFC) (2015 INTERNATIONAL FIRE CODE, AND 2016 CALIFORNIA AMENDMENTS)
  - TITLE 24 CCR, PART 10 - 2019 CALIFORNIA EXISTING BUILDING CODE
  - TITLE 24 CCR, PART 11 - 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
  - TITLE 24 CCR, PART 12 - 2019 CALIFORNIA REFERENCED STANDARDS
  - 2013 ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS W/ A17.1A/CSA B44A-13 ADDENDA)
  - 2018 NFPA 10 STANDARD FOR PORTABLE FIRE EXTINGUISHERS
  - 2019 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED)
  - 2016 UL 464, AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES
  - CFC CH 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION
- A "DSA CERTIFIED" CLASS 1 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK.THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- ALL WORK SHALL CONFORM TO THE 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS.
- ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

PROJECT DIRECTORY

OWNER
INGLEWOOD UNIFIED SCHOOL DISTRICT
401 SOUTH INGLEWOOD AVE.
INGLEWOOD, CA 90301

CIVIL ENGINEER
BKF ENGINEERS
9675 MACARTHUR CT., SUITE 400
NEWPORT BEACH, CA 92660
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ARCHITECT
LIONAKIS
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NEWPORT BEACH, CA 92660
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EMAIL: STEVEN.KENDRICK@LIONAKIS.COM

STRUCTURAL ENGINEER
LIONAKIS
4000 MACARTHUR BLVD., SUITE 101
NEWPORT BEACH, CA 92660
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EMAIL: LUCAS.JOLLY@LIONAKIS.COM

OWNER REPRESENTATIVE
CORDOBA CORPORATION
1401 NORTH BROADWAY
LOS ANGELES, CA 90012
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EMAIL: SPULCIFER@CORDOBACORP.COM

LANDSCAPE ENGINEER
NUVIS
20250 SW ACACIA STREET, SUITE 260
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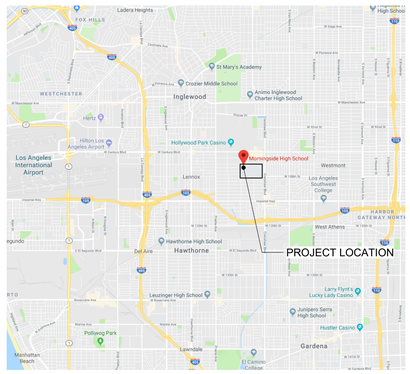
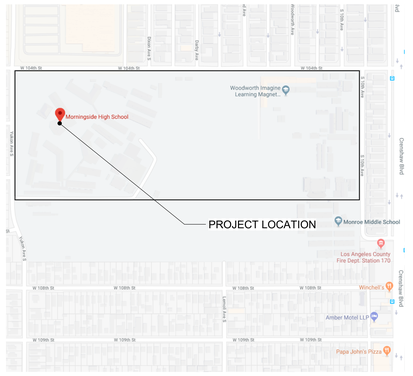
EMAIL: BVOLLER@TK1SC

TECHNOLOGY
VANTAGE TECHNOLOGY CONSULTING GROUP
201 CONTINENTAL BLVD SUITE 120
EL SEGUNDO, CA 90245
CONTACT: MICHAEL DANNENBERG
PHONE: 310.536.7676
EMAIL: MICHAEL.DANNENBERG@VANTAGETCG.COM

LOCATION MAP



VICINITY MAP



SCOPE OF PROJECT

NEW CONSTRUCTION AT MORNINGSIDE HIGH SCHOOL, AN EXISTING SCHOOL CAMPUS IN INGLEWOOD, CA.

NEW LUNCH SHELTER AND COURTYARD SITE GRADING WORK.

DEMOLITION OF AN EXISTING BUILDING AND REPLACED WITH NEW 4 CLASSROOM BUILDING WITH NEW RESTROOMS.

PROJECT DATA

1. CONSTRUCTION OF NEW 1-STORY CLASSROOM AND RESTROOM BUILDING L.
2. ASSOCIATED SITE IMPROVEMENTS INCLUDING NEW LUNCH SHELTERS.

DEFERRED SUBMITTALS

N/A

ARCHITECT'S STATEMENT

DSA APPLICATION NO. 03-122468 FILE NO. 19-H36

THE CIVIL, ELECTRICAL, LANDSCAPE, AND OTHER LISTED DRAWINGS IN THE SHEET INDEX AND SPECIFICATIONS HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR THE DESIGN INTENT AND APPEAR TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND PROJECT SPECIFICATIONS PREPARED BY ME AND COORDINATION WITH MY PLANS AND SPECIFICATIONS IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344" OF TITLE 24, PART 1. (TITLE 24, PART 1, SECTION 4-317 (b))

I FIND THAT: ☐ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET ☐ THIS DRAWING OR PAGE

☐ IS/ARE IN GENERAL CONFORMANCE WITH PROJECT PLANS AND

☐ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS

SIGNATURE DATE

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

STEVEN KENDRICK
PRINTED NAME

C-14099 SEPT. 30, 2023
LICENSE NUMBER EXPIRATION DATE

☐ IS/ARE IN GENERAL CONFORMANCE WITH PROJECT DESIGN INTENT

☐ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS

SIGNATURE DATE

ARCHITECT OR ENGINEER DELEGATED TO BE RESPONSIBILITY FOR THIS PORTION OF THE WORK

PRINTED NAME

LICENSE NUMBER EXPIRATION DATE

SHEET IDENTIFICATION LEGEND

DISCIPLINE DESIGNATORS - LEVEL 1

- G GENERAL
- H HAZARDOUS MATERIALS
- V SURVEY/MAPPING
- B GEOTECHNICAL
- C CIVIL
- L LANDSCAPE
- S STRUCTURAL
- A ARCHITECTURAL
- I INTERIORS
- Q EQUIPMENT
- F FIRE PROTECTION
- P PLUMBING
- D PROCESS
- M MECHANICAL
- E ELECTRICAL
- W DISTRIBUTED ENERGY
- T TELECOMMUNICATIONS
- R RESOURCE
- X OTHER DISCIPLINES
- Z CONTRACTOR/SHOP DRAWINGS
- O OPERATIONS

SHEET TYPE DESIGNATORS

- 0 - GENERAL
- 1 - PLANS
- 2 - ELEVATIONS
- 3 - SECTIONS
- 4 - LARGE SCALE VIEWS
- 5 - DETAILS
- 6 - SCHEDULES & DIAGRAMS
- 7 - USER DEFINED
- 8 - USER DEFINED
- 9 - 3D REPRESENTATIONS

C.A-123AB

- BUILDING IDENTIFIER - WHERE OCCURS
- DISCIPLINE DESIGNATOR - LEVEL 1
- DISCIPLINE DESIGNATOR - LEVEL 2 REPLACE DASH WHERE OCCURS
- SHEET TYPE DESIGNATOR
- SHEET TYPE SUBSET DESIGNATOR
- LEVEL/SEQUENCE DESIGNATOR
- AREA IDENTIFIER - WHERE OCCURS
- UNIQUE PORTION IDENTIFIER - WHERE OCCURS

LIONÄKIS

4000 MacArthur Blvd., Suite 101
Newport Beach CA 92660
P 949.955.1919 F 949.955.9175
www.lionakis.com

CONSULTANT

SEAL

LICENSED ARCHITECT STEVEN KENDRICK C14099 REN 09-30-23 STATE OF CALIFORNIA

PROJECT

BUILDING L

10500 YUKON AVENUE
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S INGLEWOOD AVENUE
INGLEWOOD CA, 90301

ISSUED

MARK	DATE	DESCRIPTION

MANAGEMENT

LIONAKIS PROJECT NO:	018083
CLIENT PROJECT NO:	700.00.007
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TITLE

COVER SHEET

SHEET

G-001

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2"
1"
0 1/4" 1/2"
IF THIS SHEET IS NOT 30"x42". IT IS A REDUCED PRINT - SCALE ACCORDINGLY

SHEET INDEX

GENERAL

G-001	COVER SHEET
G-002	SHEET INDEX
GL101	OVERALL SITE PLAN - FIRE LIFE SAFETY & ACCESSIBILITY PLAN
GL111	LIFE SAFETY FLOOR PLAN - OVERALL
G-511	ACCESSIBILITY REQUIREMENTS
G-512	ACCESSIBILITY REQUIREMENTS
G-513	ACCESSIBILITY SIGNAGE STANDARDS AND DETAILS
G-514	PLUMBING ACCESSIBILITY DETAILS

GENERAL SHEET COUNT: 8

CIVIL

CE101	OVERALL TOPOGRAPHIC SURVEY
CE101E	TOPOGRAPHIC SURVEY
CD101	OVERALL DEMOLITION PLAN
CD101E	DEMOLITION PLAN
CG101	OVERALL GRADING PLAN
CG101E	GRADING PLAN
CP101	OVERALL PAVEMENT PLAN
CP101E	PAVEMENT & HORIZONTAL CONTROL PLAN
CU101	OVERALL UTILITY PLAN
CU101E	UTILITY PLAN
CC101	EROSION CONTROL PLAN
C501	GRADING SECTIONS
C502	CONSTRUCTION DETAILS
C503	CONSTRUCTION DETAILS

CIVIL SHEET COUNT: 14

LANDSCAPE

L-100	LANDSCAPE CONSTRUCTION PLAN
L-101	LANDSCAPE CONSTRUCTION NOTES & DETAILS
L-200	IRRIGATION PLAN
L-201	IRRIGATION LEGENDS & NOTES
L-202	IRRIGATION DETAILS
L-203	IRRIGATION DETAILS
L-204	IRRIGATION DETAILS
L-205	IRRIGATION CALCULATIONS
L-206	IRRIGATION NOTES
L-300	LANDSCAPE PLANTING PLAN
L-301	LANDSCAPE PLANTING LEGEND, NOTES & DETAILS
LS1.0	GENERAL INFO
LS1.1	DSA 103
LS2.0	20' WIDE RECTANGULAR GABLE FOUNDATION PLAN
LS2.1	20' WIDE RECTANGULAR GABLE FRAMING & CONNECTION DETAILS
LS2.2	20' WIDE RECTANGULAR GABLE MULTI RIB ROOFING PLAN
LS2.3	20' WIDE RECTANGULAR GABLE MEGA RIB ROOFING PLAN
LS2.4	20' WIDE RECTANGULAR GABLE STANDING SEAM ROOFING PLAN
LS5.0	OPTIONAL ELECTRICAL ACCESS

LANDSCAPE SHEET COUNT: 19

STRUCTURAL GENERAL NOTES

S-001	GENERAL NOTES
S-011	TYPICAL NOTES
S-012	TYPICAL NOTES
S-013	TYPICAL NOTES
L.S-111	BLDG L - PLAN - FOUNDATION - LEVEL 1
L.S-132	BLDG L - PLAN - ROOF FRAMING - LEVEL 2
L.S-201	BLDG L - 3D EXTERIOR BUILDING VIEWS
L.S-311	BLDG L - SECTION - BUILDING
S-531	DETAILS - TYPICAL CONCRETE
S-532	DETAILS - TYPICAL CONCRETE
S-561	DETAILS - TYPICAL WOOD WALL
S-562	DETAILS - TYPICAL WOOD WALL
S-563	DETAILS - TYPICAL WOOD WALL
S-564	DETAILS - TYPICAL SHEAR WALL
S-565	DETAILS - TYPICAL ROOF
S-566	DETAILS - TYPICAL I-JOIST
S-568	DETAILS - TYPICAL GLB

STRUCTURAL SHEET COUNT: 17

ARCHITECTURAL

AD101	OVERALL SITE DEMOLITION PLAN
AS101	OVERALL SITE PLAN
AS401	SITE PLAN - ENLARGED
L.A-111	BLDG L - FLOOR PLAN
L.A-121	BLDG L - CEILING PLAN
L.A-131	BLDG L - ROOF PLAN
L.AF111	BLDG L - FINISH FLOOR PLAN
L.AG111	BLDG L - SIGNAGE PLAN
L.A-201	BLDG L - EXTERIOR 3D
L.A-211	BLDG L ELEVATIONS - EXTERIOR
L.A-212	BLDG L ELEVATIONS - EXTERIOR
L.A-221	BLDG L - ELEVATIONS - INTERIOR
L.A-222	BLDG L - ELEVATIONS - INTERIOR
L.A-311	BLDG L - SECTIONS - BUILDING
L.A-321	BLDG L - SECTIONS -EXTERIOR WALL
L.A-322	BLDG L - SECTIONS -EXTERIOR WALL
L.A-411	LARGE SCALE VIEWS - RESTROOMS
A-510	EXTERIOR WALL AND ROOF ASSEMBLIES
A-511	DETAILS - EXTERIOR - CEMENT PLASTER
A-512	DETAILS - EXTERIOR - PENETRATIONS
A-513	DETAILS - ROOF
A-514	DETAILS - INTERIOR
A-533	DETAILS - INT NON-STRUCT WOOD FRAMING
A-534	DETAILS - INT NON-STRUCT WOOD FRAMING
A-541	DETAILS - DOOR AND WINDOW
A-551	DETAILS - CEILING
A-611	PARTITION TYPES & SCHEDULE
A-621	SCHEDULES / DIAGRAMS - DOORS
A-631	SCHEDULES / DIAGRAMS - WINDOWS
A-641	SCHEDULES AND DIAGRAMS - FINISHES

ARCHITECTURAL SHEET COUNT: 30

FIRE PROTECTION

FP-0.1	GENERAL NOTES
FP-1.0	FIRE PROTECTION SITE PLAN
FP-1.1	SPRINKLER PIPING FLOOR PLAN
FP-2.1	SPRINKLER PIPING CEILING PLAN
FP-3.0	BUILDING SECTIONS
FP-4.0	DETAILS
FP-4.1	SEISMIC DETAIL
FP-5.0	SEISMIC CALCULATIONS

FIRE PROTECTION SHEET COUNT: 8

PLUMBING

P-001	PLUMBING LEAD SHEET
P-002	PLUMBING EQUIPMENT SCHEDULES
P-100	PLUMBING SITE PLAN
L.P-111	BLDG L - PLUMBING FLOOR PLAN
L.P-131	BUILDING L - PLUMBING ROOF PLAN
L.P-411	PLUMBING ENLARGED PLANS
P-600	PLUMBING RISER DIAGRAM
P-700	PLUMBING DETAILS

PLUMBING SHEET COUNT: 8

MECHANICAL

M-001	MECHANICAL LEAD SHEET
M-002	MECHANICAL SCHEDULES
M-511	MECHANICAL TITLE 24 COMPLIANCE FORMS
L.M-111	BLDG L - MECHANICAL FLOOR PLAN
L.M-131	BLDG L - MECHANICAL ROOF PLAN
M-541	MECHANICAL DETAILS
M-542	MECHANICAL DETAILS

MECHANICAL SHEET COUNT: 7

ELECTRICAL

E-001	ELECTRICAL SYMBOLS LIST
ES-101	OVERALL SITE PLAN
ES-102	ELECTRICAL SITE PLAN
L.E-111	BLDG L - FLOOR PLAN
L.E-121	BLDG L - CEILING PLAN
L.E-131	BLDG L - ROOF PLAN
E-511	DETAILS
E-611	SINGLE LINE DIAGRAM
E-612	PANEL SCHEDULES
E-621	TRANSFORMER SCHEDULE
E-701	LIGHTING FIXTURE SCHEDULE
E-711	DISTRIBUTED LIGHTING CONTROL SYSTEM SCHEDULE
E-721	DISTRIBUTED LIGHTING CONTROL SYSTEM SPECIFICATIONS
E-731	SEQUENCE OF OPERATIONS
E-741	TITLE 24 - INTERIOR
E-742	TITLE 24 - EXTERIOR
EFA-001	FIRE ALARM SPECIFICATIONS
EFA-002	FIRE ALARM DETAILS
EFA-003	FIRE ALARM RISER DIAGRAM AND CALCULATIONS
L.EFA-004	FIRE ALARM PLAN

