

PHASE I ENVIRONMENTAL SITE ASSESSMENT

California Department of Public Health Laboratory
1449 West Temple Street
Los Angeles, California 90026

February 4, 2015



AVOCET
ENVIRONMENTAL, INC.

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California Department of Public Health Laboratory
1449 West Temple Street
Los Angeles, California 90026

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PREPARED FOR

State of California
Department of General Services
Real Estate Services Division, Environmental Services
707 3rd Street, 5th Floor
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PREPARED BY

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Project No. 1386.001





February 4, 2015

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Mr. Terry Todd
Senior Real Estate Officer
STATE OF CALIFORNIA,
DEPARTMENT OF GENERAL SERVICES
Real Estate Services Division
707 3rd Street, 5th Floor
West Sacramento, California 95605

Phase I Environmental Site Assessment
California Department of Public Health Laboratory
1449 West Temple Street
Los Angeles, California 90026

Dear Mr. Todd:

This report documents a Phase I environmental site assessment for the approximately 1-acre California Department of Public Health Laboratory property at 1449 West Temple Street in Los Angeles, California.

As always, Avocet Environmental, Inc. appreciates the opportunity to be of service to the California Department of General Services. If you have any questions about the report or require additional information, please do not hesitate to contact the undersigned at (949) 296-0977 Ext. 111 or at dsiren@avocetenv.com.

Respectfully submitted,

AVOCET ENVIRONMENTAL, INC.

A handwritten signature in black ink, appearing to read "Deke Siren".

Deke Siren, P.G.
Project Manager

DCS/JMS:sh
Attachments
cc: Mr. Daniel O'Brien – California DGS

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LIST OF ABBREVIATIONS AND ACRONYMS

ACM	asbestos-containing material
ADL	aerially deposited lead
AEC	Advantage Environmental Consultants
ASTM	ASTM International
Caltrans	California Department of Transportation
CDOGGR	California Division of Oil, Gas, and Geothermal Resources
CDPH	California Department of Public Health
CREC	controlled REC
DGS	Department of General Services
DTSC	California Department of Toxic Substances Control
EDR	Environmental Data Resources, Inc.
EPA	U.S. Environmental Protection Agency
ESA	environmental site assessment
HREC	historical REC
LACoDPW	Los Angeles County Department of Public Works
LACoEHD	Los Angeles County Environmental Health Department
LACoFD	Los Angeles County Fire Department
LACoSD	Sanitation Districts of Los Angeles County
LADPW	City of Los Angeles Department of Public Works
LAFD	City of Los Angeles Fire Department
LARWQCB	California Regional Water Quality Control Board, Los Angeles Region
LBP	lead-based paint
OEF	other environmental feature
pCi/L	picocuries per liter
PCBs	polychlorinated biphenyls
REC	recognized environmental condition
SCAQMD	South Coast Air Quality Management District
USEPA	United States Environmental Protection Agency
USGS	U.S. Geological Survey
UST	underground storage tank
XRF	X-ray fluorescence

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EXECUTIVE SUMMARY

Avocet Environmental, Inc. (Avocet) has conducted a Phase I environmental site assessment (ESA) and a hazardous materials survey for the approximately 1-acre property at 1449 West Temple Street in Los Angeles, California (the site). Avocet conducted the Phase I ESA on behalf of the State of California, Department of General Services, Real Estate Services Division, which is considering divesting the site. The Phase I ESA was conducted in general accordance with the scope and limitations of ASTM International (ASTM) Standards E1527-05 and E1527-13.

SUMMARY OF SITE HISTORY AND OPERATIONS

The approximately 1-acre site is located in the eastern portion of Central Los Angeles and is bordered to the north by US Highway 101 (Hollywood Freeway), to the south by West Temple Street, to the east by the Temple Villas apartment complex, and to the west by single-family homes. The site location is shown in Figure 1 and a site plan on an aerial photo base is presented in Figure 2. The Assessor's Parcel Number for the site is 5160-005-900 and it is currently zoned for Neighborhood Commercial use. The site consists of one 30,000-square-foot, two-story building. A paved parking lot covers the remainder of the site.

The first known use for the site was for residential occupancy, which began as early as 1923. According to an interview during a site visit conducted by Avocet personnel on October 21, 2014, the building that currently stands at the property was constructed in or around 1968 and has been used as a laboratory, with the laboratory on the first floor and offices on the second floor. The laboratory was originally built for use by the former California Department of Health Services (now the California Department of Public Health [CDPH]). The CDPH and its Food and Drug branch used the laboratory mainly for testing drinking water to certify local purveyors of well water. In the early 1990s, part of the laboratory space was leased out to the California Department of Toxic Substances Control (DTSC). CDPH and DTSC both used the facility until January of 2013, when the last of the CDPH operations were moved elsewhere. DTSC has ceased laboratory operations at the facility with all site activities ending in early 2015.

The first floor of the building has historically consisted of both an organic and an inorganic laboratory equipped for the analysis of all types of media for the presence of hazardous substances. A very small portion of the laboratory was also utilized as a biological lab for E-coli analysis. The second floor of the building has been utilized as office space. A laboratory intended to be used for drinking water analysis was temporarily set up in one room on the second floor, but due to a lack of funding to run the laboratory, the equipment was moved to another location and the space was converted into office cubicles.

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PRINCIPAL FINDINGS

The principal findings of the Phase I ESA for the subject site are outlined below, followed by a summary of identified “recognized environmental conditions” (RECs), controlled RECs (CRECs), historical RECs (HRECs), and other environmental features (OEFs).

- The site is within the administrative boundaries of the Los Angeles City oil field and a Methane Buffer Zone. Records do not indicate that there are, or have ever been, any oil wells directly on the site, but there are several hundred oil wells within the Los Angeles City oil field, the nearest of which are located 0.2 mile south of the site. Based on the above, there is no direct indication that the site has been impacted by oil and gas development. However, as the site is within the Methane Buffer Zone, future redevelopment of the site would need to be designed in compliance with the applicable methane ordinances.
- Naturally occurring radon levels in the site vicinity are expected to be very low and within regulatory agency criteria.
- Based on the available information, there are no indications, either documentary or anecdotal, of hazardous substances releases at any of the adjoining or nearby properties. As such, vadose zone impacts from offsite sources are considered unlikely.
- A variety of potentially hazardous substances, including laboratory chemicals/wastes, solvents, and metals/salts have been used and stored at the site, although inventory records show that these substances have been kept in small quantities. An inventory of chemicals that are stored at the site is included in Appendix H of this report. As discussed below, there are indications that an accidental refrigerant release occurred at the site, but *de minimis* residual contamination, if any, is expected.
- Discharge from the sinks in the laboratory pass through a clarifier before being discharged to the sanitary sewer. During the October 21, 2014 site visit, water was flowing from the top of the clarifiers due to reported roots in the discharge pipe. Also, due to cracks and seams commonly found in clarifiers, they are often a point source for chemicals entering the subsurface.
- A Hazardous Building Materials Survey was completed at the property by Advantage Environmental Consultants on October 21, 2014. The survey focused specifically on locating and identifying the presence of asbestos-containing materials (ACMs), lead-based paint (LBP), polychlorinated biphenyls (PCBs), and potential mercury sources within and on structures at the subject site. The results of the survey indicated no presence of PCBs, LBP, or mercury. Four of the building materials sampled tested positive or trace for ACMs, although they were described as being in good condition and not requiring abatement.

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RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

ASTM (2013) defines RECs as:

“. . . the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.”

Based on the subject Phase I ESA, Avocet has identified two RECs at the site, as follows:

- **REC 1 – Freon[®] 22.** On August 21, 2002, approximately 350 pounds of Freon[®] 22 were released from a chiller unit located in the northeast corner of the property. The release was due to a ruptured heat pump on the suction line. Although the spill was reportedly contained, Freon[®] 22 may have impacted the subsurface due to its high vapor density compared to air. As such, the release of Freon[®] 22 refrigerant is considered a REC for the purposes of this Phase I ESA.
- **REC 2 – Wastewater Clarifier.** Wastewater from sinks in the laboratory flows through a subsurface clarifier before being discharged under permit to the sanitary sewer system. In addition to the potential for leaks from the clarifier, particularly the inlet and outlet connections, Avocet observed overflow from the clarifier due to an obstructed discharge line. Because of the potential for hazardous wastewater constituents to have been released, the clarifier is considered a REC for the purposes of this Phase I ESA.

CONTROLLED RECs (CRECs)

ASTM (2013) defines CRECs as a REC:

“ resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

Based on the subject Phase I ESA, Avocet has not identified any CRECs at the site.

HISTORICAL RECs (HRECs)

ASTM defines HRECs as

“ a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction

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of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

Based on the subject Phase I ESA, Avocet has not identified any HRECs at the site.

OTHER ENVIRONMENTAL FEATURES (OEFs)

OEFs are potential environmental features or conditions that do not meet the ASTM definition of a REC, CREC, or HREC but which may warrant mention in a comprehensive Phase I ESA. Based on the subject Phase I ESA, three OEFs have been identified at the site, as summarized below. To minimize possible confusion, the REC and OEF identification numbers are sequential.