ELECTRICAL SHEET COUNT: 20

A\V TECHNOLOGY

TE-000	TECHNOLOGY TITLE SHEET
TE-001	TECHNOLOGY TITLE SHEET
TE-100	TECHNOLOGY SITE PLAN
TE-200	TECHNOLOGY FLOOR PLAN (DEMO)
TE-201	TECHNOLOGY FLOOR PLAN
TE-301	TECHNOLOGY REFLECTED CEILING PLAN
TE-400	TECHNOLOGY ENLARGED FLOOR PLANS
TE-401	TECHNOLOGY ENLARGED FLOOR PLANS
TE-500	TECHNOLOGY DIAGRAMS
TE-600	TECHNOLOGY DETAILS
TE-601	TECHNOLOGY DETAILS
TE-602	TECHNOLOGY DETAILS
TE-603	TECHNOLOGY DETAILS
TE-800	TECHNOLOGY SCHEDULES

A\V TECHNOLOGY SHEET COUNT: 14

TOTAL SHEET COUNT: 145

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CONSULTANT

SEAL

LICENSED ARCHITECT
STEVEN KENDRICK
C14099
REN 09-30-22
STATE OF CALIFORNIA

PROJECT

BUILDING L

10500 YUKON AVENUE
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S INGLEWOOD AVENUE
INGLEWOOD CA, 90301

ISSUED

MARK	DATE	DESCRIPTION

MANAGEMENT

LIONAKIS PROJECT NO:	018083
CLIENT PROJECT NO:	700.00.007
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TITLE

SHEET INDEX

SHEET

G-002

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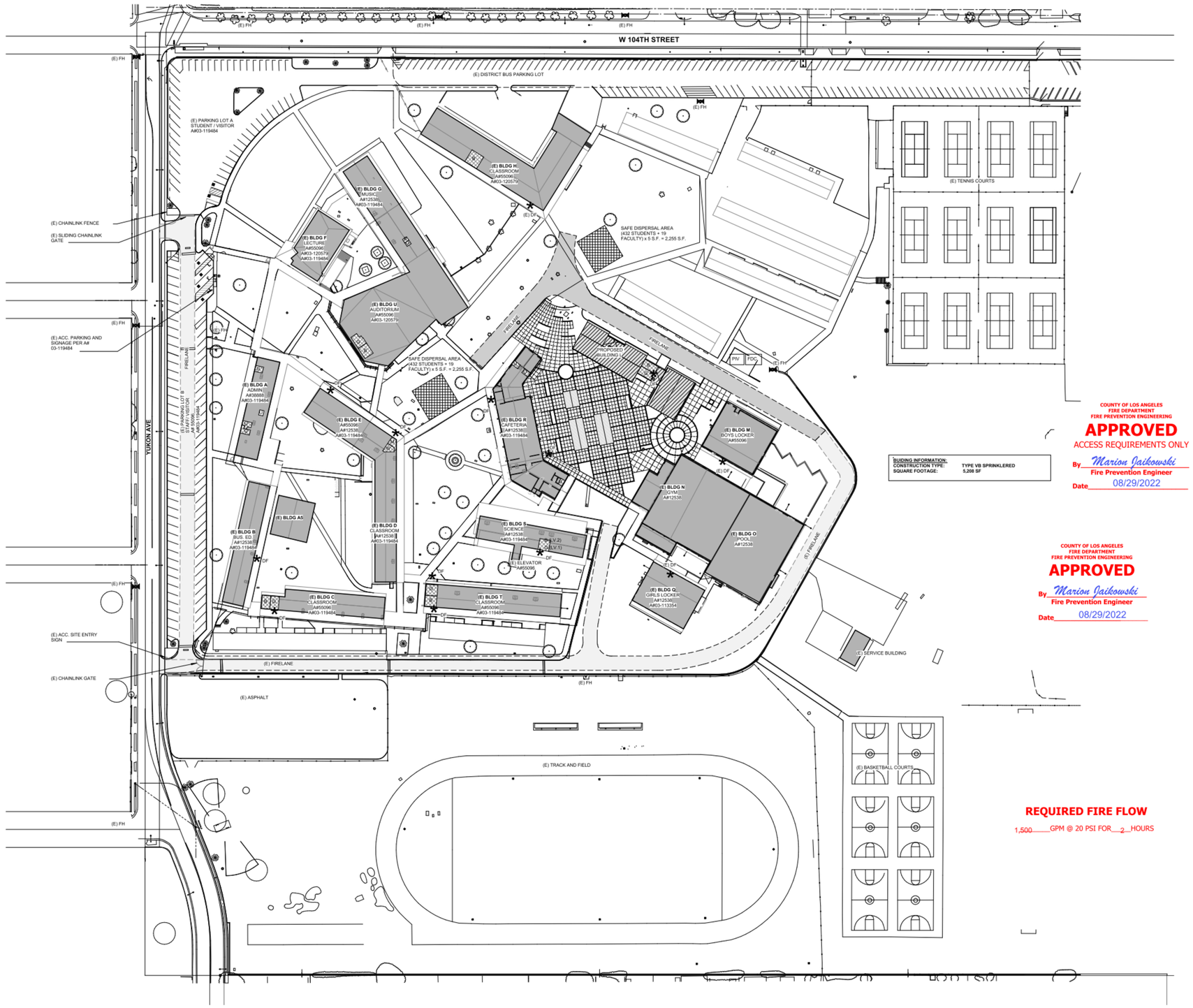

1 OVERALL SITE PLAN - FIRE LIFE SAFETY & ACCESSIBILITY PLAN

SCALE: 1" = 60'-0"

BUILDING INFORMATION:
CONSTRUCTION TYPE: TYPE VB SPRINKLERED
SQUARE FOOTAGE: 5,208 SF

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION ENGINEERING
APPROVED
ACCESS REQUIREMENTS ONLY
By Marion Jaikowski
Fire Prevention Engineer
Date 08/29/2022

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION ENGINEERING
APPROVED
By Marion Jaikowski
Fire Prevention Engineer
Date 08/29/2022

REQUIRED FIRE FLOW
1,500 GPM @ 20 PSI FOR 2 HOURS

LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) BUILDING WITH NO SCOPE IN THIS PROJECT
- LIMIT OF SCOPE
- SAFE DISPERSAL AREA: 5 SF/PERSON MIN 50'-0" FROM ANY BUILDING
- ACCESSIBLE RESTROOMS
- FIRE HYDRANT
- CHAIN LINK FENCE
- HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLING STATION
- (E) FIRE ACCESS ROAD
- 20' WIDE BARRIER FREE FIRE TRUCK ACCESS ROAD
- 20' BARRIER-FREE FIRE TRUCK ACCESS ROAD
- EMERGENCY FIRE TRUCK ACCESS PATH OF TRAVEL, ROUTE WITH A MINIMUM OF 20' WIDE BY 15'-6" VERTICAL CLEARANCE WITH 50' INSIDE TURNING RADIUS AND AN ADDITIONAL 2' OF WIDTH PROVIDED TO ALLOW FOR CLEARANCE OF APPARATUS BUMPER OVERHANG, TYP. VEHICLE BARRIERS SUCH AS GATES PROVIDED WITH A KNOX BOX AT CAMPUS ENTRY POINTS.
- (E) PATH OF TRAVEL (A# 04-119484, A#04-116859 - 2018 & A#04-116673-1-2018)
- PATH OF TRAVEL :

"**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT**: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR **PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS**. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAS BEEN IDENTIFIED AND 2) THE DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS, ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BOUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF CONSTRUCTION CHANGE DOCUMENT."

- PIV — POST INDICATOR VALUE, SEE CIVIL DWGS
- FDC — FIRE DEPARTMENT CONNECTION, SEE CIVIL DWGS
- DDCV — DOUBLE DETECTOR CHECK VALUE, SEE CIVIL DWGS
- FIRE SERVICE POINT OF CONNECTION, SEE CIVIL DWGS

FIRE FLOW REDUCTION (CFC TABLE B105.1)____ (CFC TABLE B105.2)____

FIRE FLOW CALCULATION AREA:
CONSTRUCTION TYPE: TYPE VB
AREA: 4,801-6,200 SF
FIRE FLOW (GALLONS PER MINUTES): 2,000 REQUIRED
REDUCTION FOR FULLY-SPRINKLERED BUILDING: 75%
(% REQUIRED) X (FIRE FLOW) = FIRE FLOW REQ.
.25 X 2000 = 500
(MIN REQUIRED IS 1,500 GPM PER BB105.1 EXCEPTION)

(CFC TABLE CC102.1)____

REQUIRED NUMBER AND SPACING OF FIRE HYDRANTS:
FIRE FLOW REQUIREMENT: 1,500 OR LESS
MINIMUM NUMBER OF HYDRANTS: 1 HYDRANTS
AVERAGE SPACING BETWEEN HYDRANTS: 500 FEET
MAX. DISTANCE FROM ANY POINT ON THE STREET OR ROAD FRONTAGE TO A HYDRANT: 250 FEET

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) file and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION	
School District/Owner:	INGLEWOOD UNIFIED SCHOOL DISTRICT
Project Name/School:	MORNINGSIDE HIGH SCHOOL BUILDING L
Project Address:	10500 YUKON AVE S INGLEWOOD CA 90303

FIRE & LIFE SAFETY INFORMATION				
1.	Has a Fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the last data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☑		No ☐
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

DGS DSA 810 (revised 12/20/20) — Page 1 of 4
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — STATE OF CALIFORNIA

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED Yes	No	N/A	N/R
4.	Emergency-vehicle access roadways do not meet CFC requirements.				
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.				
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimums.				
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates:
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____
Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION			
LFA Agency Name:	La County Fire Department		
LFA Review Official:	Marion Jaikowski FPEA1	Work Phone:	
Title:			
Work Email:	marion.jaikowski@fire.lacounty.gov		

LFA Reviewer's Signature: _____ Date: 8-29-22

DGS DSA 810 (revised 12/20/20) — Page 2 of 4
DIVISION OF THE STATE ARCHITECT — DEPARTMENT OF GENERAL SERVICES — STATE OF CALIFORNIA

INGLEWOOD UNIFIED SCHOOL DISTRICT

LIONÄKIS
4000 MacArthur Blvd., Suite 101
Newport Beach CA 92660
P 949.955.1919 F 949.955.9175
www.lionakis.com

CONSULTANT

SEAL
REGISTERED ARCHITECT STEVEN KENDRICK C14099 REN. 08-30-21 STATE OF CALIFORNIA

PROJECT
BUILDING L
10500 YUKON AVENUE
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT
401 S INGLEWOOD AVENUE
INGLEWOOD CA, 90301

ISSUED

MARK	DATE	DESCRIPTION

MANAGEMENT

LIONAKIS PROJECT NO:	018083
CLIENT PROJECT NO:	700.00.007
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TITLE
OVERALL SITE PLAN - FIRE LIFE SAFETY & ACCESSIBILITY PLAN

SHEET
GL101

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8/29/2022 9:32:13 AM



1 OVERALL DEMOLITION SITE PLAN
SCALE 1" = 60'-0"

GENERAL NOTES

1. (E) BUILDINGS NOTED TO BE DEMOLISHED SHALL BE DEMOLISHED IN THEIR ENTIRETY INCLUDING ALL UNDERGROUND CONCRETE FOOTINGS AND UTILITY LINES.
2. THE CONTRACTOR AND SUB-CONTRACTORS SHALL DEMOLISH AND TRANSPORT OFF SITE ANY PAVING, CONCRETE, LANDSCAPE, TREES, ROOTS, AND OTHER SITE MATERIALS AS REQUIRED TO PERFORM NEW WORK.
3. CONTRACTOR AND SUB-CONTRACTORS SHALL PATCH AND REPAIR ALL ADJACENT AREAS AFFECTED BY DEMOLISHING AS REQUIRED TO MATCH EXISTING CONDITIONS.
4. ALL AREAS ON DEMOLITION PLANS ARE FOR REFERENCE ONLY. CONTRACTOR AND SUB-CONTRACTORS ARE EXPECTED TO FIELD VERIFY ALL AREAS TO DETERMINE SPECIFIC SCOPE FOR EACH ITEM.
5. ALL SAFEGUARDS MUST BE ADHERED TO DURING CONSTRUCTION AND DEMOLITION PER CFC & CPC CHAPTER 33.
6. SEE OTHER DISCIPLINES FOR ADDITIONAL DEMOLITION SCOPE NOT NOTED HERE.
7. SHORE-IN-PLACE WHERE OPENING OCCURS.
8. NO DEMOLITION SHALL BEGIN UNTIL ALL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.

LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- (E) BLDG, NOT IN SCOPE
- (E) BLDG/STRUCT, TO BE REMOVED
- (E) CANOPY, TO BE REMOVED
- (E)TURF TO BE REMOVED
- LIMIT OF WORK
- (E) HARDSCAPE TO BE REMOVED
- (E) RESTROOM (B, G, M, W)

SHEET KEYNOTES

D1 [SCOPE A - LAWA] (E) BUILDING TO BE REMOVED IN ITS ENTIRETY.

DA [SCOPE B - NOT PART OF LAWA] (E) HARDSCAPE TO BE REMOVED.

DB [SCOPE B - NOT PART OF LAWA] (E) TURF TO BE REMOVED.

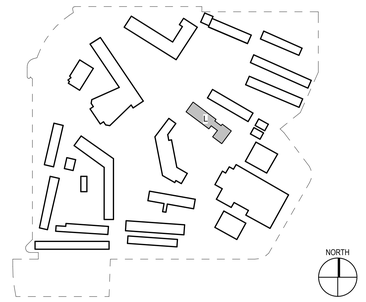
DC [SCOPE B - NOT PART OF LAWA] (E) CANOPIES TO BE REMOVED. REMOVE CONDUITS AND RELOCATE PER ELECTRICAL DRAWINGS.

DD [SCOPE B - NOT PART OF LAWA] (E) TREE TO BE REMOVED

DE [SCOPE B - NOT PART OF LAWA] (E) LUNCH SHELTER AND SEATING TO BE REMOVED

DF [SCOPE B - NOT PART OF LAWA] PROTECT(E) CANOPY AND POSTS IN PLACE.