- **OEF 3 – Methane.** The site is within an administrative boundary of an oil field, and as such, future development will need to be designed in compliance with the applicable methane ordinances.
- **OEF 4 – Methylene Chloride Spill.** A small (less than 4 liters) spill of methylene chloride reportedly occurred in the back hallway of the ground floor of the laboratory in January 2001 (Figure 2). Based on the available information, the spill was completely contained and immediately cleaned up by the CDPH. As such, its impact, if any, on the subsurface environment is likely to have been *de minimis* and is, therefore, considered an OEF rather than a REC for Phase I ESA purposes.
- **OEF 5 – Asbestos-Containing Material.** The presence of asbestos has been confirmed in four different construction materials and is assumed to be present in transite material in the building. With the exception of sprayed-on fireproofing, which is considered friable, the ACMs are in good condition and do not pose a direct environmental and/or public health risk as long as the material is maintained in its present condition. The identified ACMs, and other suspect materials that may be encountered, should be abated by a suitably licensed and experienced contractor prior to general building demolition or renovation.
- **OEF 6 - Aerially Deposited Lead.** The site is located adjacent to the Hollywood (101) Freeway and, therefore, in close proximity to an area affected by aerially deposited lead (ADL). ADL refers to lead deposited on the shoulders of freeways as a result of the past use of leaded gasoline. Although the use of leaded fuel has been prohibited in the United States since the 1980s, it is possible for ADL to be present in soils adjacent to highways that were in use prior to the prohibition of leaded gasoline (http://www.dot.ca.gov/hq/env/haz/hw_adl.htm). Although the Hollywood Freeway has been opened since the early 1950s, prior to the end of the use of leaded gasoline, aerial photographs show that the site was paved over as

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early as 1952. Paving of the site makes it unlikely that ADL would have affected the subsurface beneath the site as there was no exposed soil on the property.

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1.0 INTRODUCTION

This report documents a Phase I environmental site assessment (ESA) and hazardous materials survey for the approximately 1-acre property at 1449 West Temple Street in Los Angeles, California (the site). Avocet Environmental, Inc. (Avocet) conducted the Phase I ESA on behalf of the State of California, Department of General Services (DGS), Real Estate Services Division, which owns and is considering divesting the site. The Phase I ESA was conducted in general accordance with the scope and limitations of ASTM International (ASTM) Standards E1527-05 and E1527-13.

1.1 OVERVIEW

The approximately 1-acre site is located northwest of downtown Los Angeles and is bordered to the north by US Highway 101 (Hollywood Freeway), to the south by West Temple Street, to the east by the Temple Villas apartment complex, and to the west by single-family homes. The site location is shown in Figure 1 and a site plan on an aerial photo base is presented in Figure 2. The Assessor's Parcel Number for the site is 5160-005-900 and it is currently zoned for Neighborhood Commercial use. The site features an approximately 30,000-square-foot, two-story building that fronts onto West Temple Street with an asphalt-paved parking lot behind to the north. The only landscaped area of the site is along West Temple Street.

The first documented use of the site was for residential purposes, specifically single-family residences, as early as 1890. The existing building at the site was constructed between 1965 and 1968 and has been used as an analytical laboratory, with analytical equipment on the ground floor and offices on the second floor. The laboratory was originally used by the former California Department of Health Services, now the California Department of Public Health (CDPH). The CDPH and its Food and Drug branch used the laboratory mainly for testing drinking water to certify local water purveyors. In the early 1990s, part of the ground floor laboratory space was leased out to the California Department of Toxic Substances Control (DTSC). CDPH and DTSC both occupied the site until January 2013, when the last of the CDPH operations were moved elsewhere. DTSC still occupies part of the site as a tenant but is scheduled to move to another location by the end of 2014.

The ground floor laboratory features equipment for the analysis of all types of media (soil, water, soil gas, etc.) for the presence of organic and inorganic substances. A very small portion of the laboratory has also been utilized as a biological laboratory for E-coli and similar analyses. The second floor of the building has generally been used as office space, although a portion was set up as a temporary drinking water laboratory. Due to a lack of funding, however, the drinking water laboratory was vacated and the space was converted into office cubicles.

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1.2 PHASE I ESA OBJECTIVES

The overall objective of the Phase I ESA documented herein is to assess the possible presence of potentially hazardous substances at the site and/or in the subsurface environment beneath the site. Specific objectives of the Phase I ESA are:

- Document the history of the site in the context of the use, storage, handling, and disposal of potentially hazardous substances.
- Review and evaluate available information related to the investigation and remediation of subsurface impacts, to the extent they exist.
- Assess the possible presence of previously unidentified hazardous substances that could be present in the subsurface as a result of their past use, storage, handling, or disposal within or near the site.
- Identify “recognized environmental conditions” (RECs), “controlled” RECs (CRECs), and historical RECs (HRECs), as defined in ASTM Standard E1527-13 (ASTM, 2013) and “other environmental features” (OEFs). For the purpose of the subject Phase I ESA, OEFs are defined as conditions that do not meet the ASTM definition of a REC, CREC, or HREC but which may warrant mention in a comprehensive Phase I ESA.

In addition to the Phase I ESA objectives, a Hazardous Building Material Survey (survey) of building components for possible asbestos-containing material (ACM), lead based paint (LBP), polychlorinated biphenyls (PCBs), and potential mercury sources was also completed. The objective of the hazardous materials survey is to locate and identify the presence of the aforementioned materials that may require abatement prior to renovation of the existing building.

1.3 APPROACH

The subject Phase I ESA was conducted in general accordance with the requirements and limitations of ASTM Standard E1527-05 (ASTM, 2005) and ASTM Standard E1527-13 (ASTM, 2013) and included:

- A review of relevant background information, including the history of the site and adjacent properties, past land use, and regional hydrogeologic conditions.
- A review of aerial photographs, topographic maps, and environmental records pertaining to the site.
- Interviews with the Chief of the Facilities Management Section of the CDPH and with DTSC personnel in the DTSC laboratory.
- A walkover survey and Hazardous Building Material Survey of the site on October 21, 2014.

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- A review of potential offsite sources of contamination that could adversely impact the subsurface environment beneath the site, including a search of regulatory agency databases and visual surveys of adjoining properties.

The format of this Phase I ESA report deviates from that suggested by ASTM; however, all of the elements required by ASTM E1527-05 and ASTM E1527-13 are included or otherwise addressed.

1.4 LIMITATIONS

This Phase I ESA was performed in general accordance with the scope and limitations of current ASTM practice (ASTM, 2005 and 2013) and the standard of care customary in the environmental consulting industry as of the date of this report. The conclusions in this Phase I ESA report are based on the information available to Avocet from the sources cited; however, Avocet makes no warranty regarding the accuracy or completeness of this information. Moreover, this Phase I ESA specifically excludes any evaluation of geotechnical conditions, the stability of onsite or adjacent slopes or retaining walls, flooding hazards, noise from the adjoining freeway, seismicity, and the possible impact, if any, of electromagnetic fields associated with onsite or nearby electrical facilities. Also, this report does not include any evaluation of undocumented activities at the site or on adjacent or nearby properties. The exclusions noted above should not be interpreted to mean that all other potential hazards and/or land use restrictions have been considered in the subject Phase I ESA.

Avocet conducted this Phase I ESA on behalf of DGS to document environmental conditions at the site for decision-making in the context of its possible divestment. DGS may rely upon the information provided in this Phase I ESA report for a period of one year from the date of issue. After one year, this Phase I ESA should be updated in accordance with ASTM guidance. Avocet will not be liable for any consequential damages arising from the use of this report for other than its intended purpose, for use of this report beyond one year of its issue date, or from unauthorized use by third parties.

1.5 REPORT ORGANIZATION

Including this introductory section, this Phase I ESA report is organized into six sections. Section 2.0 describes the various sources of information utilized in preparing this Phase I ESA report. Section 3.0 presents a summary of relevant background and regional information. Section 4.0 describes the history and current condition of the site, including descriptions of past operations, to the extent known, involving potentially hazardous substances. Section 5.0 is a summary of the Hazardous Building Materials Survey. Section 6.0 presents a summary of information gathered from a review of environmental databases maintained by local, state, and federal government agencies. Section 7.0 presents a summary and conclusions in terms of identified RECs, HRECs, CRECs, and OEFs.

Supporting information is contained in tables, figures, and eight appendices, all of which follow the text of this report. Appendix A contains historical topographic maps, Appendix B contains

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historical aerial photographs, and Appendix C contains certified Sanborn fire insurance maps of the site and vicinity. The maps and photographs in Appendices A, B, and C have been annotated with the site boundary and other pertinent information. Appendix D is a City Directory Abstract summarizing entries recorded in city, telephone, and other directories. Appendix E is a report summarizing information available from a review of environmental databases maintained by local, state, and federal government agencies. Appendix F contains photographs taken during the October 21, 2014 walkover survey. Appendix G is a report detailing the findings of the Hazardous Building Materials Survey performed by Advantage Environmental Consultants (AEC) at the subject site. Appendix H includes chemical inventory lists that were provided by CPDH.

2.0 SOURCES OF INFORMATION

Sources of information utilized in preparing this Phase I ESA report included historical topographic maps; historical aerial photographs; historical fire insurance maps; a walkover survey of the site and adjoining properties; in-person discussions and email communication with the Chief of Facilities Management for the CDPH and DTSC personnel at the laboratory; a review of records available at selected local and state regulatory agencies; a review of databases maintained by local, state, and federal government agencies; and other records available from commercial and online sources.

2.1 TOPOGRAPHIC MAPS

To help understand the history of the site and past land uses, copies of historical U.S. Geological Survey (USGS) topographic maps published between 1896 and 1994 were obtained from Environmental Data Resources, Inc. (EDR), of Shelton, Connecticut. These maps have been annotated with the site boundary and are included, in chronological order, as Figures A-1 through A-10 in Appendix A.

2.2 AERIAL PHOTOGRAPHS

To supplement the information from the topographic maps, a “Decade Package” of aerial photographs taken between 1923 and 2012 was obtained from EDR. These aerial photographs and a 2012 aerial photograph obtained from the USGS have been annotated with the site boundary and are included, in chronological order, as Figures B-1 through B-15 in Appendix B.