KEY PLAN



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TITLE
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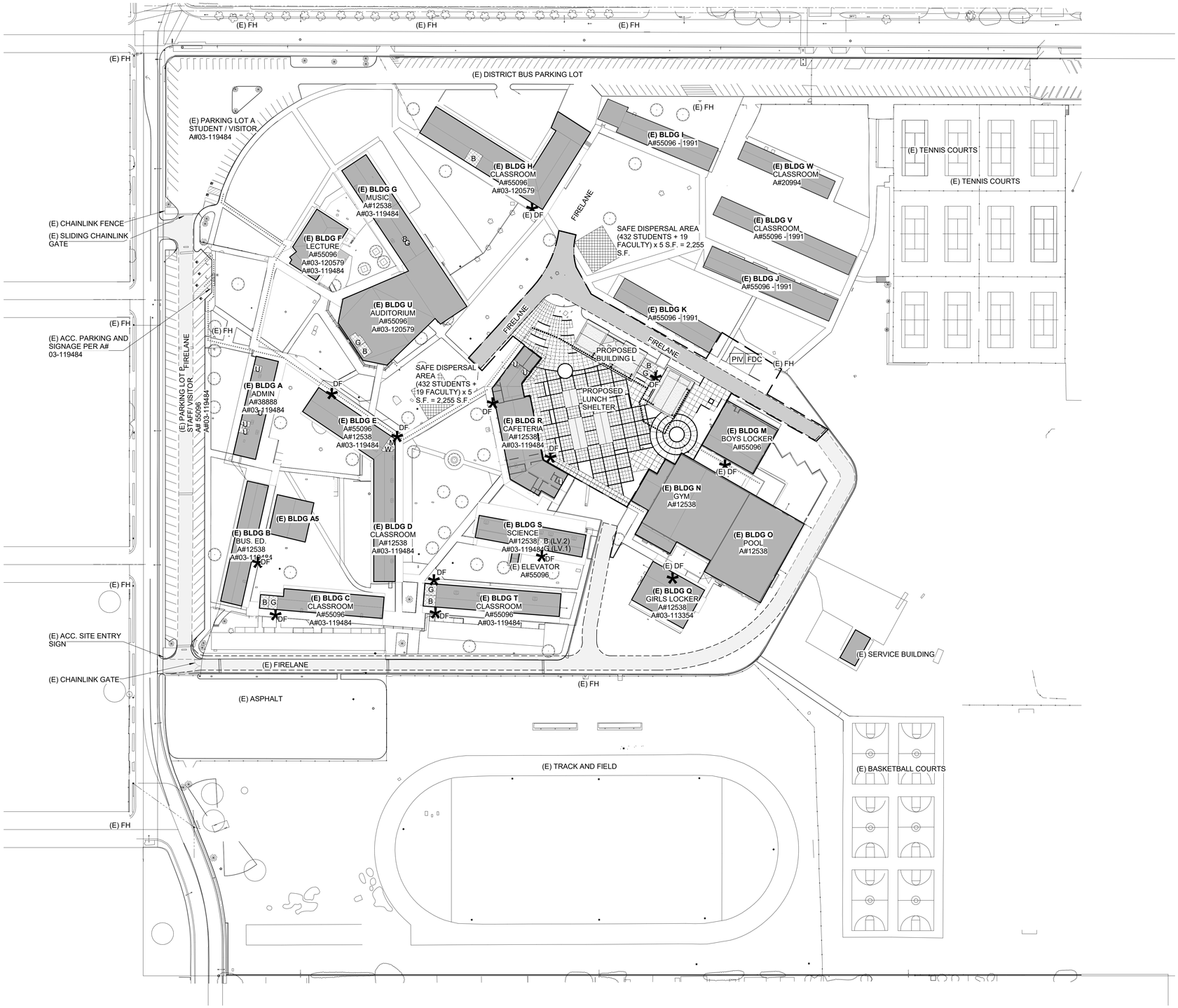

1 SITE PLAN
SCALE 1" = 60'-0"

0' 30' 60' 120'

NORTH

GENERAL NOTES

1. SEE CIVIL DRAWINGS FOR ASPHALTIC AND PORTLAND CEMENT CONCRETE PAVING TYPES AND SECTIONS.
2. SEE CIVIL DRAWINGS FOR LOCATION OF ALL UNDERGROUND UTILITIES.
3. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES, LOCATIONS, AND IRRIGATION SYSTEM.
4. SEE LANDSCAPE DRAWINGS FOR MISCELLANEOUS SITE FEATURES NOT LIMITED TO BUT INCLUDING CONCRETE PLANTERS, SURFACING MATERIAL, AND TREE GRATES.
5. SEE HORIZONTAL CONTROL PLAN IN CIVIL DRAWINGS FOR DIMENSIONS NOT OTHERWISE SHOWN ON THIS DRAWING.
6. PROVIDE 12" CONCRETE MOW STRIP BETWEEN ALL LANDSCAPE AREAS AND BUILDING.
7. SEE PLUMBING SHEETS FOR ROUTING OF ALL UNDERGROUND GAS LINES AND ROOF DRAINAGE CONNECTION POINTS TO STORM DRAINAGE SYSTEM, WATER, AND SEWER LINES SHOWN ON CIVIL DRAWINGS.
8. SEE ELECTRICAL DRAWINGS FOR LOCATION AND TYPES OF VARIOUS POWER AND SIGNAL PULL BOXES AND LIGHT FIXTURES.
9. CONTROL JOINTS SHALL BE LOCATED AT THE OUTSIDE CORNERS OF THE BUILDING.

LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) BUILDING WITH NO SCOPE IN THIS PROJECT
- LIMIT OF SCOPE
- SAFE DISPERSAL AREA: 5 SF/PERSON MIN 50'-0" FROM ANY BUILDING
- ACCESSIBLE RESTROOMS (B, G, M, W)
- FH — FIRE HYDRANT
- CHAIN LINK FENCE
- DF — HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLING STATION
- FIRELANE — (E) FIRE ACCESS ROAD
- 20' BARRIER-FREE FIRE TRUCK ACCESS ROAD

EMERGENCY FIRE TRUCK ACCESS PATH OF TRAVEL, ROUTE WITH A MINIMUM OF 20' WIDE BY 15'-6" VERTICAL CLEARANCE WITH 50' INSIDE TURNING RADIUS AND AN ADDITIONAL 2' OF WIDTH PROVIDED TO ALLOW FOR CLEARANCE OF APPARATUS BUMPER OVERHANG, TYP. VEHICLE BARRIERS SUCH AS GATES PROVIDED WITH A KNOX BOX AT CAMPUS ENTRY POINTS.

- (E) PATH OF TRAVEL (A# 04-119484, A#04-116859 - 2018 & A#04-116673-1-2018)
- PATH OF TRAVEL :

"**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT**: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR **PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS**. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAS BEEN IDENTIFIED AND 2) THE DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
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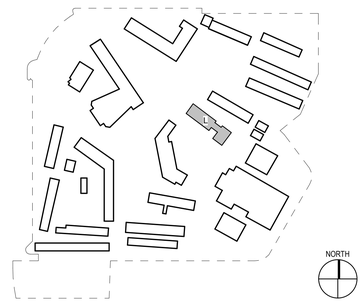
PARKING COUNT

PARKING LOT #	NON ACCESSIBLE SPACES	ACCESSIBLE SPACES PROVIDED	ACCESSIBLE SPACES REQUIRED	VAN SPACES PROVIDED	VAN SPACES REQUIRED	TOTAL
(E) STUDENT PARKING A#04-118348	60	5	2	1	1	65
(E) STAFF PARKING A#04-118348	101	8	4	2	2	109
(E) VISITOR PARKING A# 04-116673-1	7	2	1	1	1	10

(E) STUDENT PARKING A#04-118348
NON-ACCESSIBLE STALLS COVERED: 24 OR 37%
ACCESSIBLE STALL COVERED: 2 OR 40%

(E) STAFF PARKING A#04-118348
NON-ACCESSIBLE STALLS COVERED: 58 OR 53%
ACCESSIBLE STALL COVERED: 3 OR 60%

KEY PLAN



INGLEWOOD UNIFIED SCHOOL DISTRICT 1888

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SEAL

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PROJECT

BUILDING L

10500 YUKON AVENUE
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S INGLEWOOD AVENUE
INGLEWOOD CA, 90301

ISSUED

MARK	DATE	DESCRIPTION

MANAGEMENT

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TITLE

OVERALL ARCHITECTURAL SITE PLAN

SHEET

AS101

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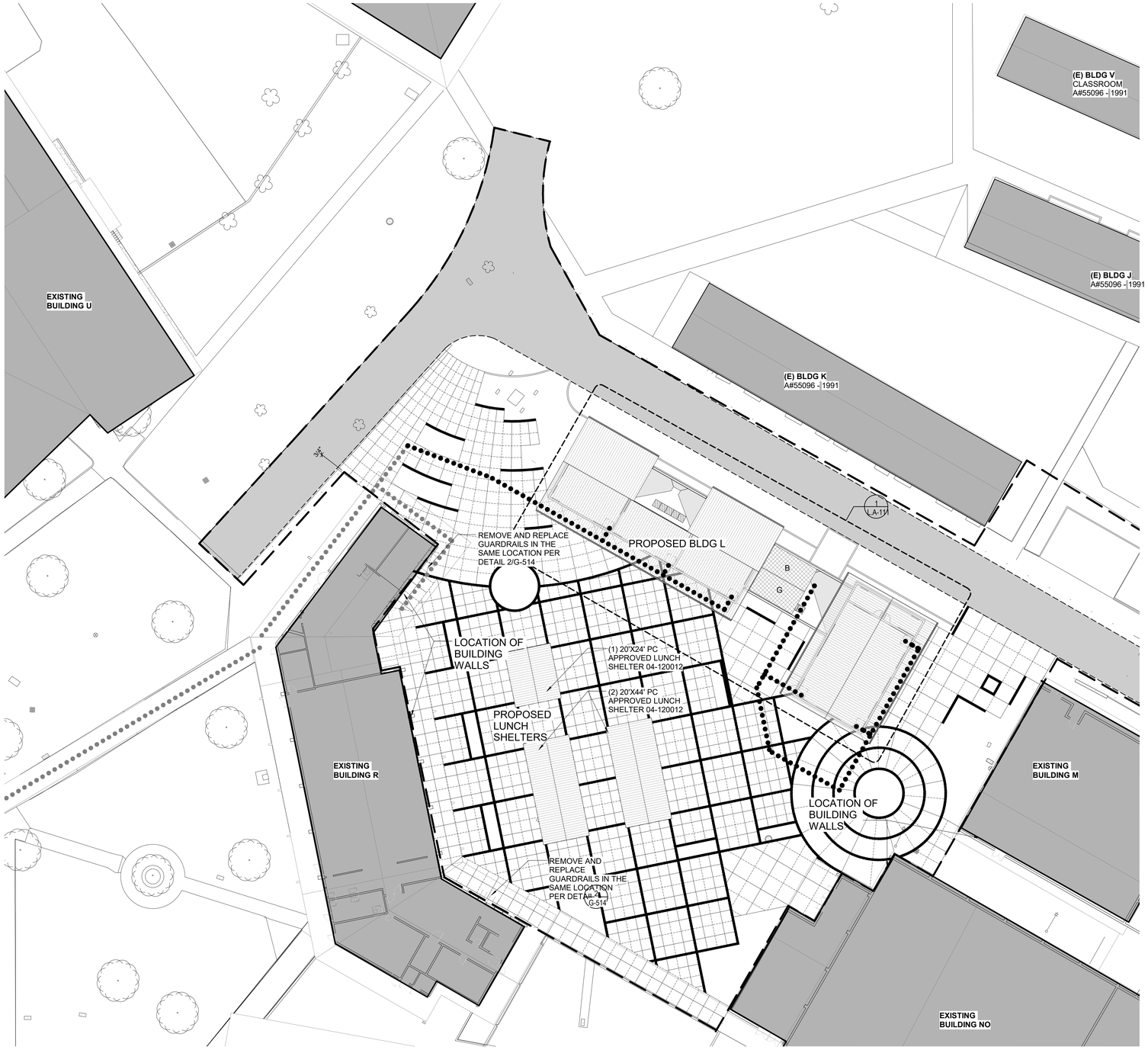

1 SITE PLAN - ENLARGED
SCALE 1" = 20'-0"

0' 10' 20' 40'

NORTH

GENERAL NOTES

1. SEE CIVIL, LANDSCAPE, AND ELECTRICAL DRAWINGS FOR MORE INFORMATION PERTAINING TO SCOPE OF PROJECT.
2. SEE CIVIL DRAWINGS FOR LOCATION OF ALL UNDERGROUND UTILITIES.
3. SEE LANDSCAPE PLANS FOR ALL PLANTING MATERIAL SPECIES, QUANTITIES, LOCATIONS, AND IRRIGATION SYSTEM.
4. SEE LANDSCAPE DRAWINGS FOR MISCELLANEOUS SITE FEATURES NOT LIMITED TO BUT INCLUDING CONCRETE PLANTERS, SURFACING MATERIAL, AND TREE GRATES.
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6. SEE PLUMBING SHEETS FOR ROUTING OF ALL UNDERGROUND GAS LINES AND ROOF DRAINAGE CONNECTION POINTS TO STORM DRAINAGE SYSTEM, WATER, AND SEWER LINES SHOWN ON CIVIL DRAWINGS.
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8. CONTROL JOINTS SHALL BE LOCATED AT THE OUTSIDE CORNERS OF THE BUILDING.

LEGEND

- PROPERTY LINE
- ASSUMED IMAGINARY LINE
- PROPOSED BUILDING/ CONSTRUCTION
- (E) BUILDING WITH NO SCOPE IN THIS PROJECT
- LIMIT OF SCOPE
- SAFE DISPERSAL AREA: 5 SF/PERSON MIN 50'-0" FROM ANY BUILDING
- B G M W — ACCESSIBLE RESTROOMS
- FH — FIRE HYDRANT
- CHAIN LINK FENCE
- DF — HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLING STATION
- FIRELANE — (E) FIRE ACCESS ROAD

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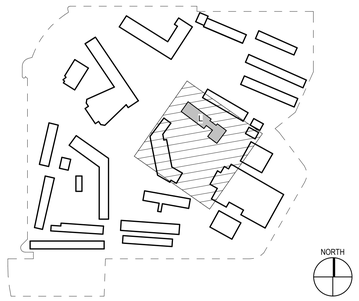
SHEET KEYNOTES

KEY PLAN



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LICENSED ARCHITECT STEVEN KENDRICK C14099 REN 09-30-22 STATE OF CALIFORNIA

PROJECT

BUILDING L

10500 YUKON AVENUE
INGLEWOOD, CA 90303

CLIENT
INGLEWOOD UNIFIED SCHOOL DISTRICT

401 S INGLEWOOD AVENUE
INGLEWOOD CA, 90301

ISSUED

MARK	DATE	DESCRIPTION

MANAGEMENT

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TITLE

SITE PLAN - ENLARGED

SHEET

AS401

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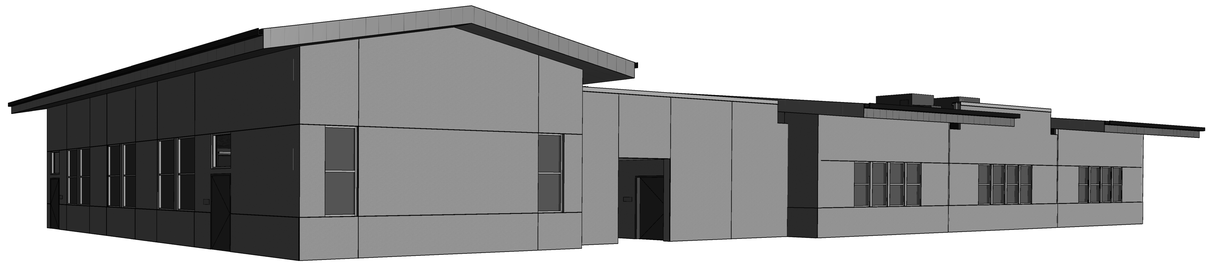
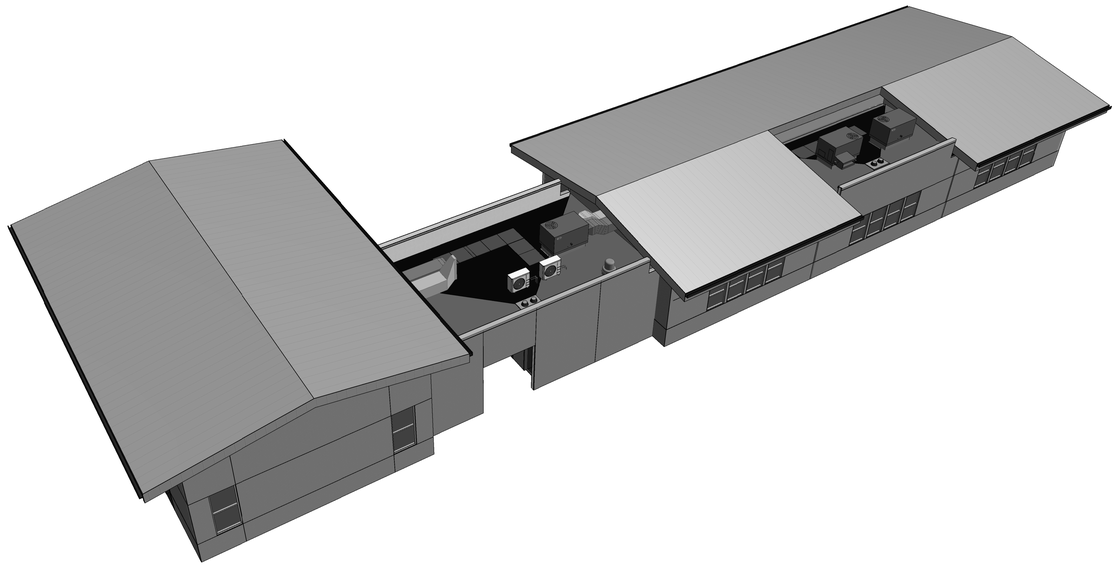
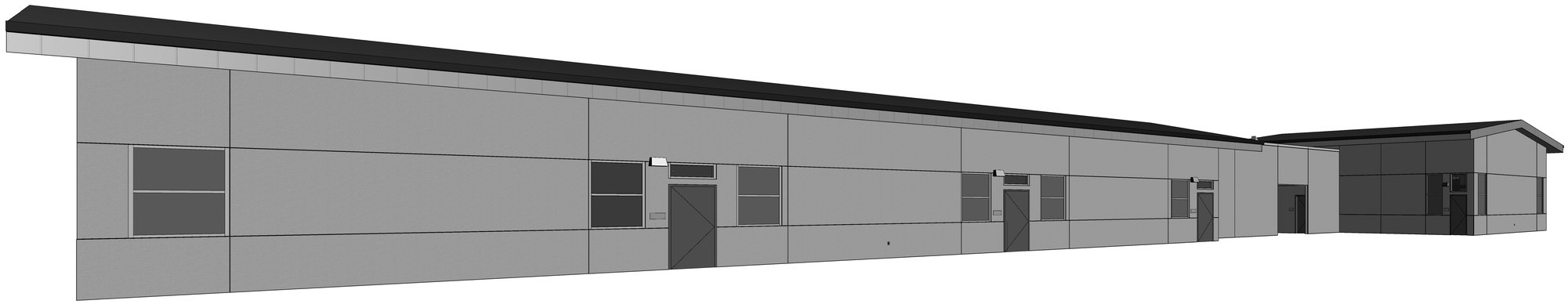