2.3 FIRE INSURANCE MAPS

At Avocet’s request, EDR conducted a search for fire insurance map coverage of the site and located Sanborn® maps produced between 1890 and 1970. The Sanborn® maps have been annotated with the site boundary and are included, in chronological order, as Figures C-1 through C-10 in Appendix C.

2.4 CITY DIRECTORIES

City directories have been published for cities and towns across the United States since the 1700s. Originally a list of residents, they subsequently developed into a useful tool for locating individuals or businesses in certain areas. A copy of “The EDR-City Directory Abstract,” dated September 15, 2014, is included as Appendix D in this report.

2.5 GOVERNMENT DATABASES

To document potential sources of contamination at or near the site, a government records search was conducted by EDR. The search included local, state, and federal records for the site and for other properties within ASTM-standard radii of the site. The records search is summarized in Section 5.0, and a copy of “The EDR Radius Map™ Report With GeoCheck®,” dated

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September 15, 2014, is included in its entirety as Appendix E. As recommended by ASTM, all but a few of the databases searched were “current,” i.e., had been updated within 90 days prior to the search date.

2.6 WALKOVER SURVEY AND COMMUNICATIONS WITH OWNER

On October 21, 2014, Avocet personnel conducted a walkover survey of the site accompanied by Mr. Gary Gascoigne, Chief of Facilities Management for the CDPH. Information obtained from Mr. Gascoigne is referenced, as appropriate, throughout the remainder of this Phase I ESA report. Selected photographs taken during the walkover survey are presented in Appendix F.

2.7 INFORMATION FROM LOCAL AND STATE AGENCIES

Selected federal, state, and local regulatory agencies were contacted to determine whether they may have potentially relevant environmental records pertaining to the site. In particular, Avocet requested access to records relating to underground storage tanks (USTs), aboveground storage tanks, environmental permits, enforcement orders, reports and correspondence related to site investigation/assessment, soil sampling, monitoring, cleanup/remediation, removal actions, closures, or any records related to conditions in air, soil, surface water, groundwater, or other environmental media. The agencies contacted and Avocet’s interactions with them were as follows:

- A written request was mailed to the U.S. Environmental Protection Agency (EPA), Region 9 on September 15, 2014, and a response was received on October 31, 2014 that no records pursuant to Avocet’s request could be found.
- Written requests were faxed to DTSC in Cypress and Chatsworth on September 15, 2014. In letters dated September 16 and 25, 2014, respectively, DTSC’s Cypress and Chatsworth offices responded that they have no records responsive to Avocet’s request.
- A written request and Records Review Request Form were faxed to the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) on September 15, 2014. In an email dated September 19, 2014, LARWQCB responded that it has no records responsive to Avocet’s request.
- A written request was mailed to the Sanitation Districts of Los Angeles County (LACoSD) on September 15, 2014. In an email dated September 22, 2014, LACoSD responded that it had no records responsive to Avocet’s request.
- A phone call request was made to the City of Los Angeles’s Department of Public Works, Bureau of Engineering Services Division (LADPW) on September 22, 2014. The LADPW records are referred to, as appropriate, throughout the remainder of this report.

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- A written request was mailed to the Los Angeles County Fire Department (LACoFD) on September 15, 2014. As of the date of this report, a response has not been received regarding the subject site.
- A written request was faxed to the City of Los Angeles Fire Department (LAFD) on September 15, 2014. A response was received on September 26, 2014 that files pertaining to the site were available at the LAFD office. The available records are referred to, as appropriate, throughout the remainder of this report.
- An Underground Tank Request for Fire Prevention Records form was faxed to the LAFD on September 15, 2014. As of the date of this report, no response has been received regarding Avocet's request.
- A written request was mailed to the Los Angeles County Department of Public Works (LACoDPW) on September 15, 2014. The LACoDPW records are referred to, as appropriate, throughout the remainder of this report.
- A written request was mailed to the Los Angeles County Environmental Health Department (LACoEHD) on September 15, 2014. As of the date of this report, no response has been received.
- A Public Records Request Form was faxed to the South Coast Air Quality Management District (SCAQMD) on September 15, 2014. SCAQMD records are referred to, as appropriate, throughout the remainder of this report.

2.8 OIL AND GAS RECORDS

To assess the possible presence of oil and/or natural gas wells in the vicinity of the site, Avocet researched information available online from the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (CDOGGR). The findings of this review are summarized in Section 3.6.

2.9 RADON GAS RECORDS

To assess the possible presence of naturally occurring radon gas in the subsurface in the site vicinity, Avocet reviewed data available from EPA and the CDPH, as summarized in "The EDR Radius Map™ Report With GeoCheck,®" (Appendix E). The available radon gas data are summarized in Section 3.8.

3.0 BACKGROUND AND REGIONAL INFORMATION

Background and regional information considered relevant to the subject Phase I ESA includes adjoining land uses, nearby surface water features, the site's physiographic setting, and regional geologic and hydrogeologic conditions.

3.1 ADJOINING LAND USES

The site is bordered by US Highway 101 (Hollywood Freeway) to the north, Temple Street to the south, the Temple Villas apartment complex to the east, and single-family homes to the west. The nearest commercial properties are located approximately 250 feet southwest of the site and generally consist of small retail shops.

3.2 SURFACE WATER AND DRAINAGE

The nearest surface water body is Echo Park Lake, an artificial lake that was built in the 1860s as a drinking water reservoir and is now utilized as a detention basin and as a recreational and wildlife habitat component of Echo Park. The Los Angeles River is located approximately 2 miles east of the site. The ground surface in the site vicinity is gently sloping and drains to the southwest.

3.3 PHYSIOGRAPHIC SETTING

In a regional physiographic context, the site is situated on the southern flank of the Elysian Hills, which are part of the transitional foothills between the coastal plain of Los Angeles County and the Santa Monica Mountains. The ground surface generally slopes westward, away from these relief features, toward the Pacific Ocean, which is approximately 15 miles west of the site. On a more local basis, the site slopes to the south with surface runoff towards Temple Street.

3.4 REGIONAL GEOLOGY

The Elysian Hills are low hills at the northern edge of the Los Angeles Basin and eastern end of the Santa Monica Mountains. They are separated from the Repetto Hills to the east by the Los Angeles River, which flows through the Los Angeles Narrows between the Elysian and Repetto Hills. Both of these physiographic features are predominantly underlain by Tertiary age sediments and were probably a continuous set of hills before being cut by the Los Angeles River (Poland, Piper, and others, 1956). The Elysian and Repetto Hills are situated on the flanks of the Elysian Park Anticline. The anticline plunges at both ends and trends northwest/southeast. Several smaller anticlines and synclines have been mapped in the area with a southward stepping monocline mapped near the site (Dibblee and Ehrenspeck, 1989; Oskin, et al., 2000). Other significant geological structures near the site include the left-lateral Hollywood Fault, which is approximately 3.8 miles northwest of the site (Oskin, et al., 2000), and the Raymond Hill Fault Zone, which is approximately 3.7 miles north of the site (Dibblee and Ehrenspeck, 1989).

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3.5 REGIONAL HYDROGEOLOGY

The Elysian Hills are located immediately north of the Coastal Plain of Los Angeles County and the underlying groundwater basin (Los Angeles Regional Water Quality Control Board, June 13, 1994). The Tertiary bedrock and sediment underlying the Elysian Hills are reported to be essentially non-water-bearing, with groundwater limited to small, thin lenses of perched groundwater (California Department of Water Resources, 1961). Since the site is not located in a recognized groundwater basin and the bedrock/sediments underlying the site are not known to be significant sources of groundwater, groundwater, if any, beneath the site is assumed not to have direct beneficial uses. If shallow, unconfined groundwater were found beneath the site, groundwater flow direction would be expected to generally mimic surface topography with flow in a southerly direction.

3.6 OIL AND GAS WELLS

Based on CDOGGR records, the site is located within the administrative boundaries of the Los Angeles City oil field (<http://maps.conservation.ca.gov/doggr/index.html#close>). Records do not indicate that there are, or have ever been, any oil wells within the site boundary, although there are or have been several hundred oil wells within the Los Angeles City oil field. The nearest of these wells are located approximately 0.2 mile south of the site. Given this intervening distance, it is unlikely the site has been impacted by oil and gas production activities.

3.7 METHANE MITIGATION

The county and city of Los Angeles have methane ordinances that provide design standards for buildings within a methane or methane-buffer zone, or based on the proximity of a methane-producing site or an oil or gas well. The site is within a Methane Buffer Zone, as defined by Los Angeles City Ordinance No. 175790; as such, future development of the site would need to be designed in compliance with the applicable methane ordinances.

3.8 RADON GAS

The EPA recommends avoiding long-term exposure to radon levels greater than 4 picocuries per liter (pCi/L). CDPH maintains a radon database for California sorted by zip code (CDPH, 2010). In brief, indoor radon measurements were performed throughout the state, and the percentage of buildings with reported radon levels greater than 4 pCi/L within each zip code was reported, along with the number of buildings tested. Thirty-nine tests have been conducted for radon within the zip code for the site (90026), only four of which indicated radon at levels greater than 4 pCi/L. Moreover, the EPA (1993) and the USGS developed a Map of Radon Zones for the United States, organized by county. According to the map, Los Angeles County is in Radon Zone 2, indicating that radon levels in buildings are expected to be between 2 and 4 pCi/L. EDR's Radius Report (Appendix E) indicates that the average radon activity on the ground floor of residential structures in Los Angeles County was 0.711 pCi/L and average radon activity in basements was 0.933 pCi/L, both of which are well below EPA's recommended maximum exposure level. Based on the above, naturally occurring radon is unlikely to be of concern in the vicinity of the site.