1 VIEW FROM NORTH EAST
NTS



2 VIEW FROM SOUTH WEST
NTS



3 VIEW FROM WEST
NTS

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REN 09-30-23
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BLDG L - EXTERIOR 3D

SHEET

L.A-201

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Appendix F
Woodworth ES DPR Form

ESA

State of California □ The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #____
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 **of** 60 ***Resource Name or #:** (Assigned by recorder) Woodworth Elementary School
P1. Other Identifier: Clyde E. Woodworth Elementary School
***P2. Location:** □ **Not for Publication** ☒ **Unrestricted**
***a. County** Los Angeles **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** _____ **Date** _____ **T** __; **R** ___; __ □ **of** __ □ **of Sec** __; ____**B.M.**
Address 3200 W, 104th Street City Inglewood Zip 90303
UTM: (Give more than one for large and/or linear resources) Zone 11S, 377326.67 mE/ 3756419.77 mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
APN: 4030-033-903

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)
Site
The existing Woodworth Elementary School (Woodworth ES) campus is approximately 6-acres and is located within APN 4030-033-903 at 3200 W. 104th Street in Inglewood, Los Angeles County, California.
The school was constructed beginning in 1953 in a vernacular Mid-Century Modern style, with several permanent buildings and portable structures added over time.

It is located at the southwestern corner of West 104th Street and South 10th Avenue, and consists of 14 extant permanent buildings include Buildings A, B, C, D, E, F, G, H, CP, and J, and seven portable structures including Buildings I, K, L, M, N, O and P. [See Continuation Sheets]

***P3b. Resource Attributes:** (List attributes and codes) HP 15. Educational building
***P4. Resources Present:**

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



☒ Building □ Structure □ Object
□ Site □ District □ Element of District
□ Other (Isolates, etc.)
P5b. Description of Photo: (view, date, accession #) North elevation of Building A, view southwest
***P6. Date Constructed/Age and Source:** ☒ Historic □ Prehistoric
□ Both
1953/ newspaper articles, historic aerial photographs.
***P7. Owner and Address:**
Inglewood Unified School District, 401 South Inglewood Ave., Inglewood CA, 90303
***P8. Recorded by:** (Name, affiliation, and address) ESA, 626 Wilshire Blvd., Suite 1100
Los Angeles, CA 90017
***P9. Date Recorded:** February 2023
***P10. Survey Type:** (Describe)
Intensive Pedestrian
***P11. Report Citation**: (Cite survey report and other sources, or enter "none.")
None.
***Attachments:** □NONE □Location Map ☒Continuation Sheet ☒Building, Structure, and Object Record
□Archaeological Record □District Record □Linear Feature Record □Milling Station Record □Rock Art Record
□Artifact Record □Photograph Record □Other (List): _____

State of California ☐ The Resources Agency Primary # _____
DEPARTMENT OF PARKS AND RECREATION HRI# _____
BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) Woodworth Elementary School ***NRHP Status Code** 6Z
Page 2 **of** 60

B1. Historic Name: Clyde E. Woodworth Elementary School
B2. Common Name: Woodworth Imagine Learning Magnet Elementary School
B3. Original Use: Elementary school B4. Present Use: Vacant
***B5. Architectural Style:** Mid-Century Modern
***B6. Construction History:** (Construction date, alterations, and date of alterations)

Plans for Clyde Woodworth Elementary School were sent to the State Division of Architecture in 1953, with a targeted opening of January 15, 1954. Woodworth ES was named for city attorney Clyde Woodworth, who was born in Inglewood and served as the city attorney.[1] The neighborhood to the north of Woodworth ES was originally zoned for single-family houses, but developers convinced the City Council to allow apartment buildings to be built, increasing the density of residents near the school at mid-century.[2] The first buildings comprising Woodworth ES were Buildings A, B, C, D, and E, constructed between 1953 and 1954. The early buildings were designed by notable architect H. L. Gogerty who was known for his innovations in earthquake-proof design for southern California schools.[3] These initial five structures were constructed in the northern portion of the property, along W. 104th Steet. With the construction of Woodworth ES, 1954 was to be the first year that "all Inglewood school children can have a full day of schooling" due to an overcrowding problem when the campus was constructed.[4]

[See Continuation Sheets]

***B7. Moved?** ☒No ☐Yes ☐Unknown **Date:** _____ **Original Location:** _____
***B8. Related Features:**
N/A

B9a. Architect: H. L. Gogerty **b. Builder**: T.F. Schultz, Jr.
***B10. Significance: Theme** N/A **Area** Inglewood
Period of Significance N/A **Property Type** Elementary school campus **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)
[See Continuation Sheets for contexts and historic resource evaluation]
B11. Additional Resource Attributes: (List attributes and codes) _____
***B12. References:**

[1] "Honored," The Garden Valley News, February 10, 1955.
[2] Dirk Broersma, "Mean Streets," The Daily Breeze, November 24, 1991.
[3] "Henry L. Gogerty; Architect Who Designed Gliding Classroom Walls," *The Los Angeles Times*, April 6, 1990.
[4] "Inglewood Offers Plans for Two New Schools," The Los Angeles Times, February 27, 1953.

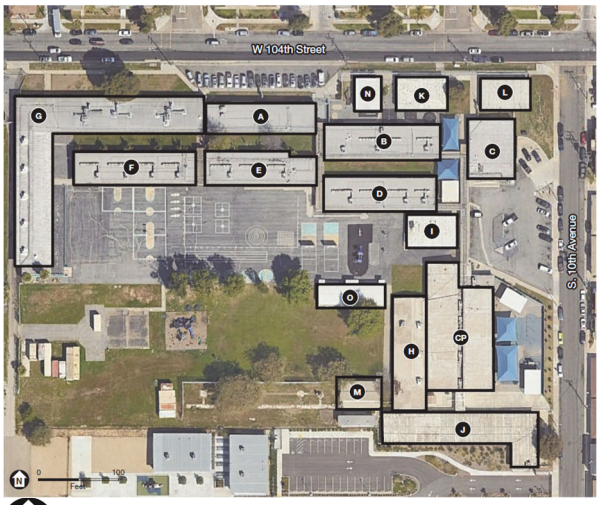
[See Continuation Sheets]

B13. Remarks:

***B14. Evaluator:** ESA
***Date of Evaluation:** February, 2023

(This space reserved for official comments.)

(Sketch Map with north arrow required.)



***P3a. Description (continued)**:

The campus currently includes classrooms, an administrative building, and an auditorium/cafeteria building on the north side, with paved play courts and a playground toward the center, and the Inglewood Unified School District Child Development Center (CDC), formerly the Woodworth Elementary Cerebral Palsy Unit at Building CP, located in the southeastern portion of the site. The property includes two paved parking lots: a smaller parking lot along W. 10th Street and a larger parking lot along S. 10th Avenue.

The portion of the site that comprises Woodworth ES is accessible from the north along W. 104th Street via a chain link fence that separates the campus from the street. The school has been closed in 2020-2021, and is presently vacant. Campus buildings are connected via concrete walkways covered by either generous building overhangs or metal overhangs supported by thin columns. The campus is characterized by one-story concrete buildings with rectangular footprints and horizontal massing. There are contemporary shade structures in the northeastern area of the property. Much of the space immediately south of the classroom buildings is paved in asphalt for use as basketball courts, racquetball courts, and other sporting and play equipment.

The CDC is located in the southeastern portion of the site which appears to have operated separately from the Woodworth ES campus. Originally, the CDC operated as Woodworth ES' Cerebral Palsy Unit, which was a part of a multi-school district program for handicapped children within Los Angeles County school districts that opened in 1955.

Buildings A, B, D, E, and F

Buildings A, B, D, E, and F were constructed in 1953 as part of the original Woodworth ES campus and include shared construction typologies. The buildings are located generally north and northeast within the site. Designed by architect H. L. Gogerty, the wood-framed buildings have rectangular floorplans, flat roofs, and exteriors clad in stucco. They do not have internal hallways but are instead oriented to the exterior spaces. Original windows on the north elevations consist of 1/1 metal awning windows found individually and in ribbons of six; the ribboned windows are arranged in vertical configurations of three. The elevations have wide concrete overhangs and framing concrete end walls. The south facades of the buildings include clerestory ribbons of 1/1 metal awning windows interspersed by single-leaf metal doors flush with the elevations with generous eaves and soffits that extend over doorways. Building A attaches to Building G to its west by a covered overhang. Interior details include vinyl tile flooring and dropped acoustical ceilings. The buildings are currently vacant.

Building C

Building C, the cafeteria/assembly building, was constructed in 1953 as part of the original Woodworth ES campus designed by H. L. Gogerty. The building sits to the north of a parking lot

along S. 10th Avenue. The double-height building is rectangular in plan with a flat roof, stucco exteriors, and wood framing. Building C is accessed from both the east and the west yet does not have a pronounced main entrance. Fenestration on the east elevation includes original 1/1 metal awnings with a single fixed-pane above and below, found in ribbons of 3 and 4. Fenestration on the west elevation are similar combinations of metal fixed-pane and awning windows with metal security grating. The building was used as the school's cafeteria and includes an industrial kitchen with an open central volume, and smaller rooms in the northwestern portion of the building. The southern portion of the building has a raised wood stage with three steps and a retractable fabric curtain system which would allow the space to also be used as an assembly room. Vinyl tile flooring covers most of the building, and a dropped acoustical panel ceiling sits above exposed beams. The building is currently vacant.

Building CP

Constructed as the Cerebral Palsy Unit, Building CP is one-story, has a flat roof, is clad in stucco, and is generally rectangular in plan. The building is located in the southeastern portion of the campus. Designed by G. L. Gogerty, the building was constructed in 1955, two years after the initial buildings on campus. A slight flat roof projection extends from the roofline. The building includes an original aluminum frame window assembly with transoms, sidelites, and large pane fixed windows at the main entrance along the north elevation. Double-leaf glazed doors with a single glazing panel in each leaf offer access from a covered walkway entrance. The east and west elevations include multi-lite metal awning windows with metal security bars, projecting overhangs and fixed metal shades. The interior includes a double loaded corridor with clerestory windows along the central hallway. According to original plans, spaces to accommodate students with cerebral palsy included an occupational therapy room, a conference room, speech room, physical therapy room, two exercise rooms, restrooms, and a matron dining room. The building included three classrooms, with attached restrooms, one for pre-school aged-children, one for primary grades, and another for upper grades, indicating that children of a wide-range of ages with cerebral palsy could be educated at this building. The building currently utilized by the District's CDC preschool program.

Building G

Building G was constructed in 1959, as an additional classroom building to the expanding Woodworth ES campus. Designed by architects H. L. Gogerty and D. Stewart Kerr, Building G sits along the northwestern border of the campus. The building is elevated from the play courts and accessible by a series of concrete steps at the southern end. The building is clad in stucco includes a gable to the south which culminates into a hipped roof at the northern portion of the building. Building G includes two rectangular volumes, with a roofline that forms a covered walkway. The building extends north from the southern play courts and turns to the east along W. 104th Street. The classrooms open out to the east elevation in the southern volume, and out to the south elevation in the northern volume. There are ribbons of multi-lite metal awning

windows at each classroom which includes a single-leaf metal door with transoms above flush with the elevation and located at both ends of the classroom. Building G attaches to Building A at its east with a covered walkway, forming an L-shape at the roofline. The building is currently vacant.

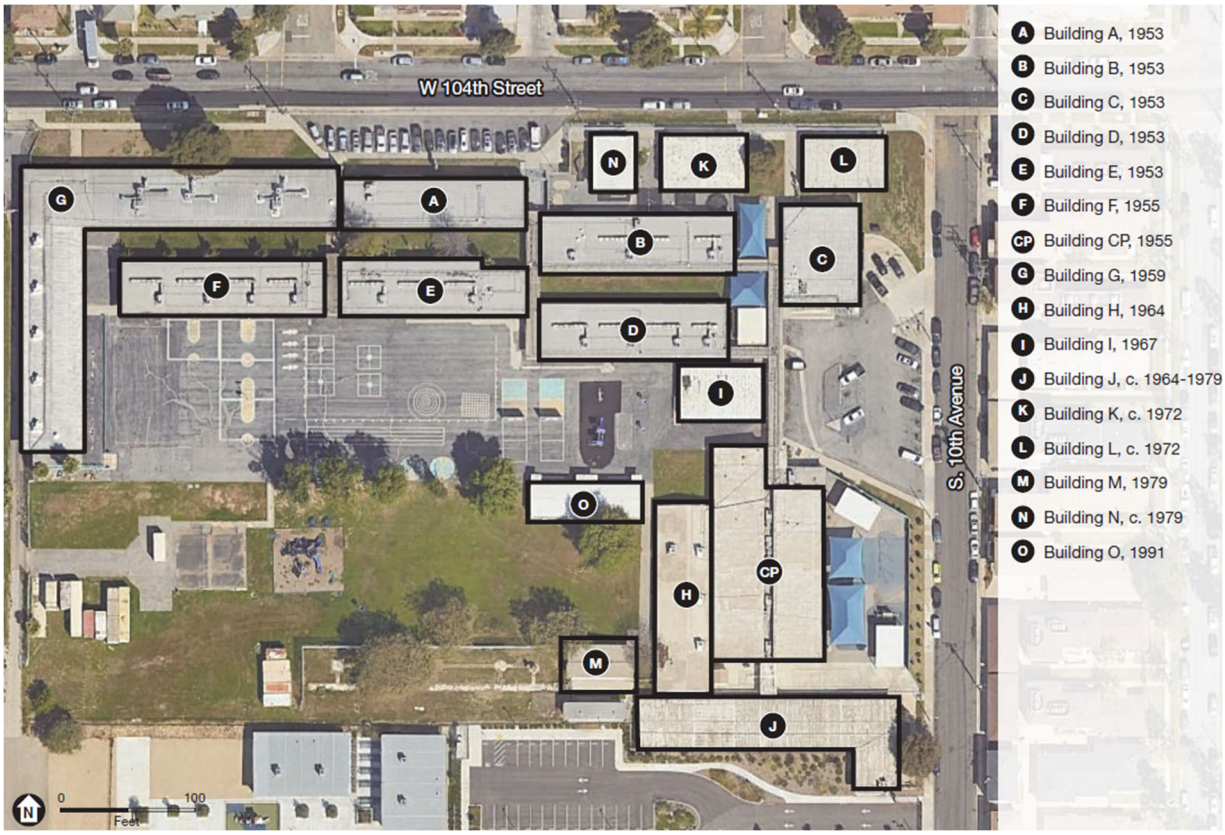
Building H

Building H was designed by Balch – Hutchanson – Perkins and constructed in 1964 as another additional classroom building to expand the campus. Building H is located to the west of Building CP and resembles a portable building in its exterior combination of stucco and wood paneling. The building includes a gabled roof, and two classroom units, which are each accessible from a ramp along the west elevation. The west elevation also includes a generous roof overhang which covers the west entrances and the ramps. Ribbons of multi-lite metal awning windows line both the east and west elevations. The interior includes vinyl tile flooring and acoustic drop panels at the ceiling. The building is currently vacant.

Buildings K, L, M, and N

Buildings K, L, M, and N are wood frame portable structures that share similar architectural characteristics. Buildings K and L were constructed circa 1972, and Buildings M and N were constructed circa 1979. Buildings K, L, and N sit oriented north along W. 104th Street and share a common paved sidewalk. Building M sits in the southern portion of the site and is oriented north. Each portable building has a rectangular footprint, vertical plywood paneled siding, a flat roof, and generous eaves and soffits that extend over doorways. Buildings K, L, M, and N are accessed directly from the outside, and do not share central corridors. The portable buildings include aluminum frame windows and single flush metal doors. Concrete ramps with metal handrails offer access. The buildings are currently vacant.

P5a. Photographs (continued):



Woodworth ES campus building site map. ESA, 2022.



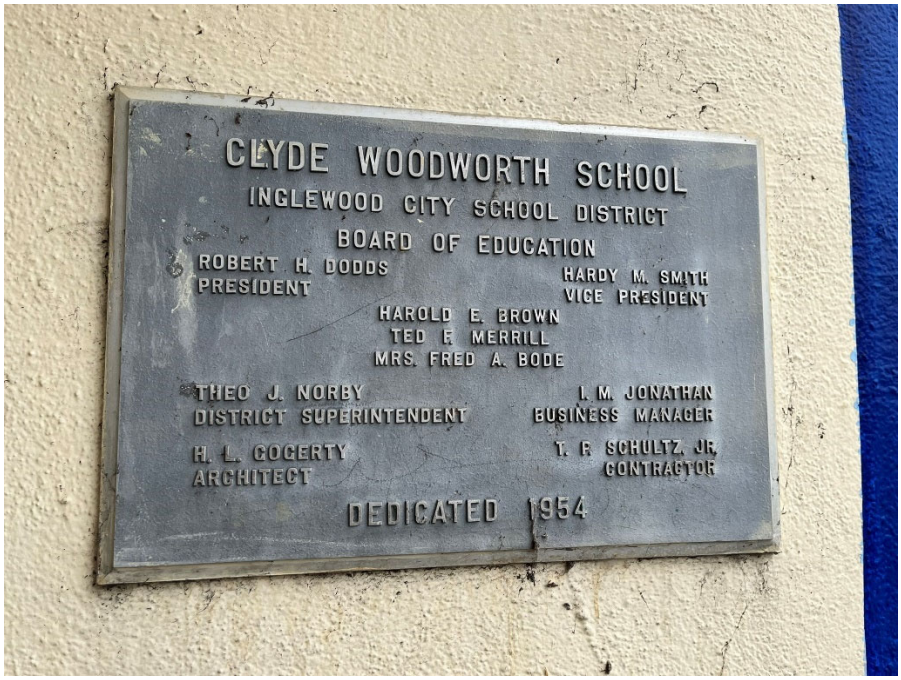
Building A north elevation, view southwest. ESA, 2022.



Building A north elevation, view west. ESA, 2022.



Building A north elevation, view southeast. ESA, 2022.



Commemorative plaque at Building A. ESA, 2022.



Contemporary mural at Building A. ESA, 2022.



Building A south elevation, view northeast. ESA, 2022.



Building A north elevation, view southwest. ESA, 2022.



Building A administrative office. ESA, 2022.



Building B south elevation, view northwest. ESA, 2022.



Building B south elevation, view northeast. ESA, 2022.



Building C east elevation, view west. ESA, 2022.



Building C east elevation, view northwest. ESA, 2022.



Building C south elevation, view north. ESA, 2022.



Building C west elevation, view east. ESA, 2022.



Building C north elevation, view southeast. ESA, 2022.



Building C interior, toward stage. ESA, 2022.



Building C interior, toward kitchen. ESA, 2022.



Building D north elevation, view southwest. ESA, 2022.



Building D north elevation (left) and west elevation (right), view southeast. ESA, 2022.



Building D west elevation (left) and south elevation (right), view northeast. ESA, 2022.



Building E south elevation, view northeast. ESA, 2022.



Building E south elevation, view northeast. ESA, 2022.



Building E south elevation, view northeast. ESA, 2022.



Building E south elevation, view northeast. ESA, 2022.



Building E classroom interior. ESA, 2022.



Building F north elevation, view southwest. ESA, 2022.



Building F north elevation (left) and west elevation (right), view southeast. ESA, 2022.



Building F south elevation, view north. ESA, 2022.



Building F west elevation (left) and south elevation (right), view northeast. ESA, 2022.



Building F classroom interior. ESA, 2022.



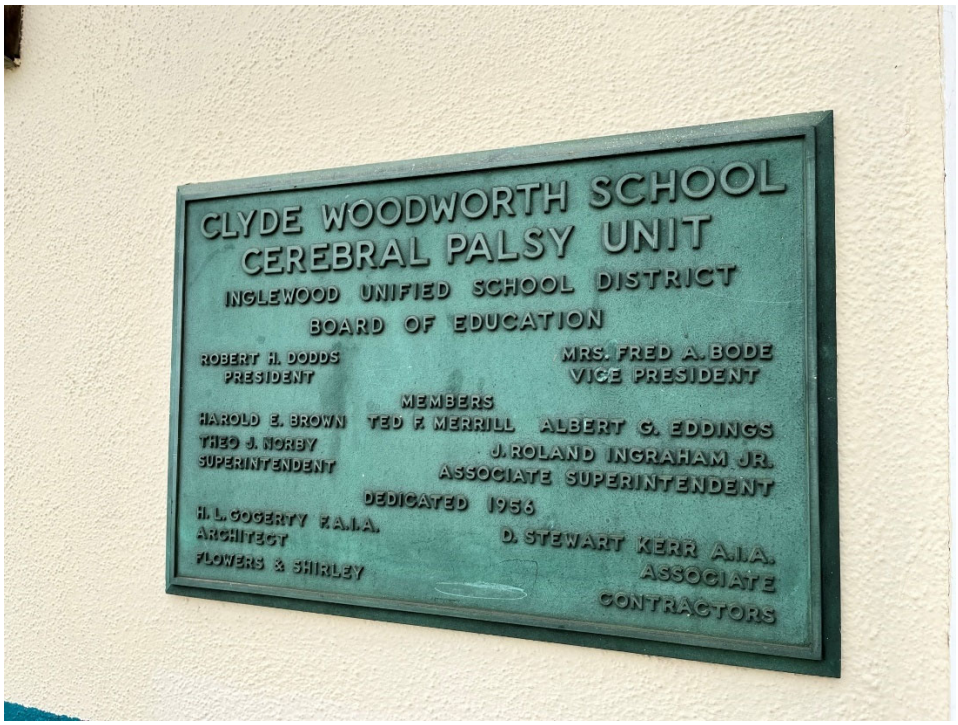
Building F classroom interior. ESA, 2022.



Building CP north (right) and east (left) elevations view southwest. ESA, 2022.



Building CP north elevation, view southeast. ESA, 2022.



Building CP commemorative plaque at north elevation. ESA, 2022.



Building CP north elevation main entrance, view south. ESA, 2022.



Building CP west elevation, view east. ESA, 2022.



Building CP south elevation, view northeast. ESA, 2022.



Building CP south elevation (left) and east elevation (right), view northwest. ESA, 2022.



Building CP interior at double loaded corridor. ESA, 2022.



Building CP interior at classroom. ESA, 2022.



Building CP interior at classroom. ESA, 2022.



Building G east elevation, view northwest. ESA, 2022.



Building G south elevation, view northwest. ESA, 2022.



Building G east elevation, view west. ESA, 2022.



Building G east elevation (left) and south elevation (right), view northwest. ESA, 2022.



Building G south elevation, view northwest. ESA, 2022.



Building H north elevation, view southeast. ESA, 2022.



Building H west elevation, view southeast. ESA, 2022.



Building H, classroom interior. ESA, 2022.



Building I north elevation (left) and west elevation (right), view southeast. ESA, 2022.



Building I south elevation (right), view northeast. ESA, 2022.



Building J east elevation (left), view west. ESA, 2022.



Building J north elevation, view east. ESA, 2022.



Building M north elevation, view south. ESA, 2022.



Building K north elevation, view southeast. ESA, 2022.



Building K north elevation, view southwest. ESA, 2022.



Building K east elevation (left) and north elevation (right), view east. ESA, 2022.



Building K south elevation (left) and east elevation (right), view northwest. ESA, 2022.



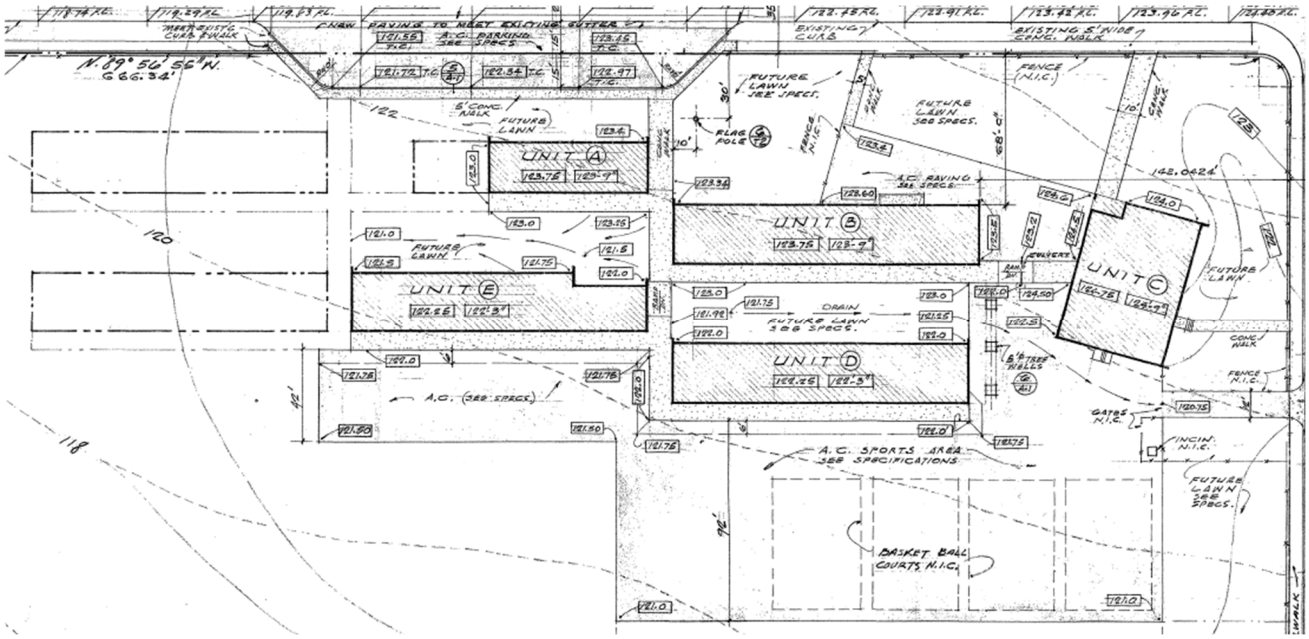
Building L south elevation (left) and east elevation (right), view northwest. ESA, 2022.



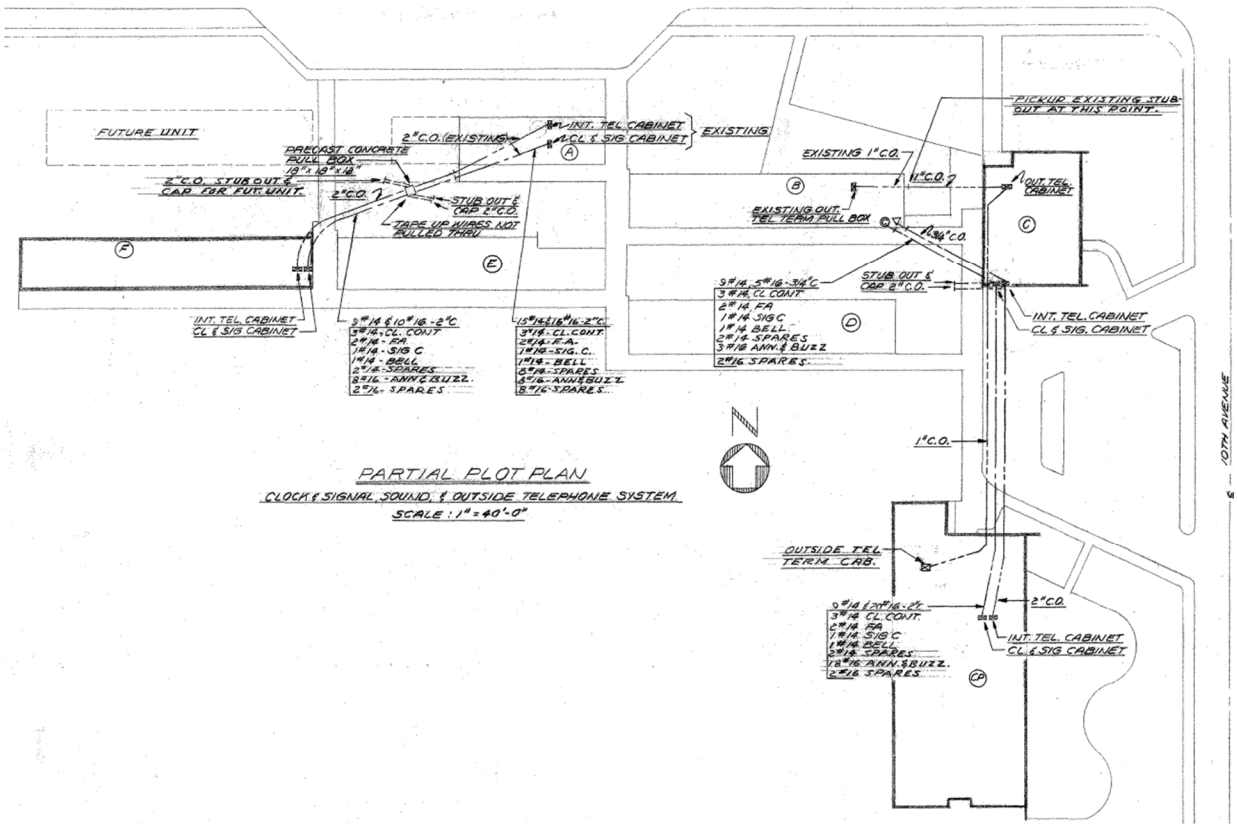
Building L north elevation (left) and west elevation (right), view southeast. ESA, 2022.



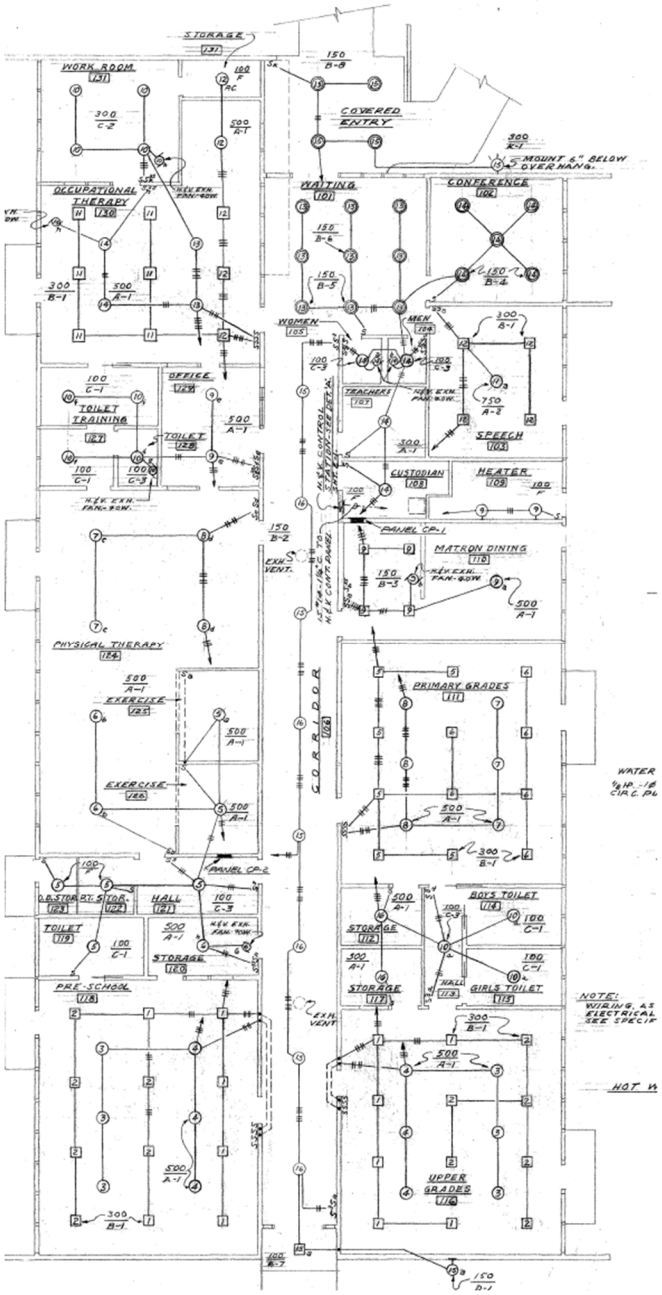
Building M west elevation, view east. ESA, 2022.