4.0 SITE HISTORY AND CURRENT CONDITION

This section documents the history of the site and describes current site conditions, with the results and discussion of the survey presented in Section 5.0.

4.1 SITE HISTORY

The history of the site and vicinity has been compiled based on information from the sources listed in Section 2.0, particularly the historical aerial photographs, topographic maps, and interviews. For discussion purposes, information regarding site history has been divided into two discrete phases based on distinct changes in land use. Information on early land use was mostly obtained from the aerial photographs and topographic maps; whereas more recent (post-1968) land use information was mostly obtained from CDPH and DTSC representatives.

4.1.1 Early History, 1896 - 1964

For this Phase I ESA, the earliest topographic maps reviewed were published in 1896, 1900, 1901, and 1920 (Figures A-1, A-2, A-3 and A-4, respectively); the earliest available aerial photographs were taken in 1923 and 1928 (Figures B-1 and B-2, respectively); and the earliest Sanborn maps were published in 1890, 1894, and 1906 (Figures C-1, C-2, and C-3, respectively). The topographic and Sanborn maps show what looks to be residential development immediately around and at the site. The site itself was formerly divided into seven different parcels. The 1890 Sanborn map depicts seven buildings, whereas the 1906 map indicates 13 buildings. The Southern Pacific Railway and the Los Angeles River are shown approximately 1.9 miles east of the site. The river is depicted with an irregular alignment in the 1896, 1900, and 1901 topographic maps, suggesting a natural, unlined drainage course. This is consistent with channelization of the river beginning in the late 1930s. The 1920 topographic map shows extensive development of the Los Angeles area has taken place since the 1901 map was created. Echo Park Lake is shown in the 1928 photograph approximately 1,000 feet northwest of the site.

On a 1928 topographic map (Figure A-5), what is now Sunset Boulevard is shown approximately 2,000 feet east of the target property at its closest approach. Aerial photographs taken in 1938 and 1948 (Figures B-3 and B-4) show that the site was still being used for residential purposes and show little change in use from the 1923 photograph. Residential properties still existed at the site through the 1950s and most of the 1960s, as depicted in the 1952 and 1964 aerial photographs (Figures B-5 and B-6, respectively) and 1950, 1954, 1957, 1960, and 1965 Sanborn maps (Figures C-4 through C-8). The Hollywood Freeway, located along the northern property line, was constructed between 1948 and 1949 based on the 1948 aerial photograph and 1950 Sanborn map. The 1950 Sanborn map also shows 14 buildings on the property amongst the seven parcels, with what appear to be multiple houses on several of the parcels. Additionally, on the 1953 topographic map, other major arterial Los Angeles streets and highways are visible, including Broadway, Olympic, Sunset, and the Harbor Freeway (110).

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A topographic map from 1966 (Figure A-7) shows little change in the surrounding area, with the exception of Dodger Stadium, which was constructed approximately 4,000 feet northeast of the site.

4.1.2 CDPH Laboratory, 1968 to Present

Based on an interview with Mr. Gary Gascoigne of CDPH, the laboratory facility and associated paved parking lot currently present at the site were constructed in 1968 after the State of California purchased the land. This is consistent with the reviewed Sanborn maps that show the current building, with a small building on the western side of the site, in a 1968 map (Figure C-9). The 1977 aerial photograph is the first showing the site with the current configuration and only the main building (Figure B-7). Subsequent aerial photographs taken in 1979, 1981, 1989, 1994, 2002, 2004, 2009, and 2012 (Figures B-8 through B-15) show that the layout of the site, as well as the surrounding properties, has changed little. Similarly, topographic maps from 1972, 1981, and 1994 (Figures A-8, A-9, and A-10, respectively) show minimal change to the site and the surrounding area during that time period.

According to Mr. Gascoigne, the building has been used as a laboratory facility since its construction until the present, albeit by different state agencies. The laboratory was originally occupied by the CDPH, where the majority of laboratory work involved the testing of drinking water. All laboratory work was conducted on the ground floor of the two-story building, while the second floor consisted of offices for various branches of CDPH, including the Food and Drug branch. A drinking water laboratory was installed on the second floor but was never operated and was subsequently moved to another facility. In the early 1990s, CDPH moved part of its operations to a second laboratory in Berkeley, California, and began leasing the extra space to DTSC, which currently is the only tenant at the site. DTSC uses the laboratory to analyze samples of different media, including air, water, soil, hazardous waste streams, and biological or human tissues for toxic chemicals. CDPH continued to utilize part of the facility until completely moving out in January of 2013, with DTSC planning to move out in early 2015.

Chemical inventories provided to Avocet by CDPH indicate some solvents, such as acetone and methylene chloride, were used at the site, with a larger selection of solids of various salts and metals used as reactants in the various laboratories. In general, chemicals used in labs are stored and used in small quantities (in the gram to kilogram quantities) only and under very strictly controlled conditions, hence low probability of significant releases. Also, Avocet inquired from Mr. Gascoigne information or copies of any Radioactive Materials Licenses (licenses) for specific sources that may have been associated with the site. Mr. Gascoigne informed Avocet that while the site did have a specific source license, the license was never used since radioactive material was never stored onsite. Furthermore, the laboratory instruments that had sealed sources within them are being treated under a general permit, similar to smoke detectors, and that CDPH is just required to account for those instruments.

Further information pertaining the site history and usage is provided in the following section.

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4.2 CURRENT SITE CONDITIONS

Avocet conducted a walkover survey of the site accompanied by Mr. Gary Gascoigne of CDPH on October 21, 2014. Photographs taken during the walkover survey are presented in Appendix F. In brief, the site is encircled by a chain link fence topped with barbed wire, with a gate onto Temple Avenue in the southeast corner of the property. Along the north boundary, a chain link fence covered in vegetation separates the Hollywood Freeway from the site.

As already mentioned, the site features a two-story building surrounded by an asphalt-paved parking lot. Pressurized cylinders containing inert gases, such as argon, were present throughout the laboratories and were observed in an outside storage shed on the north side of the building (Figure 2). These pressurized gas cylinders are managed in compliance with the CDPH Compressed Gas Cylinder Management Program. Also present outside the facility, north of the building, were two temperature-controlled storage sheds that house chemical waste from the laboratory. Wastes in the sheds are managed in accordance with the provisions of the facility's Unwanted Material Disposal Program until they can be picked up and removed by an outside waste management service. Avocet was informed that all hazardous materials are to be removed from the premises pending DTSC's relocation to a new facility in early 2015. Waste streams in the sheds included solids, such as spent reactants, and liquid organic solvents, acids, and bases. Observed quantities were typically less than 1 kilogram or gallon.

The east side of the ground floor of the facility houses the main laboratory operations, with additional, smaller laboratories along the southern and center portions of the ground floor. A strip of offices is located along the west side of the ground floor. Chemicals are kept in designated storage rooms north and east of the main laboratory, each fitted with ceiling fire extinguisher fixtures. As mentioned above, chemicals stored onsite included solvents, such as acetone and methylene chloride, and salts and metals. However, these chemicals stored onsite include are in relatively small quantities, in controlled conditions. Other equipment includes those typical of both organic and inorganic laboratory setups, as well as standard glassware, and protective equipment such as fume hoods, eyewash stations, and the like.

The sinks in the laboratories gravity drain to a concrete wastewater clarifier, approximately 10 feet long by 4 feet across, located on the south side of building, adjacent to Temple Street. The clarifier discharges to the sanitary sewer and is permitted by the LADPW, who also annually inspects the clarifier. At the time of the October 21, 2014 walkover survey, water was observed overflowing from the top of the clarifier. According to Mr. Gascoigne, the overflowing recently started due to blockage of the discharge pipe by roots from nearby trees. Laboratory operations are managed under the California Division of Drinking Water and Environmental Management, Drinking Water and Radiation Laboratory Branch, health and safety plans. The facility is not in full operation, as preparations are being made for operations to cease and be moved to a new facility.

The second floor of the building has been mostly vacated as the facility prepares to shut down. Most of the second floor rooms were completely empty, with the exception of a few that were

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filled with boxes of files and other packed office equipment, and a conference room that is still being used by DTSC personnel.

4.3 KNOWN RELEASES AND ENVIRONMENTAL FEATURES

Potentially hazardous substances used and stored within the site boundary have included organic and inorganic laboratory chemicals and potentially contaminated materials received for analysis. Documented hazardous substance spills or indications of releases are as follows:

- A small spill of methylene chloride reportedly occurred in the back hallway of the first floor of the laboratory in January of 2001. The spill consisted of one 4-liter container of methylene chloride. Based on the available information, the spill was completely contained within the building and cleaned up by the CDPH, and its impact, if any, on the subsurface environment is likely to have been *de minimis*.
- In August 2002, a release of approximately 350 pounds of chlorodifluoromethane (more commonly known as Freon[®] 22) was released from a chiller unit located in the northeast corner of the property. The release was due to a ruptured heat pump on the suction line. There was no documentation on what caused the ruptured line or any subsurface investigation or remediation to date.
- The clarifier connected to the laboratories' sinks was overflowing at the time of the October 21, 2014 site visit. The overflow observed by Avocet did not reach the paved walkway on Temple Street, but looked to be absorbed wholly by the landscaping along the street. Based on follow-up discussions with CDPH personnel, Avocet understands that the clarifier outlet had become obstructed by tree roots, causing the clarifier to backup and overflow. However, Avocet further understands that the clarifier and the outlet were recently cleaned out and the system is now functioning as intended. The blockage and subsequent overflow of the clarifier potentially released laboratory wastewater constituents into the subsurface in the immediate vicinity of the clarifier. It is not known if overflow has been great enough in the past to spill into Temple Street and travel to nearby storm drains.
- The site is located adjacent to the Hollywood (101) Freeway, which was opened in the early 1950s. Due to its age, the Hollywood Freeway is considered by the California Department of Transportation (Caltrans) to be a source of aerially deposited lead (ADL) contamination. Caltrans describes ADL as lead deposited on the shoulders of freeways as a result of the past use of leaded gasoline (http://www.dot.ca.gov/hq/env/haz/hw_adl.htm). Although the use of leaded fuel has been prohibited in the United States since the 1980s, it is possible for ADL to be present in soils adjacent to highways that were in use prior to the prohibition of leaded gasoline, as is the case with the Hollywood Freeway. Aerial photographs, however, show that the site was paved over as early as 1952. Paving of the site

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makes it unlikely that ADL would have affected the subsurface beneath the site as there was no exposed soil on the property.