1953 plot plan, depicting original buildings on campus. Inglewood Unified School District.



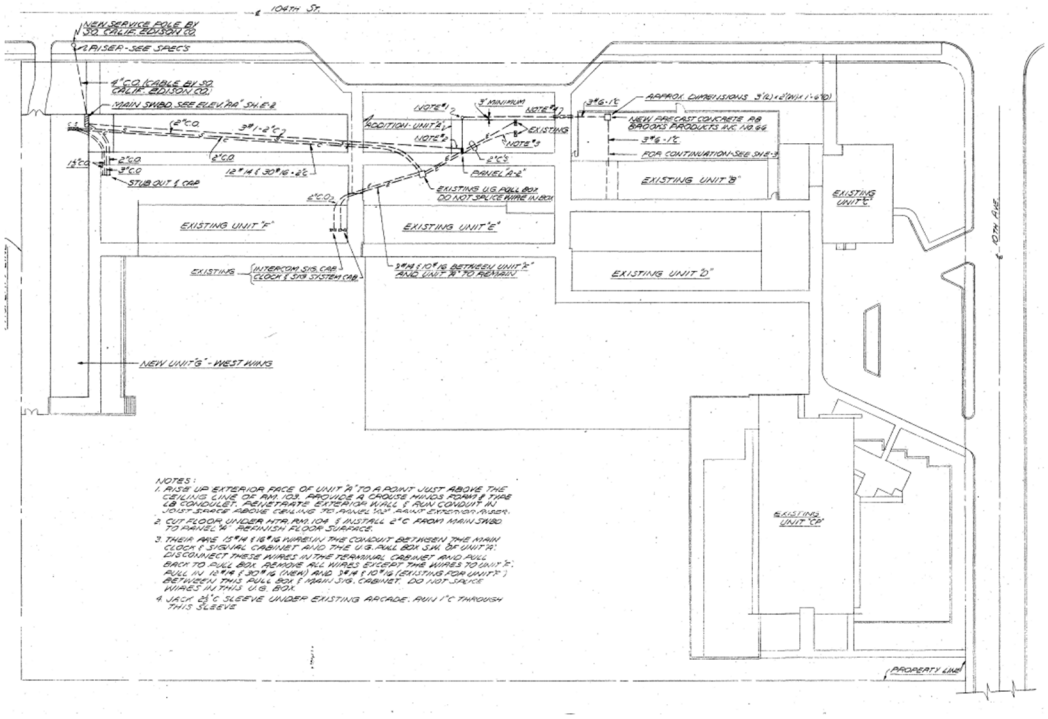
1955 plot plan, depicting early campus additions. Inglewood Unified School District.



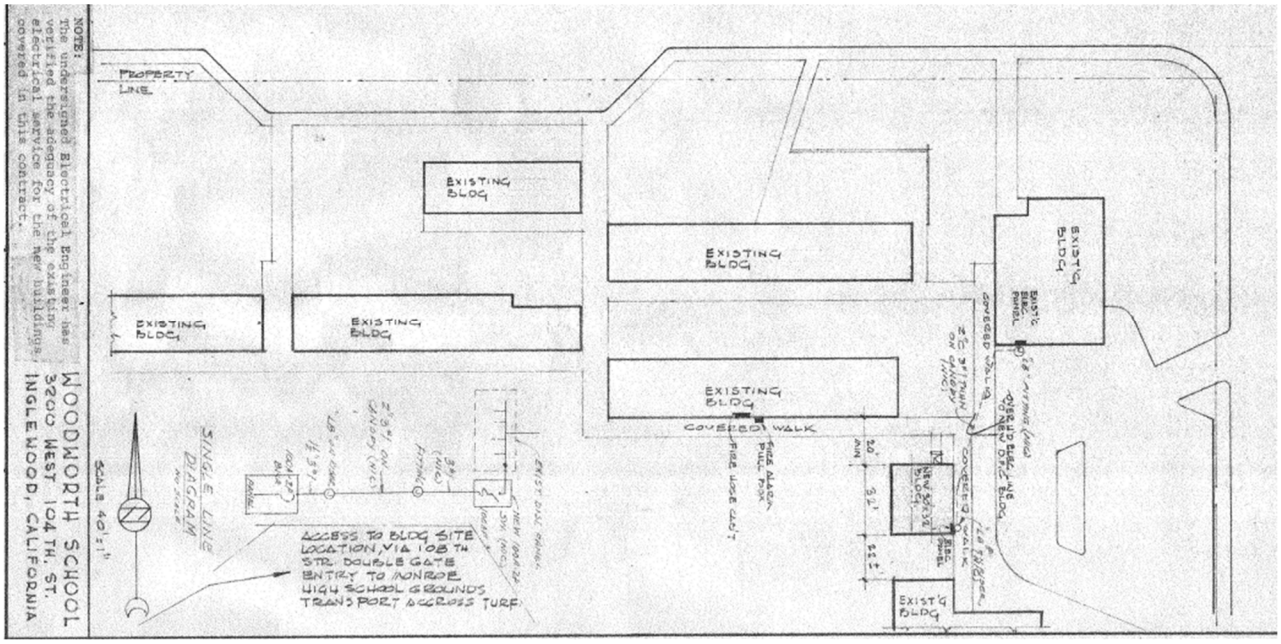
Electrical plan for Building CP, 1955. Inglewood Unified School District.



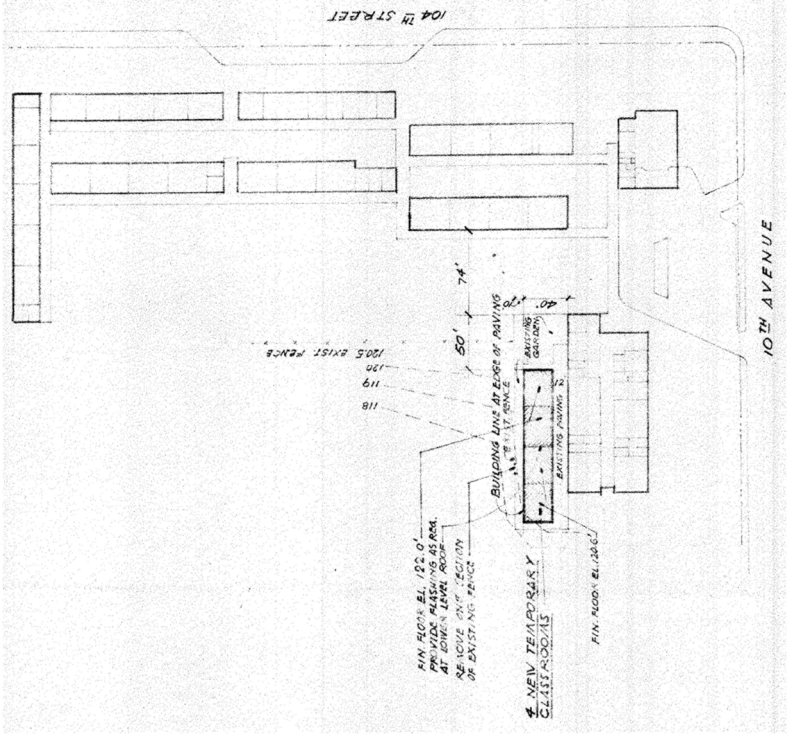
Aerial photograph of campus after initial buildings were constructed, 1959. Inglewood Unified School District.



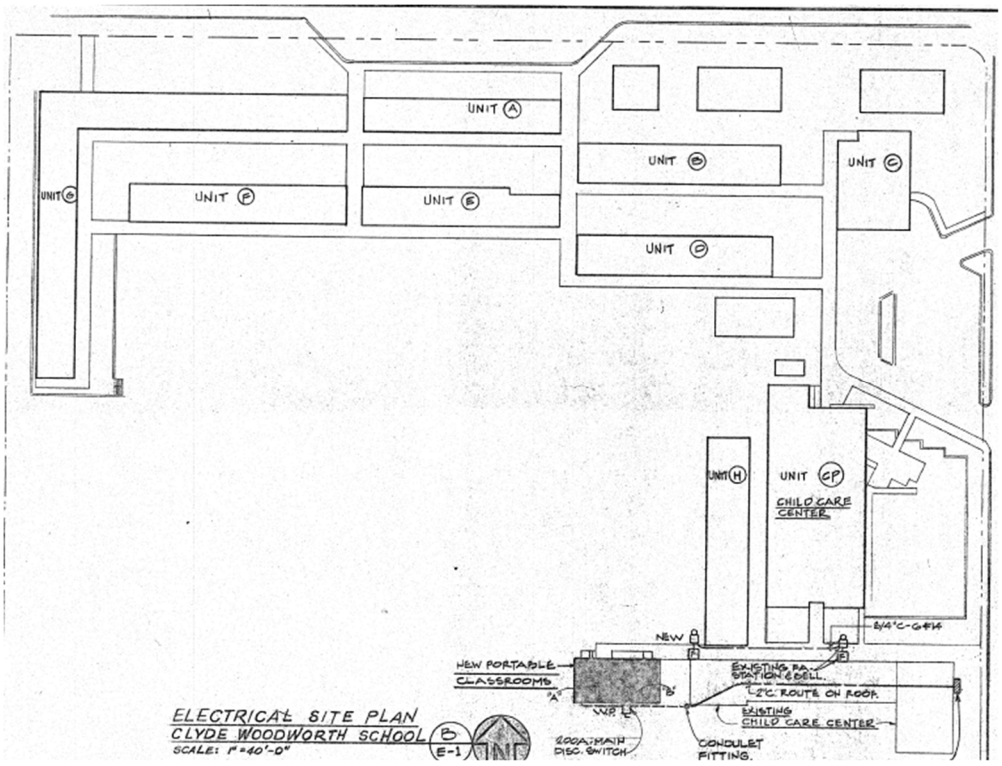
1959 plot plan, depicting modifications to the campus including the construction of Building H. Inglewood Unified School District.



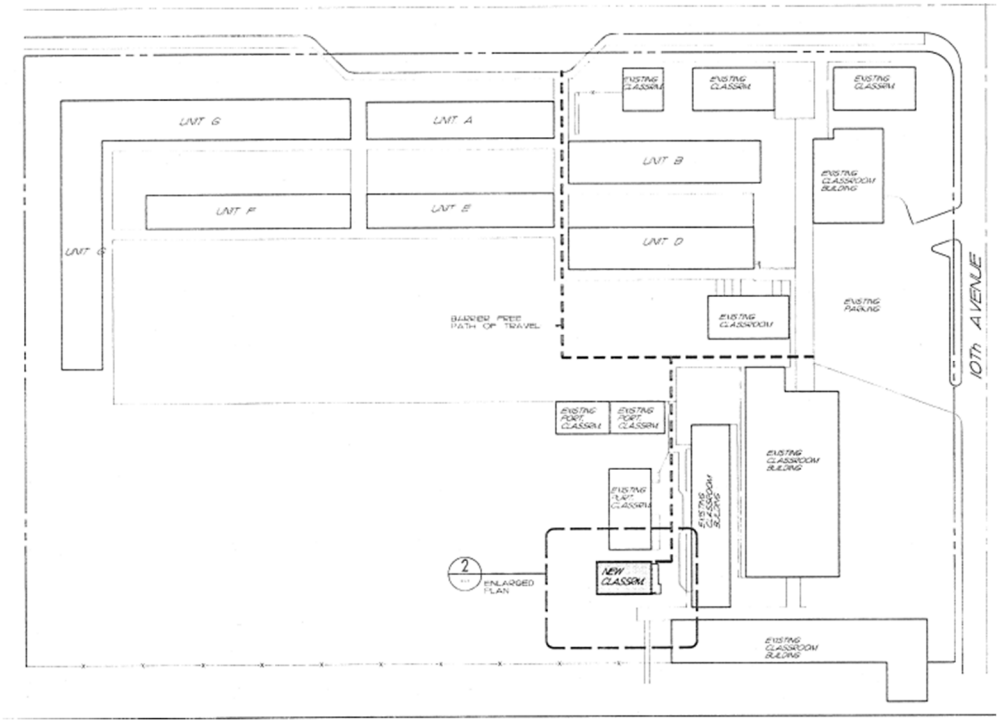
1967 diagram, depicting modifications to the campus including the construction of Building I. Inglewood Unified School District.



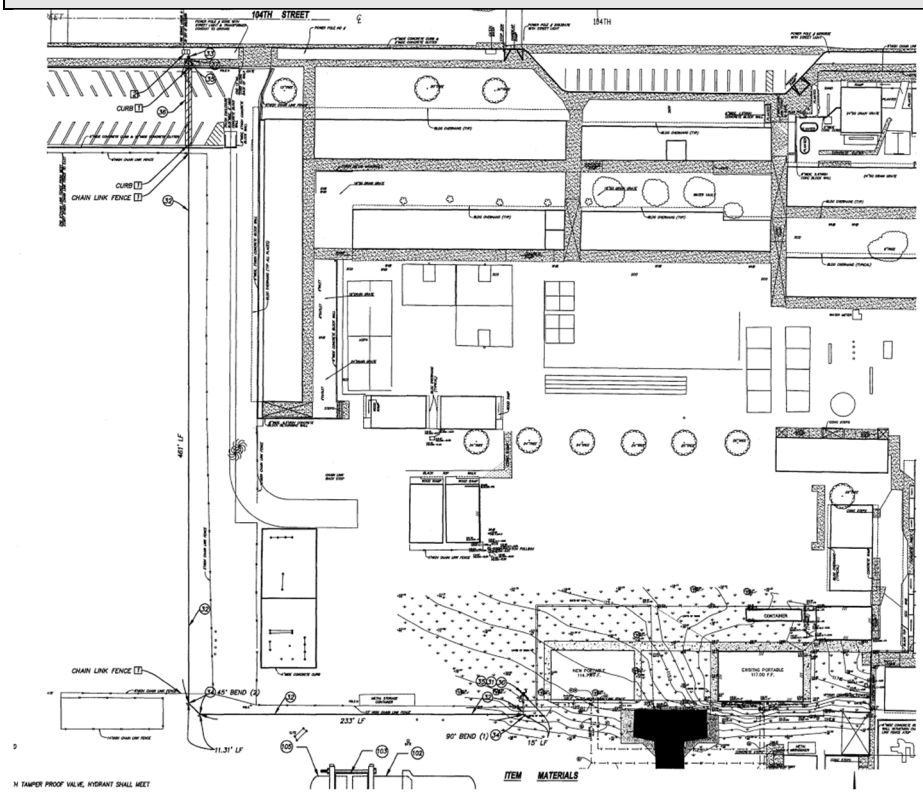
1964 plot plan, depicting portable additions at the campus. Inglewood Unified School District.



1979 plot plan, depicting further portable additions at the campus. Inglewood Unified School District.



1998 site plan, depicting further portable additions at the campus. Inglewood Unified School District.



2006 site plan showing upgrades to the campus, and later portable additions to the campus. Inglewood Unified School District.