5.0 HAZARDOUS BUILDING MATERIALS SURVEY

A Hazardous Building Materials Survey was completed by AEC, under contract to Avocet, on October 21, 2014. The field inspection was performed by a State of California Certified Asbestos Consultant and an EPA-certified building inspector for Asbestos-Containing Building Materials, and a California Department of Health Services Certified Lead Inspector/Assessor. The full report regarding survey methodology, laboratory results, and recommendations is included in Appendix G.

Suspect ACM identified during the survey was sampled using EPA guidelines. Building materials were categorized into homogeneous materials (uniform in texture, color, and date of application) and then a sampling scheme was developed based on the location and amount of each homogeneous material. Bulk samples were collected by extracting a representative section of the selected material, placing it in a sample container, and associating it with a unique sample number. Collected samples were then placed into a sealed shipping container for delivery to an accredited laboratory. Samples were analyzed using polarized light microscopy. LBP readings were collected using an X-ray fluorescence (XRF) analyzer. A total of 30 XRF readings were collected during the survey. AEC inspected a representative number of accessible light ballasts for “No PCBs” markings during the survey. Samples were not collected from these ballasts. Accessible thermostat switches throughout the building were inspected for their potential to contain mercury.

The Hazardous Building Materials Survey was limited to accessible materials and surfaces, and it should be noted that additional ACMs, LBP, PCBs, and/or mercury-containing materials may be present in areas that are currently inaccessible.

In brief, the survey indicates that LBP, PCBs, and mercury are not present on the surface or within the structure at the site. Four of the seven categories of building materials sampled during the survey tested positive for asbestos or contained traces of asbestos, as follows:

- Sprayed-on fireproofing located on beams throughout the first floor above the ceiling contained 7 percent friable chrysotile asbestos.
- Mastic associated with white vinyl floor tile located throughout the building interior contained 2 percent chrysotile asbestos.
- The brown vinyl tile in the second floor telephone closet and the associated mastic both contain 2 percent chrysotile asbestos.
- The baseboard mastic throughout the interior of the building contained a trace amount (less than 1 percent) of anthophyllite, a mineral that can be classified as asbestos.

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Although not sampled because they are still in use, it is assumed by AEC that the transite flume hoods and sinks in the laboratories also contain asbestos. These presumed ACMs were categorized by AEC as being in good condition and are not likely to pose a health risk as long as they are maintained in such condition. The identified ACMs, and other suspect materials that may be encountered, should be abated by a suitably licensed and experienced contractor prior to general building demolition or renovation.

6.0 GOVERNMENT DATABASE SEARCH

EDR searched over 90 environmental databases maintained by local, state, and federal government agencies for records pertaining to the site or “target property” and nearby properties. The target property street address was 1449 West Temple Street. A copy of EDR’s September 15, 2014 Radius Map™ Report with GeoCheck®, which includes index maps, update dates, and descriptions of the databases searched, is included in Appendix E. The following summary focuses on those database listings considered potentially relevant to the objectives of the subject Phase I ESA, specifically those pertaining to the subject site and nearby properties with documented hazardous substance releases with the potential to have impacted the site. Avocet has used its professional judgment to exclude other database listings from the following summary in the interest of brevity and making relevant information more accessible. In particular, database listings that are not indicative of a hazardous substance release and database listings for hydraulically downgradient properties (to the south) have generally been screened out.

6.1 STANDARD ENVIRONMENTAL RECORDS

The following standard federal, state, and tribal databases were searched for records pertaining to the “target property,” i.e., the site or facility, and surrounding properties within ASTM-standard distances:

- The **NPL** (National Priorities List) database identifies more than 1,200 sites selected for priority cleanup under the Superfund Program. The database did not contain any records pertaining to NPL sites within 1 mile of the target property.
- **Proposed NPL Sites.** This database identifies sites that have been proposed for inclusion on the NPL through the issuance of a proposed rule in the Federal Register. The database did not contain any records pertaining to proposed NPL sites within 1 mile of the target property.
- The **National Priorities List (NPL) Liens** database contains records pertaining to NPL sites against which EPA has filed liens in order to recover remedial action expenditures or for which the property owner has received a notification of potential liability. The NPL Liens database was searched for the target property only but no listing was reported.
- The EPA may delist sites from the NPL based on regulations set forth by the National Oil and Hazardous Substances Pollution Contingency Plan if no further action is appropriate. The database did not contain any records pertaining to **Delisted NPL** sites within 1 mile of the target property.
- The Comprehensive Environmental Response, Compensation and Liability Index System (**CERCLIS**) database contains data on potential hazardous waste sites

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that have been reported to EPA by states, municipalities, private companies, and private persons pursuant to Section 103 of the CERCLA. The CERCLIS database also contains sites that are either proposed for inclusion on or are on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL. The database does not list any CERCLIS sites within 0.5 mile of the target property.

- The **FEDERAL FACILITY** database lists NPL and Base Realignment and Closure (BRAC) sites in the CERCLIS database. The database contains no records pertaining to Federal Facilities within 0.5 mile of the target property.
- The **CERCLIS-NFRAP** database lists former CERCLIS sites for which no further remedial action is planned (hence NFRAP). The **G.C. Hewitt Co.** site, located 0.275 mile south-southwest of the target property, is listed as a CERCLIS-NFRAP site. Records indicate that the site underwent a preliminary NPL investigation from 1984 to 1985, after which it did not qualify for the NPL and was archived. The G.C. Hewitt Co. site is discussed further in Section 6.6.1.
- The **CORRACTS** database pertains to hazardous waste handlers with RCRA (Resource Conservation and Recovery Act) corrective action activity. The CORRACTS database does not list any sites within 1 mile of the target property.
- The **Resource Conservation and Recovery Information System (RCRIS)** database includes information on treatment, storage, and disposal facilities (TSDFs), Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), Conditionally Exempt Small Quantity Generators (CESQGs), Non-generators (NonGen), and RCRIS Corrective Action Summaries. The RCRIS database contains selected information on sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. The database lists eight SQGs and one LQG within 0.25 mile of the target property, but as hazardous waste generation and handling is not, in and of itself, an indication of subsurface contamination, these RCRIS sites will not be discussed further in this report.
- The **US ENG CONTROLS** database is a list of sites with engineering controls in place. Typical controls may include various forms of caps, foundations, liners, and treatment methods designed to prevent regulated substances impacting human health or the environment. The database does not list any US ENG CONTROLS within 0.5 mile of the target property.
- The **US INST CONTROL** database is maintained by EPA and lists sites where institutional controls, such as groundwater use restrictions, construction restrictions, property use restrictions, and post-remediation care requirements intended to prevent exposure to contaminants, are in effect. The database does not list any US INST CONTROL site within 0.5 mile of the target property.

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- The **Land Use and Control Information System (LUCIS)** database contains records of land use information pertaining to the former Navy Base Realignment and Closure Properties. The database contains no records pertaining to LUCIS sites within 0.5 mile of the target property.
- The **Emergency Response and Notification System (ERNS)** database contains information on reported releases of oil and hazardous substances. The ERNS database was searched for the target property only and included a listing related to the release of 350 pounds of Freon[®] 22 refrigerant from a ruptured chiller unit in August 2002. This release is discussed in Section 4.3.
- The **CA RESPONSE** database identifies sites where DTSC is involved in remediation and where the releases have been confirmed and are considered high priority and high potential risk. The database lists a single CA RESPONSE site within 1 mile of the target property: the **Naval-Marine Corps Reserve Center** located 0.721 mile to the east of the site. Based on the intervening distance and the direction of groundwater flow, it is unlikely that releases at the Naval-Marine Corps Reserve Center have impacted the target property and it is not discussed further in this report.
- The **ENVIROSTOR** database is maintained by DTSC's Site Mitigation and Brownfields Reuse Program and identifies sites that have known contamination or for which there may be reason to investigate further. The database includes NPL sites, military facilities, voluntary cleanup sites, and school sites, and provides similar information to that which was available but also includes previously contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded, and risk characterization information. The ENVIROSTOR database lists 4 sites within 0.5 mile and 11 additional sites within 1 mile of the target property. The ENVIROSTOR sites closest to the target property (less than 0.5 mile) are discussed in Section 6.6 of this report.
- The **STATE LANDFILL (SWF/LF)** database is an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites, although it should be noted that inclusion in the State Landfill database does not necessarily indicate that chemicals have been released to the environment. The database contains records pertaining to the **Central Street MDY** located at 1274 West 2nd Street, 0.490 mile south of the target property. Records indicate that the property is currently owned by the City of Los Angeles, Bureau of Street Maintenance, and the landfill is a limited volume transfer operation containing construction/demolition, green, and mixed municipal materials. Based on the distance and type of fill material, this site is unlikely to pose a threat to the target property and will not be discussed further in this report.

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- The **Leaking Underground Storage Tank (LUST)** Incident Reports database is an inventory of reported leaking UST sites or incidents. The LUST database includes various regional databases, including LUST Region OR, LUST Region 8, and State LUST. The database includes seven LUST sites within 0.5 mile of the target property, including one within 0.25 mile. All seven of the LUST cases are listed as “completed – case closed” and are, therefore, considered unlikely to have impacted the target property and are not discussed further in this report.
- The California Regional Water Quality Control Boards maintain the **CA SLIC** database of “active toxic site investigations.” The CA SLIC database contains two listings for the **Marland Company**, located 0.492 mile east-southeast of the target property. The listings indicate “completed – case closed” and, therefore, are unlikely to pose a threat to the target property and are not discussed further in this report.
- The **Indian LUST** database lists leaking USTs on Indian land. The Indian LUST database did not contain any records of sites within 0.5 mile of the target property.
- USTs are regulated under Subtitle I of RCRA and must be registered with the State Water Resources Control Board (SWRCB). **The UST and State UST** database includes **Chevron Station 90454**, located 0.131 mile west of the target property. The presence of a UST, in and of itself, is not an indication of subsurface contamination, and absent additional information, this site is not discussed further in this report.
- The **Aboveground Petroleum Storage Tank Facility (AST)** database is maintained by the SWRCB and lists all registered ASTs in the state of California. The database does not list any AST sites within 0.25 mile of the target property.
- The **USTs on Indian Land (INDIAN UST)** database lists underground storage tanks on Indian land. The database did not contain any records of sites within 0.25 mile of the target property.
- The **FEMA UST** database is a listing of all FEMA-owned USTs. The database did not contain any records pertaining to FEMA UST sites within 0.25 mile of target property.
- The **Voluntary Cleanup Program (VCP)** database is part of the State of California Brownfields program. The VCP database lists properties with confirmed or unconfirmed releases for which DTSC oversight has been requested with an agreement to compensate DTSC for its costs. The VCP database includes a single site within 0.5 mile of the target property: the **Iglesia Ni Cristo** site located 0.428 west-southwest of the target property. Records indicate that

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11 cubic yards of lead-contaminated soil was removed from the site in 2009. Confirmation samples collected in August 2009 indicate that the contaminated soil was removed and a No Further Action letter was issued by the DTSC in 2009. Based on the extent of cleanup at this site, it is unlikely to pose a threat to the target property and is not discussed further in this report

- The **Indian Land Voluntary Cleanup Priority Listing (INDIAN VCP)** database lists voluntary cleanup priority sites located on Indian land. The database did not contain any records of sites within 0.5 mile of the target property.

6.2 ADDITIONAL ENVIRONMENTAL RECORDS

The following additional databases were searched for records pertaining to the target property and surrounding properties within ASTM-standard distances:

- The **US Brownfields** database includes properties that are part of EPA's targeted brownfield assessments, or addressed by cooperative agreement recipients, for site cleanup. **Rockwood Park**, located 0.291 mile southwest and downgradient of the target property, is a remediated Brownfield site that was opened as a public park in 2011. Due to the extensive investigation and remediation of the site, it is unlikely to pose a threat to the target property and is not discussed further in this report.
- The **Open Dump Inventory (ODI)** database lists disposal facilities that do not comply with federal regulations. The database is maintained by EPA but did not contain any records pertaining to ODI sites within 0.5 mile of the target property.
- The **Debris Region 9** database did not contain any records pertaining to Debris Region 9 sites within 0.5 mile of the target property.
- A **Statewide Recycling (SWRCY)** database lists recycling facilities. **Victor Recycling Center**, located 0.413 mile southeast of the target property, is listed in the SWRCY database, but as a recycling facility is not, in and of itself, an indication of subsurface contamination, this site is not discussed further in this report.
- The **Registered Waste Tire Haulers Listing (HAULERS)** database was searched for the target property only but no listing was reported.
- The **Open Dumps on Indian Lands (INDIAN ODI)** database lists open dumps located on Indian land. The database did not contain any records of sites within 0.5 mile of the target property.
- SWRCB staff and the Regional Water Quality Control Boards use the **Waste Management Unit Database System (WMUDS/SWAT)** database for program

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tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information. The database did not contain any records pertaining to WMUDS/SWAT sites within 0.5 mile of the target property.

- The **Clandestine Drug Lab (US CDL)** database is a listing of supposed drug lab locations. This database is maintained as a public website by the Drug Enforcement Administration (DEA). Inclusion in the US CDL database indicates third-party reporting of suspicious chemicals often associated with drug making. It does not indicate that any illegal drug lab materials were present at the site or that the site requires cleanup work. The US CDL database was searched for the target property only but no listing was reported.
- The **Hist Cal-Sites** database listed known and potential hazardous waste sites in California but is no longer updated by DTSC and has been replaced by ENVIROSTOR. The Hist Cal-Sites database lists the **Naval-Marine Corps Reserve Center**, which, as discussed previously, is not considered likely to have impacted the target property.
- The **SCH** database lists existing and proposed school sites being evaluated by DTSC for possible hazardous substance contamination. **Betty Plasencia Elementary School**, located 0.098 mile south-southeast of the target property, is listed in the SCH database and is discussed further in Section 6.6.2 of this report.
- The **Toxic Pits Cleanup Act (Toxic Pits)** database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The database did not contain any records pertaining to Toxic Pits sites within 1 mile of the target property.
- The **CA AOCONCERN** database did not contain any records pertaining to CA AOCONCERN sites within 1.0 mile of the target property.
- The **Clandestine Drug Lab (CDL)** database is a listing of drug lab locations. This database is compiled by the DTSC and inclusion in this list does not indicate that any illegal drug lab materials were present at the site or that the site requires additional cleanup work. The CDL database was searched for the target property only but no listing was reported.

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- The **US Historical CDL (US HIST CDL)** database is a listing of former clandestine drug lab locations. The US HIST CDL database was searched for the target property only but no listing was reported.
- The **California Facility Database (CA FID UST)** lists active and inactive UST locations based on data maintained by the SWRCB. The database contained records pertaining to three CA FID UST sites within 0.25 mile of the target property. **Los Angeles Fire Station #6** appears to be erroneously listed at 534 West Edgeware Road but is actually located approximately 2 miles away and too far away to have impacted the target property. **Service Station 6339**, located 0.141 mile west of the target property, is one of the sites classified as “completed – case closed” in the previously discussed LUST database search and is considered unlikely to have impacted the target property. **Chevron Station 90454**, located 0.131 mile west of the target property, is one of the sites previously discussed in the RCRIS and UST database search results. As the presence of a UST is not, in and of itself, indicative of subsurface contamination, this site is considered unlikely to have impacted the target property and is not discussed further in this report.
- The **Historical UST Registered Database (HIST UST)** is a historical listing of registered UST sites. The database includes four sites within 0.25 mile of the target property. However, all four of these sites have been discussed in the RCRIS, UST, LUST, or HIST UST database discussions and are not likely to have impacted the target property.
- The **Statewide Environmental Evaluation and Planning System (SWEEPS UST)** was an additional resource for UST listings maintained by a company associated with the SWRCB in the early 1980s. The database is no longer updated or maintained but contains a listing for the **target property**, which is discussed below, and three other SWEEPS UST sites within 0.25 mile of the target property. As with other UST database listings, inclusion in the SWEEPS database does not necessarily mean that hazardous substance releases have occurred. Accordingly, the SWEEPS sites are not addressed further in this Phase I ESA other than to note that nearby LUST, UST, or HIST UST sites have been addressed previously.
- The **Environmental Liens (LIENS 2)** database lists California property locations with environmental liens held by the DTSC. The LIENS database was searched for the target property only but no listing was reported.
- The **LIENS** database is an additional list of properties with liens filed for recovery of monies under the Superfund program. The database was searched for the target property only but no listing was reported.

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- The DTSC maintains the **CA DEED** database to record deed restrictions, which are one of the methods used by DTSC to protect the public from unsafe exposures to hazardous substances and wastes. The database does not list any CA DEEDS sites within 0.5 mile of the target property.
- The **Hazardous Materials Information Reporting System (HMIRS)** database contains records pertaining to hazardous material spill incidents reported to the Department of Transportation. The HMIRS database was searched for the target property only but no listing was reported.
- The **California Hazardous Material Incident Reporting System (CHMIRS)** database contains information on reported hazardous material incidents such as accidental releases or spills. The CHMIRS database contains three listings for the target property, one of which is also covered in the ERNS database. The CHMIRS listings for the target property are discussed further in Section 6.5.
- The **CA LDS** database is a listing of land disposal sites with regulated waste discharge to land for treatment, storage, and disposal in waste management units. The CA LDS database was searched for the target property only but no listing was reported.
- The **CA MCS** database is a listing of military cleanup sites. The SWRCB and nine Regional Water Quality Control Boards partner with the Department of Defense (DOD) to oversee the investigation and remediation of water quality issues at military facilities. The CA MCS database was searched for the target property only but no listing was reported.
- The **SPILLS 90** database includes spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil, and/or hazardous substance spills recorded after 1990. Duplicate records included in EDR incident and release records are not included in SPILL 90 database results. The SPILLS 90 database was searched for the target property only but no listing was found.

6.3 OTHER ASCERTAINABLE RECORDS

The following ascertainable records databases were searched for records pertaining to the target property and surrounding properties within ASTM-standard distances:

- The Department of Transportation, Office of Pipeline Safety maintains records of incidents/accidents. The **DOT OPS** database was searched for the target property only but no listing was reported.