***B6. Construction History (continued):**

While most of the money from a 1954 school bond went to neighboring improvements at Morningside High School, some was earmarked for "a cerebral palsy unit" and "additional classrooms" at Woodworth ES.[1] As such, two additional school buildings were added to the Woodworth ES campus in 1955. This included Cerebral Palsy Unit, Building CP and Building F, classrooms are located in the western portion of the site. Building CP was designed as part of the "South West School Districts Co-operative Special Education Program," which was a program between multiple schools in the area, with each school serving a particular population of handicapped students. Building CP included features designed to support students with cerebral palsy including "toilets with railings, therapy room with mats, ladders, and steps beside regular gym equipment."[2]

[1] "School Bonds Vote Scheduled," *The Los Angeles Times,* March 25, 1954.
[2] John Murphy, "Area Opens Arms to Handicapped Children," *The Los Angeles Times*, September 2, 1962.

Jet engines began landing at nearby Los Angeles International Airport (LAX) in January of 1959.[3] Immediately, noise from jet engine-powered planes taking off from and landing frequently interrupted teaching lessons. Jet noise would prove to be a continual issue for students, and a meeting of concerned Inglewood citizens at Woodworth ES later that year allowed for a platform to discuss such noise.[4]

A 14-acre section of open space was designated for a planned, shared, recreation center on land between Woodworth ES and neighboring Morningside High School and Monroe Junior High School. This shared land was originally deemed "unusable" yet was later graded and reassessed to be worth an estimated $50,000 per acre.[5] Aerial photographs from 1963 show the addition of what looks to be a track and a baseball field between the three schools, but it is not clear if the facilities mentioned were ever utilized by Woodworth ES as originally planned. In June of 1959, Building G had been constructed, along with an addition to Building A to expand the building to the west. By November of 1959, more buildings were needed at Woodworth ES due to overcrowding, and $204,432 was earmarked for ten new classrooms, a library, and a conference room for the educational complex, which may have also referred to neighboring Morningside High School and Monroe Junior High School.[6] Building H was constructed in 1964 to the immediate east of Building CP, in the southeastern extent of the property.

In 1970, Woodworth ES was one of five schools reported to be participating in an experimental soundproofing project due to its proximity to LAX. This project was to adapt five Woodworth ES classrooms by sealing windows "soundproofing door casings, installation of soundproofing materials in the ceilings of the rooms, pouring of four inches of lightweight concrete on the roofs of the building and the addition of air conditioning."[7] No plans for this project were located on file with the School District. Jet noise continued to trouble the school and Woodworth ES became one of fourteen schools studied by the University of California Los Angeles (UCLA) to understand if "the physical and emotional health of children attending schools near Los Angeles International Airport is being threatened by jet aircraft noise."[8] School officials reported that Inglewood schools had more fights among students and immense challenges in dealing with environmental pollution from jet fuel. Teachers either had to shout or use bullhorns to be able to teach over airplane noise.[9] Woodworth ES was specifically mentioned in the UCLA study as

[3] UPI Staff, "On This Day: American Airlines makes first commercial transcontinental flight," *United Press International*, January 25, 1959.
[4] "Citizens' mass meet on jet noise planned," *The Southwest Wave,* September 10, 1959.
[5] "School, county officials plan recreation center," *Southwest Topics-Wave*, March 3, 1963.
[6] "Completion of School Plan Work Slated," *The Los Angeles Times*, November 1, 1959.
[7] "Soundproofing Job Proceeds at Five Schools," *The Los Angeles Times,* August 23, 1970.
[8] Harry Nelson, "Jet Noise Threat to Students Told," *The Los Angeles Times*, August 31, 1972.
[9] Ibid.

having a particularly high level of noise pollution, which the study tied to potential negative health effects.[10]

Permanent Building J, and portable structures Buildings K and L were added to the campus around 1972 and in 1974, a new District central kitchen was built, likely supporting the campus' kitchen capabilities.[11] Parenting classes for local families were taught at the school in 1975.[12] In April of 1976, the District was one of five districts that received $20.9 million dollars in a settlement with LAX over jet engine noise, and Woodworth ES was specifically mentioned as most likely to receive funds.[13] In June of that year, a state superior court judge ruled that the District could abandon its busing program that had been implemented to accelerate school integration. Despite this ruling, Woodworth ES would then "serve all children in [its] attendance areas from kindergarten through sixth grade."[14] Overcrowding continued to be an issue, especially after the busing program ended. Building M, a portable classroom structure, was added in 1979, and Building N, another portable classroom structure was added around 1979.

In the 1980s, much news coverage related to Woodworth ES shifted to the school's interaction with the adjacent Darby-Dixon neighborhood, with boundaries located across 104th Avenue. The neighborhood was characterized as having one of the highest crime rates in Inglewood.[15] Coincidentally during this period, Woodworth ES was reported to have the lowest test scores in the District and twice as many students as other District elementary schools. In 1986, to reduce classroom overcrowding, Woodworth ES switched to year-round schooling.[16] Building O, a portable structure, was constructed in 1991.

The 2000s saw massive change and external investment in Inglewood, most notably with the construction of a new 70,000 seat National Football League stadium, which increased property values throughout the neighborhood. However, at the same time, declining enrollment, budget troubles, and low test scores resulted in the state of California's Department of Education taking over control of the District in 2012.[17] Players from the Los Angeles Rams football team, who play in Inglewood, built a new playground for Woodworth ES in 2016.[18]

In 2018, plans were announced to merge Woodworth ES and adjacent Monroe Magnet Middle School into one school.[19] The goal of this consolidation was to allow the District to remove the

10 Ibid.
11 "Central Kitchen for 6 Schools Approved," *The Los Angeles Times*, May 30, 1974.
12 Valerie Riedy, "Inglewood parents learn their ABC's," *The Redondo Reflex*, February 5, 1975.
13 "School Districts Divide Settlement With Airport," *Westchester-Ladera Observer*, April 21, 1976.
14 Fanucchi, "Inglewood Decides Against School Boundary Changes."
15 Dirk Broersma, "Parent vs. Woodworth: A textbook case of diversity," *The Daily Breeze*, July 18, 1962.
16 Marc Lacy, "Protest by 200 Parents Stalls Inglewood Plan for All-Year Schooling," *The Los Angeles Times*, April 18, 1991.
17 Anna Phillips, "Under state control, school district spirals," *The Los Angeles Times*, April 10, 2018
18 Amanda Scurlock, "L.A. Rams Built Playground for Inglewood School," *The Los Angeles Sentinel*, June 23, 2016.
19 Phillips, "Under state control, school district spirals."

portable classrooms and lease land near schools as a source of revenue.[20] Also in 2018, the Los Angeles County Office of Education took control of the District. Ground was broken for the "Woodworth-Monroe TK-8 Academy" in 2019, signaling the beginning of improvements for the school merger.[21] It appears that the Monroe Magnet Middle School campus underwent campus upgrades during this period, and that Woodworth ES campus ceased operation between 2020 and 2021.[22] District-wide enrollment continued to decline, with a 40% drop between 2012 and 2022.[23] Today, Woodworth ES's Building CP is utilized as the District's CDC, a preschool for children whose parents "work, go to school, are in training for jobs, seeking employment, and[/or] are homeless."[24] All available building plans are included in Table 1, below.

20 Ibid.

21 "Inglewood Unified Breaks Ground for New TK-8 Academy," California School News Report, February 1, 2019, https://caschoolnews.net/articles/inglewood-unified-breaks-ground-for-new-tk-8-academy/#:~:text=Inglewood%20Unified%20State%20Administrator%20Dr.%20Thelma%20Mel%C3%A9ndez%20de,for%20students.%20The%20academy%20will%20open%20in%20fall; and Phillips, "Under state control, school district spirals."

22 Los Angeles World Airports, "LAWA Completes Sound Insulation Work at Woodworth-Monroe TK-8 Academy," LAWA press release, December 18, 2020; and author site visit to the Woodworth ES campus on October 13, 2022.

23 Catalina Villegas, "10 years after state takeover of schools, are Inglewood students better off?," *Spectrum 1 News*, April 18, 2022.

24 "About Us," Child Development Center website, Inglewood Unified School District, accessed January 13, 2023, https://cdc.inglewoodusd.com/apps/pages/index.jsp?uREC_ID=1469389&type=d&pREC_ID=1623286.

TABLE 1
EARLY WOODWORTH ELEMENTARY ARCHITECTURAL DRAWINGS

Date	Project/Application #	Architect/Engineer	Description
5/20/1953	Application #10704	H. L. Gogerty	Buildings A, B, C, D, and E were constructed first
4/20/1955	Application #A-12840	H. L. Gogerty	Buildings CP and F depicted. CP building included: matron dining, physical therapy, exercise rooms, speech room, toilet training, pre-school, upper and primary grade classrooms
6/8/1959	Application #18531	H. L. Gogerty, F.A.I.A. and D. Stewart Kerr, A.I.A.	Building G constructed, Building A addition, exterior elevations, roof details, floor plans, finish and door schedules for Buildings A, B, and G
6/24/1964	Application #24937	Balch – Hutchason - Perkins	Building H, portable with four classrooms
6/28/1967	Application #29299	Designed Facilities Corporation	Building I constructed, elevations/plans
4/3/1979	Application #41883	Johnson & Silverstein Architects, A.I.A.	Building K constructed, portable with two classrooms
1/24/1991	Job #291-90	Edward C. Barker & Associates, Architects, A.I.A.	Building L constructed, portable
1/20/1988	N/A	N/A	Portable building constructed (possibly Building M)
6/2/1999	Job #9951.08	Westberg + White Architects & Planners	Woodworth Elementary Class Size Reduction project, construction of portables which have since been demolished (general location)
8/31/2006	Job #20607.10	Dougherty Dougherty Architects LLC	Woodworth Elementary Head Start Modular Classroom Buildings project, construction of portables which have since been demolished (general location)

***B10. Significance (continued):**

The History of Inglewood: Settlement, Development and Growth (1822–Present)

During the rancho period, the area that is now the City of Inglewood was part of the *Rancho Aguaje de la Centinela* and the *Rancho Sausal Redondo*. A year after Mexico gained independence from Spain and control of California in 1822, Los Angeles resident Antonio Avila received a land grant for *Rancho Sausal Redondo* and grazed cattle there as well. The rancho encompassed the areas that are now the Cities of Redondo Beach, Inglewood, Hawthorne, El Segundo, Lawndale, Manhattan Beach and Hermosa Beach. In 1834 Ygnacio Machado, one of the original leather jacket soldiers that escorted settlers to Los Angeles, built the Centinela Adobe. The Centinela Adobe was in the center of what became a 2,200-acre ranch on a portion of the *Rancho Sausal Redondo*. Machado had moved onto what he claimed was still public land, which was granted to him as the *Rancho Aguaje de la Centinela*.

Soon after, Machado traded the *Rancho Aguaje de la Centinela* for a keg of whiskey and a home in the Pueblo of Los Angeles. The property traded hands many times and was eventually acquired by a Scottish nobleman named Robert Burnett, who eventually added the much larger *Rancho Sausal Redondo* to his holdings and once again combined the ranchos. Burnette eventually returned to Scotland and leased the ranch to a Canadian immigrant who was considered by many to be the founding father of Inglewood: Daniel Freemen. In spite of drought and other hardship Freeman successfully farmed barley on the ranch and purchased it from Burnette with gold in 1885. Freeman went on to become a major land developer in Inglewood.[25]

Centinella Springs (California Historical Landmark 363), or Aguaje de Centinela, was a valued source of spring water for the *Rancho Aguaje de la Centinela* and was described as continuously existing since the Pleistocene Era. The site is still located at the corner of Centinela Avenue and Florence Boulevard.[26]

Excursion trains from Los Angeles brought many prospective land buyers to Inglewood and it was able to grow to 300 residents by 1888. On May 21, 1888, a school opened with 33 students. Around this time, businesses, including Mrs. Belden's Boarding House, two grocery stores, a drug store, a planning mill, a wagon repair shop, a plumbing shop, a livery stable, and five real estate offices, were built on Commercial Street (now La Brea).[27] With a population of about 1,200, Inglewood was incorporated on February 10, 1908.

On the evening of June 21, 1920, a large earthquake struck Inglewood. While there was a lot of damage to buildings, there was no loss of life. The next few days saw a large number of tourists coming to Inglewood to view the damage. The climate impressed the visitors who had previously never been to Inglewood, and many settled there. The population grew to 3,286 in 1920, and in the next two years the population doubled, making Inglewood the fastest growing city in the nation at that time.[28]

The Andrew Bennett Ranch was leased by the City of Los Angeles and converted into Mines Field in 1927, the airport of Los Angeles. National Air Races were held on Mines Field in 1927, and the first passenger flight landed in 1928. In 1929, the Graf Zeppelin (a German hydrogen filed ridged airship) landed on the Mines Field.[29]

The 1932 Olympic Games were held in Los Angeles, and three Inglewood High School alumni won medals. Many buildings in Inglewood were used as training facilities, and the marathon

25 John Kielbasa, *Historic Adobes of Los Angeles County* (Pittsburgh: Dorrance Publishing Co., 1998).
26 California Office of Historic Preservation, "Historical Landmark: Centinela Springs," California Office of Historic Preservation website, accessed December 15, 2022, http://ohp.parks.ca.gov/ListedResources/Detail/363.
27 Gladys Waddingham, *The History of Inglewood* (Los Angeles: Historical Society of Centinela, 1994).
28 Ibid.
29 Ibid.

route went through the town.[30] Until World War II, Inglewood had largely been supported by agricultural industry. The defense industries, in response to WWII, transformed Inglewood into an urban community when industrial activities brought more people to live in the city. In 1946, major airlines moved operations to the Los Angeles International Airport (LAX) airport and two new hangers needed to be constructed.[31] In 1949, the airport was designated as an intercontinental air terminal by the federal government.[32]

In 1967, The Forum was opened as the home of the Los Angeles Lakers of the National Basketball Association and the Los Angeles Kings of the National Hockey League. It also hosted a number of events such as concerts, rodeos, boxing, the circus, and ice shows.[33] The Forum underwent a rehabilitation, was listed on the National Register and the California Register and reopened in 2014. Additionally, at that time, The Forum underwent an adaptation from an arena primarily designed for sporting events to an arena primarily used for music and entertainment events.

In the 1970s, a new health center was built on Manchester, and high-rise office buildings were constructed on La Brea. A new civic center was dedicated in 1973. Airport Park View Motel opened between Hollywood Park Race Track and The Forum.[34] Many senior housing developments were also built in Inglewood during the 1970s.

More recent developments include the closure of the Hollywood Park Race Track, in 2013, and demolition of the track in 2016. A new NFL stadium, the SoFi Stadium, is part of a new 298-mixed-use development in Inglewood that includes commercial office space, retail, a hotel, residential units and outdoor parks was recently constructed and is now in operation.[35] The stadium is home to the Los Angeles Chargers and the Los Angeles Rams, and recently hosted Super Bowl LVI and will host the Opening and Closing Ceremonies of the Olympic Games in 2028.