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- The **DOD** database includes federal land areas greater than 640 acres administered by the DOD. The database did not contain any records pertaining to DOD sites within 1 mile of the target property.
- The **Formerly Used Defense Sites (FUDS)** database lists sites where the U.S. Army Corps of Engineers is actively working or will undertake necessary cleanup actions. The database did not contain any records pertaining to FUDS sites within 1 mile of the target property.
- The **CONSENT** database documents legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. The database contains no records pertaining to CONSENT sites within 1 mile of the target property.
- **Record of Decision (ROD)** documents mandate a permanent remedy at an NPL site and contain technical and health information to aid in the cleanup. The database contains no records pertaining to ROD sites within 1 mile of the target property.
- The **Uranium Mill Tailings Sites (UMTRA)** database contained no records pertaining to UMTRA sites within 0.5 mile of the target property.
- The **US MINES** database includes information pertaining to mines. The database did not contain any records pertaining to US MINES sites within 0.25 mile of the subject site.
- The **Toxic Chemical-Release Inventory System (TRIS)** identifies facilities that release toxic chemicals to the air, water, and/or land in reportable quantities under the Superfund Amendments and Reauthorization Act (SARA), Title III, Section 313. The TRIS database was searched for the target property only but no listing was reported.
- The **Toxic Substances Control Act (TSCA)** identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substances Inventory list. The TSCA database was last issued on January 31, 1995 and EPA has no current plan to update or reissue this database. The TSCA database was searched for the target property only but no listing was reported.
- The **FIFRA and TSCA Tracking System (FTTS)** records FIFRA and TSCA inspections, violations, and enforcement actions taken by EPA or state agencies. The FTTS database was searched for the target property only but no listing was reported.

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- A complete administrative case listing from the FTTS was compiled from all ten EPA regions. The **HIST FTTS** database is no longer updated. The HIST FTTS database was searched for the target property only but no listing was reported.
- EPA uses the **Section Seven Tracking System (SSTS)** to document pesticide production facilities and the amount of pesticides they produce. The SSTS database was searched for the target property only but no listing was reported.
- The **Integrated Compliance Information System (ICIS)** database, formerly known as the DOCKET database, is maintained by EPA and contains information on civil, judicial, and administrative enforcement cases under all environmental statutes. The ICIS database was searched for the target property only but no listing was reported.
- The **PCB Activity Database System (PADS)** includes generators, transporters, commercial storage facilities and/or brokers, and disposers of polychlorinated biphenyls (PCBs) who are required to notify EPA of such activities. The PADS database was searched for the target property only but no listing was reported.
- The **Material Licensing Tracking System (MLTS)** is maintained by the Nuclear Regulatory Commission (NRC) and lists sites that store or use radioactive materials subject to NRC licensing requirements. The MLTS database was searched for the target property only but no listing was reported.
- The **Radiation Information (RADINFO) Database** contains information about facilities operated under EPA regulations for radiation and radioactivity. The RADINFO database was searched for the target property only but no listing was reported.
- The **Facility Index System (FINDS)** contains both facility information and “pointers” to other databases that contain more detail. The other databases include RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES, FTTS, CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS, and TSCA. The FATES database contains information from the FIFRA (Federal Insecticide Fungicide Rodenticide Act) and Toxic Substances Control Act (TSCA) Enforcement System. FTTS is the FIFRA/TSCA Tracking System. The FINDS database was searched for the target property only but no listing was reported.

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- The **Resource Conservation and Recovery Act Administrative Action Tracking System (RAATS)** database contains records of enforcement actions under RCRA pertaining to major violators and includes administrative and civil actions brought by EPA. The RAATS database was searched for the target property only but no listing was reported.
- The **Risk Management Program (RMP)** database lists properties that use extremely hazardous materials. The RPM database was searched for the target property only but no listing was reported.
- The **California Bond Expenditure Plan (BEP)** was developed by DHS as the basis for appropriation of Hazardous Substance Cleanup Bond Act funds. It has since been superseded by the CAL-SITES database (see above) and is no longer kept current. The database did not include any BEP sites within 1 mile of the target property.
- The **CA Underground Injection Control (UIC)** database lists properties at which injection wells are operated. The CA UIC database was searched for the target property only but no listing was reported.
- The **CA NPDES** database is a listing of NPDES permits, including stormwater permits issued by the SWRCB. The CA NPDES database was searched for the target property but no listing was reported.
- The **CA CORTESE** database includes hazardous waste and substance sites, including public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release, and all solid waste disposal facilities from which there is known migration. The database did not contain any records pertaining to CA CORTESE sites within 0.5 mile of the target property.
- The **HIST CORTESE** database is a listing of hazardous waste and substance sites compiled by the SWRCB, the Integrated Waste Board, and the DTSC. The HIST CORTESE database includes four sites within 0.5 mile of the target property; however, all four sites are discussed elsewhere in this report.
- The **Certified Unified Program Agency (CUPA)** database lists properties subject to unified hazardous materials and hazardous waste management programs, including properties that operate USTs and/or ASTs. The database did not contain any records pertaining to CUPA sites within 0.25 mile of the target property.

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- The **Proposition 65 Notification Records (NOTIFY 65)** database contains a listing of notices about releases that could impact drinking water and thereby expose the public to a potential health risk. **Hollyway Dry Cleaners** (erroneously spelled as “Holloway Cleaners” in the EDR report), located 0.554 mile north of the target property, is listed in the NOTIFY 65 database and is discussed in Section 6.6.3 of this report.
- The **Los Angeles Co. Site Mitigation** database is a list of sites in Los Angeles County that have applied for voluntary oversight from the Los Angeles County Fire Department’s Health Hazardous Materials Division, Site Mitigation Unit (SMU) to facilitate the completion of site cleanup projects in an expeditious manner. The database was searched for the target property only but no listing was reported.
- The **DRYCLEANERS** database is a list of dry cleaning-related facilities, although not all dry cleaning facilities are included in this database. The database contains no records pertaining to DRYCLEANERS sites within 0.25 mile of the target property.
- The **Los Angeles Co. HMS** database lists industrial waste and UST sites in Los Angeles County. The database was searched for the target property only but no listing was reported.
- The **ENF** database lists properties at which the SWRCB has taken enforcement actions. The ENF database was searched for the target property only but no listing was reported.
- The **HAZNET** database identifies hazardous waste generators and hazardous waste treatment, storage, and disposal facilities in the state of California. Multiple HAZNET records were returned for the **target property**. Although the generation, handling, and transport of hazardous waste is not, in and of itself, indicative of subsurface contamination, the HAZNET listings are discussed in Section 6.5.
- The **CA Emissions Inventory Data (CA EMI)** database includes information on toxic and criteria pollutant air emission data collected by the Air Resources Board and local air pollution agencies. The CA EMI database was searched for the target property only but no listing was reported.
- The **Indian Reservations (INDIAN RESERV)** database lists reservations occupying at least 640 acres. The database did not contain any records pertaining to INDIAN RESERV sites within 1 mile of the target property.

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- The **State Coalition for Remediation of Drycleaners (SCRD DRYCLEANERS)** database lists drycleaner facilities that have formerly or are currently undergoing remediation and are regulated by the EPA. The database did not contain any records pertaining to SCR DRYCLEANER sites within 0.5 mile of the target property.
- The **2020 COR ACTION** database lists facilities at which EPA expects corrective action will be required. The database does not list any 2020 COR ACTION sites within 0.25 miles of the target property.
- The **LEAD SMELTERS** database was searched for the target property only but no listing was reported.
- The **US AIRS** database was searched for the target property only but no listing was reported.
- The **CA WDS** database contains records pertaining to sites for which Waste Discharge Requirements have been issued for discharges of waste to waters of the state. The WDS database was searched for the target property only but no listing was reported.
- The **Potentially Responsible Parties (PRP)** database is a listing of verified potentially responsible parties. The database was searched for the target property only but no listing was reported.
- The **CA FINANCIAL ASSURANCE** database lists financial assurance information compiled by the DTSC. The database was searched for the target property only but no listing was reported.
- The **COAL ASH EPA** database lists coal combustion residues surface impoundments with high hazard potential ratings compiled by the EPA. The database did not contain any records pertaining to COAL ASH EPA sites within 0.5 mile of the target property.
- The **PCB TRANSFORMER** database lists PCB transformer registrations that include all PCB registration submittals to the EPA. The database was searched for the target property only but no listing was reported.
- The **Financial Assurance** database was searched for the target property only but no listing was reported.
- The **Medical Waste Management Program (MWMP)** database lists medical waste offsite treatment facilities and transfer stations throughout California. Through permitting and inspections, the MWMP ensures the proper handling and

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disposal of medical waste. The database did not contain any records pertaining to MWMP sites within 0.25 mile of the target property.

- The **COAL ASH DOE** database lists power plants that store ash in surface ponds compiled by the Department of Energy. The database was searched for the target property only but no listing was reported.
- The **CA HWT** database lists hazardous waste transporters hazardous waste transporters registered with the DTSC. The database does not list any CA HWT site within 0.25 mile of the target property.
- The **CA HWP** database lists permitted hazardous waste facilities and corrective actions tracked in EnviroStor by the DTSC. The database did not contain any records pertaining to HWP sites within 1 mile of the target property.
- **EPA WATCH LIST.** The database was searched for the target property only but no listing was reported.
- The **PROC** database lists certified processors compiled by the Department of Conservation. The database does not list any PROC site within 0.5 mile of the target property.