Mid-Century Modernism/Regional Modernism (1945–1960): Postwar Modern Functionalist Schools

The initial buildings at Woodworth ES campus (Buildings A, B, C, D, E and F) were designed by H. L. Gogerty in the Mid-Century Modern/Regional Modern style and constructed in 1953. As

30 Ibid.
31 Ibid.
32 Ibid.
33 Ibid.
34 Ibid.
35 "About SoFi Stadium," SoFi Stadium website, accessed May 19, 2022, https://www.sofistadium.com/.

identified in the Los Angeles Unified School District context, the Mid-Century Modernism, or Regional Modernism style was discussed as follows:

> Mid-Century Modernism, or Regional Modernism, represents a middle ground between the formal, machine-age aesthetic of the International Style and a regional idiom reflecting local precedent and identity. In the postwar period through the 1960s, as practiced in Southern California, Mid-Century Modernism took its cues from the region's first-generation modernist architects such as Richard Neutra, Rudolph Schindler, Gregory Ain, Frank Lloyd Wright, and Harwell Hamilton Harris. In the postwar period, second-generation practitioners such as Raphael Soriano, Whitney Smith, and A. Quincy Jones, among many others, established Los Angeles as a center for innovative architectural design and culture.
>
> Mid-Century Modernism is characterized by an honest expression of structure and function, with little applied ornament. Aesthetic effect is achieved through an asymmetrical but balanced, rhythmic design composition, often expressed in modular post-and-beam construction. Whether wood or steel, post-and-beam construction allowed for open floor plans, ease of expansion, and generous expanses of glazing to heighten indoor-outdoor integration. Infill panels of wood or glass are common, with glazing often extending to the gable. Buildings are generally one to two-stories, with an emphasis on simple, geometric forms. Capped with low-pitched gabled or flat roofs, a Mid-Century Modern building often displays wide eaves and cantilevered canopies, supported on spider-leg or post supports. Sheathing materials vary, with wood, stucco, brick and stone, or steel-framing and glass. Windows are generally flush-mounted, with metal frames.
>
> This style was seen in postwar institutional and commercial buildings, as well as residences, from 1945 until circa 1975, when Title 24 restrictions on the use of glass curtailed the expansive glazing that characterizes the style. Typical Character-Defining Features:
>
> - Horizontal design composition and massing; generally one to two stories
> - Simple, geometric volumes
> - Flat or shed roof, often with wide, cantilevered overhangs
> - Exterior materials include stucco, brick, or concrete
> - Modular design and planning
> - Aesthetic qualities derive from use of simply treated materials and excellent craftsmanship
> - Direct expression of structural systems, often in wood or steel post-and-beam
> - Lack of historicizing ornament
> - Generous expanses of fenestration, including bands of grouped multi-light windows

- Extensive use of sheltered exterior corridors, with flat or slightly sloped roofs supported by posts, piers, or pipe columns[36]

H.L. Gogerty, Architect

Henry L. Gogerty was born in 1894 in Zearing, Iowa and earned bachelor's degrees in architecture and engineering from the University of Illinois, and later, a special certificate of architecture from USC in 1923.[37] Gogerty attended Field Artillery Officer Training School and served as a superintendent of airport construction in the United States Army, Signal Corps, from 1917 to 1918. After serving in the Army's field artillery in World War I, he settled in Los Angeles and formed a partnership with architect Carl Jules Weyl in 1926 that lasted approximately two years. Gogerty obtained his license to practice architecture in the state of California in 1927 and shortly after, opened his own architectural practice, H. L. Gogerty Associates. On his own, he is credited with designing over 350 schools in Southern California as well as industrial complexes including the Hughes Aircraft complex in Mar Vista.[38] The massive, 274,000-square-foot Hughes Aircrafts cargo plane assembly building was considered a singular engineering achievement in wood framing.[39] In regard to his expertise in school design, Gogerty was well-known for his design of gliding acoustical walls for flexible classroom construction, which won him a national construction science achievement award from the American Institute of Architects.[40] Gogerty designed Buildings A, B, C, D, and E for Woodworth ES in 1953, and Buildings F and CP in 1955. He was awarded fellowship in the American Institute of Architects in 1953, and ceased practice under H. L. Gogerty Associates in 1968. Over the course of his career, he was additionally involved with designing shopping centers, office buildings, jails, and transportation-related structures.[41] Gogerty died in 1990 in Los Angeles at the age of 96.

Clyde Woodworth, City Attorney

Clyde Cyril Woodworth was born in Inglewood, California in 1890. He studied at Occidental College for one year before attending the USC's night law school, receiving his law degree in 1913.[42] That same year he became the youngest Inglewood city attorney. Woodworth was regarded as one of the most qualified men in the state on municipal law and municipal government in general.[43] In addition to Inglewood city attorney, he became city attorney of El Segundo in 1917, South Gate in 1930, Manhattan Beach in 1934, and Gardena in 1949. He

36 "Los Angeles Unified School District: Historic Context Statement, 1870 to 1969," 126–127.
37 "Henry L. Gogerty (Architect)," Pacific Coast Architecture Database, accessed January 13, 2023, http://pcad.lib.washington.edu/person/1414/.
38 "Henry L. Gogerty; Architect Who Designed Gliding Classroom Walls," *The Los Angeles Times*, April 6, 1990.
39 Ibid.
40 Ibid.
41 Ibid.
42 "Former City Attorney Dead at Seventy-Five," *Gardena Valley News and Gardena Tribune*, June 24, 1965, 3.
43 Ibid.

also served as the city attorney of Redondo Beach between 1929 and 1934.[44] He was the first graduate of Inglewood High School to later serve on as a trustee of the Inglewood School District. The Inglewood Board of Education dedicated a new elementary school to him, "Clyde Woodworth School," in 1955 and celebrated him in a "Founders' Day" celebration.[45] He maintained a private law office following his retirement until he died at the age of 75 in Inglewood in 1965. He is buried in Inglewood Park Cemetery.[46]

Cerebral Palsy Unit (Building CP) and Cerebral Palsy in Los Angeles County

The "South West School District's Co-operative Special Education Program" was a multi-school district program in the Centinela Valley which served students that were deaf, hard of hearing, blind, nearly blind, mentally handicapped, diagnosed with cerebral palsy, or were suffering from a deformity or bone disease.[47] Announced in 1954 and fully operational by 1958, students with cerebral palsy were enrolled at Woodworth ES in Inglewood, blind students were enrolled at Washington School in Hawthorne, partially-sighted students were enrolled at Perry and North School in Torrance, deaf and hard of hearing students were enrolled at Anderson School in Lawndale, and Hawthorne High School in Hawthorne, orthopedic and delicate students were enrolled at Buford School in Lennox, and those severely handicapped in both Lennox and Torrance.[48] Dr. Keith A. Hunsaker, director of the district's co-operative special education program noted, "we assume the physically handicapped students have the same needs as (able-bodied) children and we attempt to educate them with and near (able-bodied) children as much as possible.[49] He was himself a polio victim and spoke about the need to educate students with disabilities over speaking tours throughout Los Angeles County.[50]

Woodworth ES's Building CP was constructed in 1955 for "cerebral palsy victims [who would be provided with] toilets with railings, mats, and physical therapy room with matts, ladders, and steps besides regular gym equipment is provided."[51] Each of these special education programs were conducted at existing neighborhood schools with the idea of having handicapped children integrate with able-bodied children on the playground and in the classroom. It is unclear if handicapped students in fact integrated in the classroom and on the playground with able-bodied students, as original building plans for Building CP indicate distinct classrooms per grade level, and early aerial photographs indicate a separate, enclosed adjacent playground which remains today.

44 Ibid.
45 "Honored," *Gardena Valley News and Gardena Tribune*, February 10, 1955.
46 "Former City Attorney Dead a Seventy-Five."
47 "School Bonds Vote Schedule," *The Los Angeles Times*, March 25, 1957.
48 Herby Jay Vida, "Handicapped Study in Area School Districts," *The Los Angeles Times*, 1949.
49 Vida, "Handicapped Study in Area School Districts."
50 Ibid.
51 John Murphy, "Area Opens Arms to Handicapped Children," *The Los Angeles Times*, September 2, 1962.

These special education programs were considered successful by 1962 and many enrolled children moved to the area from neighboring states to attend them – especially those who were a part of the cerebral palsy classes at Woodworth ES.[52] The entire program cost $250,000 a school year and at least 75% of the cost was paid by the state, as there was no cost to the children's' parents.[53] The last record of reporting on this program was in 1962, yet it is unknown when Building CP stopped being used to educate students with cerebral palsy.

A preliminary search of historic newspapers indicates that cerebral palsy units have existed in the United States since at least 1942, with units located within hospitals, schools, and separate facilities.[54] Over 6,000 newspaper articles mentioning "Cerebral Palsy Unit" were published across the county between 1942 and 2010, with over 700 in California alone 300 of which were appeared in Los Angeles County newspapers.[55] Newly-opened cerebral palsy units in Los Angeles County in the 1940s and 1950s included those at the Orthopedic Hospital in Los Angeles (1949), the Lee Orthopedic School (later Seaside) in Long Beach (1951), the Lincoln School in Paramount (c. 1952), the North Hollywood Hospital in Los Angeles (c. 1955), a stand-alone unit located in Panorama City (1956), and the St. John's Hospital in Los Angeles (1957).[56] Further, the California's Elks Association program created mobile cerebral palsy units which serviced elementary schools in Antelope Valley (c. 1954), and additional cerebral palsy units catering to nursery-school aged children within Los Angeles County included those at White Memorial and Children's Hospital, and the UCLA School of Medicine.[57]

The high volume of cerebral palsy units serving handicapped children in the 1950s period reflects the statistics of an era where there were "more than 17,000 [cerebral palsied persons] in the Los Angeles County and 600,000 in the country. Statistics show that once every 53 minutes a child afflicted with cerebral palsy will be born."[58] Extensive studies and research at mid-century improved the understanding of how to diagnose and treat those affected with cerebral palsy.[59] Additionally, the United States experienced an initial decrease in the number of affected

52 Murphy, "Area Opens Arms to Handicapped Children."

53 "Summer School district summer classes for students with disabilities," *The Los Angeles Times*, June 29, 1958.

54 See Newspapers.com search keyword "Cerebral Palsy Unit," entries ranging from 1942 to 2010, https://www.newspapers.com/search/?query=%22cerebral%20palsy%20unit%22&p_province=us-ca&sort=facet_year_month_day%20desc%2C%20score%20desc.

55 Ibid.

56 Christy Fox, "Tea Will Launch Orthopedic Unit," *The Los Angeles Times*, February 8, 1949; "Pacific Telephone Company Installs Switchboard Therapy for Children," *Gardena Valley News and Gardena Tribune*, December 9, 1954; "Mrs. Cushenbery to Open Season for La Sertoma Club," *The Van Nuys News and Valley Green Sheet*, September 27, 1955; and Betty Gray, "Modern Cerebral Palsy Unit Opens," *Valley Times*, February 15, 1966.

57 "Cerebral Palsy Units Get $58,500 Grants," *The Los Angeles Times*, December 22, 1955; and "Elks Cerebral Palsy Unit Stated in Antelope Valley," *Valley Times*, April 2, 1954.

58 Gray, *Valley Times.*

59 "Professor Andras Peto," Andras Peto Faculty Semmelweis University website, accessed February 6, 2023, https://semmelweis.hu/pak/en/about-us/about-dr-andras-peto/.

children in the 1950s and 1960s due to "better understanding and treatment of maternal-fetal Rh incompatibility and improvements in obstetric techniques."[60]

Statement of Significance:

ESA evaluated the Woodworth ES campus, with its sixteen structures for eligibility for listing in the National Register and California Register as a potential historic district. Thirteen of the sixteen extant buildings at the Woodworth ES campus, including Buildings A, B, C, D, E, F, CP, G, H, I, J, K, and L, were considered for historic significance as a historic district as they met the age threshold of 45 years of age or more for CEQA.

Criterion A/1: Events

The Woodworth ES campus was constructed beginning in 1953, with additions ranging up until 1991. The campus was constructed as one of many in southern California and across the country during a period of immense population growth and rapid development following World War II. After the initial construction of Buildings A, B, C, D, and E, in 1953, two more buildings were constructed on campus in 1955, including Buildings F and CP. The school's expansion similarly paralleled the City of Inglewood's significant growth and development in the years that immediately followed the war. This included the development of many single- and multi-family homes in the Morningside Park neighborhood, and the construction of the adjacent Morningside High School (along W. 104th Street) and Monroe Middle School (along S. 10th Avenue). Yet while Woodworth ES was constructed during a period of tremendous development, the school does not appear to have been significant at a state or national level for its development within Inglewood during the mid-20th century period and as such the campus does not rise to a level of significance at the National or State level for eligibility under Criterion A/1 for its association with a larger Mid-Century pattern of development.

Three years after initial campus construction, the Cerebral Palsy unit, Building CP was constructed a part of a larger multi-district program to educate handicapped children. This unit offered various trainings and teachings to those who were disabled with cerebral palsy. While one newspaper article indicated that children came from out of state to attend the cerebral palsy program at Woodworth ES, it appears that there were many such programs located in both in schools, hospitals, and private facilities across the country most prominently between 1942 and the early 1980s, with some programs in operation today. There was no evidence to suggest that Building CP at Woodworth ES was a novel or influential school facility, nor was it the first building constructed to house such a treatment and education facility. It is unclear when Woodworth ES ceased utilizing Building CP explicitly for students affected by cerebral palsy, yet the last record that references the unit at the school was written in 1962, roughly 9 years after

[60] Frederick M. Azar MD, "Cerebral Palsy, Etiology," as taken from Campbell's Operative Orthopaedics, 2021, on ScienceDirect website, accessed February 6, 2023, https://www.sciencedirect.com/topics/nursing-and-health-professions/cerebral-palsy.

its construction. Therefore, Woodworth ES does not appear to have been significant at the state or national levels for its cerebral palsy unit, as this appears to have been one of many such facilities constructed and operated during the mid-century period when cerebral palsy appeared to be more prevalent. As such, the campus does not rise to a level of significance at the National or State level for eligibility under Criterion A/1 for Building CP's original use as a cerebral palsy unit in southern California.

Criterion B/2: Significant Persons

Woodworth ES, or the Clyde Woodworth School, was named after Inglewood city attorney, Clyde Woodworth upon its opening in 1953. In addition to serving as Inglewood city attorney, Woodworth was also the city attorney for El Segundo, South Gate, Manhattan Beach, Gardena, and Redondo Beach at various points, and led a private law office until he died in 1965. Woodworth ES was named after Woodworth toward the end of his life, yet aside from bearing his namesake in one of several cities where he presided as city attorney, Woodworth did not attend the school, nor did he participate in administrative activities, or notable events at the campus itself. He was celebrated at the school in 1955 in a Founder's Day celebration, where he participated for a few hours before returning to work. It does not appear that Woodworth had a significant connection to the school, other than bearing his name to the campus, nor does his legacy appear rise to a level of significance for Woodworth ES to satisfy Criterion B/2 for eligibility related to a historic personage. Woodworth ES is further not identified with the productive life of significant individual District teachers, principals, administrators, or any other persons important in our past.

Criterion C/3: Design/Construction

The first buildings constructed at Woodworth ES were Buildings A, B, C, D, and E, built between 1953 and 1954 to designs by notable architect H. L. Gogerty and designed in a vernacular Mid-Century Modern/Regional Modern style. Later Buildings CP and F were constructed in 1955, also to designs by Gogerty. Buildings G, H, I, K, and L were constructed as portable structures designed by Balch – Hutchason- Perkins between 1959 and about 1972. Portable structure Building J was constructed between 1964 and 1979 and its architect is unknown. The campus is a simplistic example of campus plant layout and is not reflective of a master planned campus. Woodworth ES does not include an innovative campus design, and its buildings lack distinction and share the same modular design, elevations, and floorplans. The utilitarian building includes several Mid-Century Modern/Regional Modern style character-defining features including one-story simple horizontal volumes, flat roofs with cantilevered overhangs, stucco, modular planning, lack of historicizing ornament, and bands of grouped multi-lite windows. Roughly half of the extant buildings at the campus were constructed as temporary portable structures to accommodate overcrowding and were not deliberately part of a larger master plan. As such, the campus is not a notable example of a Mid-Century Modern designed campus or school plant.

While southern California architect Henry L. (H.L.) Gogerty was involved with the design of the original buildings and several later additions, Woodworth ES was designed during the height of the architect's career, which spanned more than 40 years. Most notable for his work in post-war educational design, Woodworth ES was one of over 350 schools that Gogerty designed in California which appears to be a formulaic campus lacking distinction for its layout, circulation, and overall design. Gogerty was regarded for his innovative work in designing gliding acoustical walls for flexible classroom construction, one of which appears present at Building C. Gogerty was known for commissions including the Desert Air Hotel, Palm Desert Airpark, Hughes Aircraft, Benix Aviation, and Union Pacific Railroad buildings, in addition to shopping centers, offices, and jails. Two of the Hughes Aircraft campuses were adaptively reused in the 2010s.[61] The Woodworth ES campus did not win any awards for its design and appears utilitarian in its repetitive use of elongated structures and a lack of an overall campus plan. As such, Woodworth ES does not appear to rise to a level of significance to satisfy Criterion C/3 for eligibility related to its Mid-Century Modern style design, or for its association with architect H.L. Gogerty.

Criterion D/4: Data Potential

Woodworth ES is not likely to yield any information important to prehistory or history. Therefore, Woodworth ES does not meet the above criterion.

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