6.4 PROPRIETARY RECORDS REVIEWED

The following proprietary and other EDR databases were searched for records pertaining to the target and surrounding properties:

- **Manufactured Gas Plants (MGP)** is an EDR proprietary database of gas manufacturing plants. The database did not contain any records pertaining to coal gas plants within 1 mile of the target property.
- **EDR Historical Auto Stations** is an EDR proprietary database of potential gas station/filling station/service station sites available to EDR researchers. The database contained records pertaining to 11 gasoline service stations within 0.25 mile of the target property. However, little to no additional information about these sites is available and they are not discussed further in this report.
- **EDR Historical Cleaners** is an EDR proprietary database of potential drycleaner sites available to EDR researchers. The database contained records pertaining to three potential dry cleaner sites within 0.25 mile of the target property. However, little to no additional information about these sites is available and they are not discussed further in this report.
- **Recovered Government Archive Solid Waste Facilities List (RGA LF)** is an EDR recovered government archive landfill database which provides a list of

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landfills derived from historical databases and includes records that no longer appear in current government lists. The database was searched for the target property only but no listing was reported.

- **Recovered Government Archive LUST (RGA LUST)** is an EDR recovered government archive LUST database which provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. The database was searched for the target property only but no listing was reported.

6.5 TARGET PROPERTY LISTINGS

The target property is listed in the CHMIRS, ERNS, and HAZNET databases. The CHMIRS database lists three reported releases that have occurred at the site. Two of the releases were minor; one involved an employee dropping a 4-liter container of methylene chloride and another involved the disposal of an unlabeled container in a trash bin. Both of these cases were reported to have been completely contained and cleaned up, and the available records do not suggest the threat of residual subsurface contamination from either of these incidents. The third CHMIRS database listing, which is also the subject of the ERNS listing, pertains to a release of approximately 350 pounds of Freon[®] 22 refrigerant from a ruptured chiller unit on August 21, 2002. The boiling point of Freon[®] 22 is well below atmospheric temperatures (-160 C), suggesting it would have vaporized upon contact with ambient air, although its vapor density is greater than that of air. As such, the release of Freon[®] 22 could have spread along the ground surface as a vapor until it either dispersed or was absorbed onto exposed soil. In addition to the aforementioned release reports, the target property is also listed in the HAZNET database because of the generation and temporary (less than 90 days) onsite storage of hazardous waste. As previously noted, the generation, handling, and transport of hazardous waste does not indicate that releases have occurred; rather, the HAZNET listings indicate the generator is following the appropriate waste handling and manifesting procedures.

6.6 OFFSITE DATABASE LISTINGS

After reviewing the information provided in EDR's report (Appendix E) and additional information available from the GeoTracker and EnviroStor web sites maintained by Cal/EPA, the following sites are potentially relevant for Phase I ESA purposes.

6.6.1 G.C. Hewitt Co.

The G.C. Hewitt Co. site is located at 174 Glendale Boulevard, approximately 0.275 mile southwest of the subject site. The company is listed in the CERCLIS NFRAP, ENVIROSTOR, HIST UST, and RCRA-SQG databases. The property has been historically used by a painting contractor. The CERCLIS NFRAP listing and ENVIROSTOR listing refer to the closure of the site and subsequent investigation into possible subsurface contamination by the DTSC. The listings describe the potential contaminant of concern to be paint sludge. Reports indicate that contamination was not discovered during preliminary assessment and a no action decision was

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made. The HIST UST listing indicates that a UST containing unleaded fuel was present at the site, but that no leaks occurred from the tank. The RCRA-SQG indicates the past presence of hazardous waste at the site. Although these listings establish that hazardous materials have been present at the site in the past, they do not necessarily indicate that releases to the subsurface have occurred. As such, and considering the intervening distance, activities at the G.C. Hewitt Co. are not considered likely to have impacted the target property.

6.6.2 School Cleanup Sites

Of the 15 ENVIROSTOR listings, 9 are schools that have undergone environmental investigation as part of the DTSC school cleanup program. Eight of these schools are over 0.5 mile from the subject site and all but one are hydraulically downgradient (to the south), making it unlikely for them to have affected the subsurface environment at the target property. Betty Plasencia Elementary School is the closest of these schools, located at 1321 Cortez Street in Los Angeles, approximately 519 feet southeast of the site. No contaminants of concern were reported to have been discovered at the site and the case has been deemed inactive as of January 2000. Absent any evidence of subsurface contamination at the Betty Plasencia Elementary School, impacts to the subject property are considered unlikely.

6.6.3 Hollyway Dry Cleaners

Hollyway Dry Cleaners is located at 1159 Echo Park Boulevard in Los Angeles, approximately 0.554 mile north of the target property. Listed in the NOTIFY 65 database, it appears that dry cleaning operations at Hollyway Dry Cleaners date back to 1941. An environmental assessment of the property in 1988 indicated that the underlying soil and groundwater are contaminated with tetrachloroethylene, trichloroethylene, and other volatile organic compounds. Investigations at the property have included the installation of ten groundwater monitoring wells and soil gas survey points. A soil vapor extraction system operated at the Hollyway Dry Cleaners property between 1994 and 1996 (Environmental Resolutions, Inc., 2009).

A third quarter groundwater monitoring report prepared by Gannett Fleming in October 2014 indicates contaminant concentrations in groundwater are decreasing or stable throughout the plume. Hydrogeological records indicate that the site is hydraulically upgradient of the subject property, but the contaminant plume appears not to extend beyond the northern shore of Echo Park Lake, over 0.25 mile away (Gannett Fleming, 2014). Considering the intervening distance and that Echo Park Lake may act as a recharge barrier, the solvent release at Hollyway Dry Cleaners is unlikely to affect the subsurface environment beneath the subject site.

7.0 CONCLUSIONS

This section summarizes the Phase I ESA conclusions in terms of RECs, CRECs, HRECs, and OEFs at the site.

7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

ASTM (2013) defines RECs as:

“. . . the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.”

Based on the subject Phase I ESA, Avocet has identified two RECs at the site, as follows:

- **REC 1 – Freon[®] 22.** On August 21, 2002, approximately 350 pounds of Freon[®] 22 were released from a chiller unit located in the northeast corner of the property. The release was due to a ruptured heat pump on the suction line. Although the spill was reportedly contained, Freon[®] 22 may have impacted the subsurface due to its high vapor density compared to air. As such, the release of Freon[®] 22 refrigerant is considered a REC for the purposes of this Phase I ESA.
- **REC 2 – Wastewater Clarifier.** Wastewater from sinks in the laboratory flows through a subsurface clarifier before being discharged under permit to the sanitary sewer system. In addition to the potential for leaks from the clarifier, particularly the inlet and outlet connections, Avocet observed overflow from the clarifier due to an obstructed discharge line. Because of the potential for hazardous wastewater constituents to have been released, the clarifier is considered a REC for the purposes of this Phase I ESA.

7.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

ASTM (2013) defines CRECs as a REC:

“ resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

Based on the subject Phase I ESA, Avocet has not identified any CRECs at the site.

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7.3 HISTORICAL RECs (HRECs)

ASTM defines HRECs as:

“ a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

Based on the subject Phase I ESA, Avocet has not identified any HRECs at the site.

7.4 OTHER ENVIRONMENTAL FEATURES (OEFs)

OEFs are potential environmental features or conditions that do not meet the ASTM definition of a REC, CREC, or HREC but which may warrant mention in a comprehensive Phase I ESA. Based on the subject Phase I ESA, three OEFs have been identified at the site, as summarized below. To minimize possible confusion, the REC and OEF identification numbers are sequential.

- **OEF 3 – Methane.** The site is within an administrative boundary of an oil field and, as such, future development will need to be designed in compliance with the applicable methane ordinances.
- **OEF 4 – Methylene Chloride Spill.** A small (less than 4 liters) spill of methylene chloride reportedly occurred in the back hallway of the ground floor of the laboratory in January 2001 (Figure 2). Based on the available information, the spill was completely contained and immediately cleaned up by the CDPH. As such, its impact, if any, on the subsurface environment is likely to have been *de minimis*, and as such, it is considered an OEF rather than a REC for Phase I ESA purposes.
- **OEF 5 – Asbestos-Containing Material.** The presence of asbestos has been confirmed in four different construction materials and is assumed to be present in transite material in the building. With the exception of sprayed-on fireproofing, which is considered friable, the ACMs are in good condition and do not pose a direct environmental and/or public health risk as long as the material is maintained in its present condition. The identified ACMs, and other suspect materials that may be encountered, should be abated by a suitably licensed and experienced contractor prior to general building demolition or renovation.
- **OEF 6 - Aerially Deposited Lead.** The site is located adjacent to the Hollywood (101) Freeway and, therefore, in close proximity to an area affected by ADL. ADL refers to lead deposited on the shoulders of freeways as a result of the past

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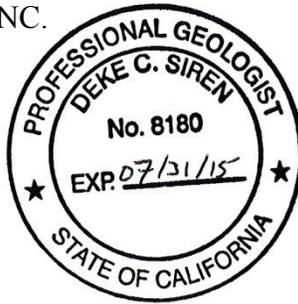
use of leaded gasoline. Although the use of leaded fuel has been prohibited in the United States since the 1980s, it is possible for ADL to be present in soils adjacent to highways that were in use prior to the prohibition of leaded gasoline (http://www.dot.ca.gov/hq/env/haz/hw_adl.htm). Although the Hollywood Freeway has been opened since the early 1950s, prior to the end of the use of leaded gasoline, aerial photographs show that the site was paved over as early as 1952. Paving of the site makes it unlikely that ADL would have affected the subsurface beneath the site as there was no exposed soil on the property.

Respectfully submitted,

AVOCET ENVIRONMENTAL, INC.



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Project Manager



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California Department of Public Health Laboratory**

1449 West Temple Street
Los Angeles, California 90026

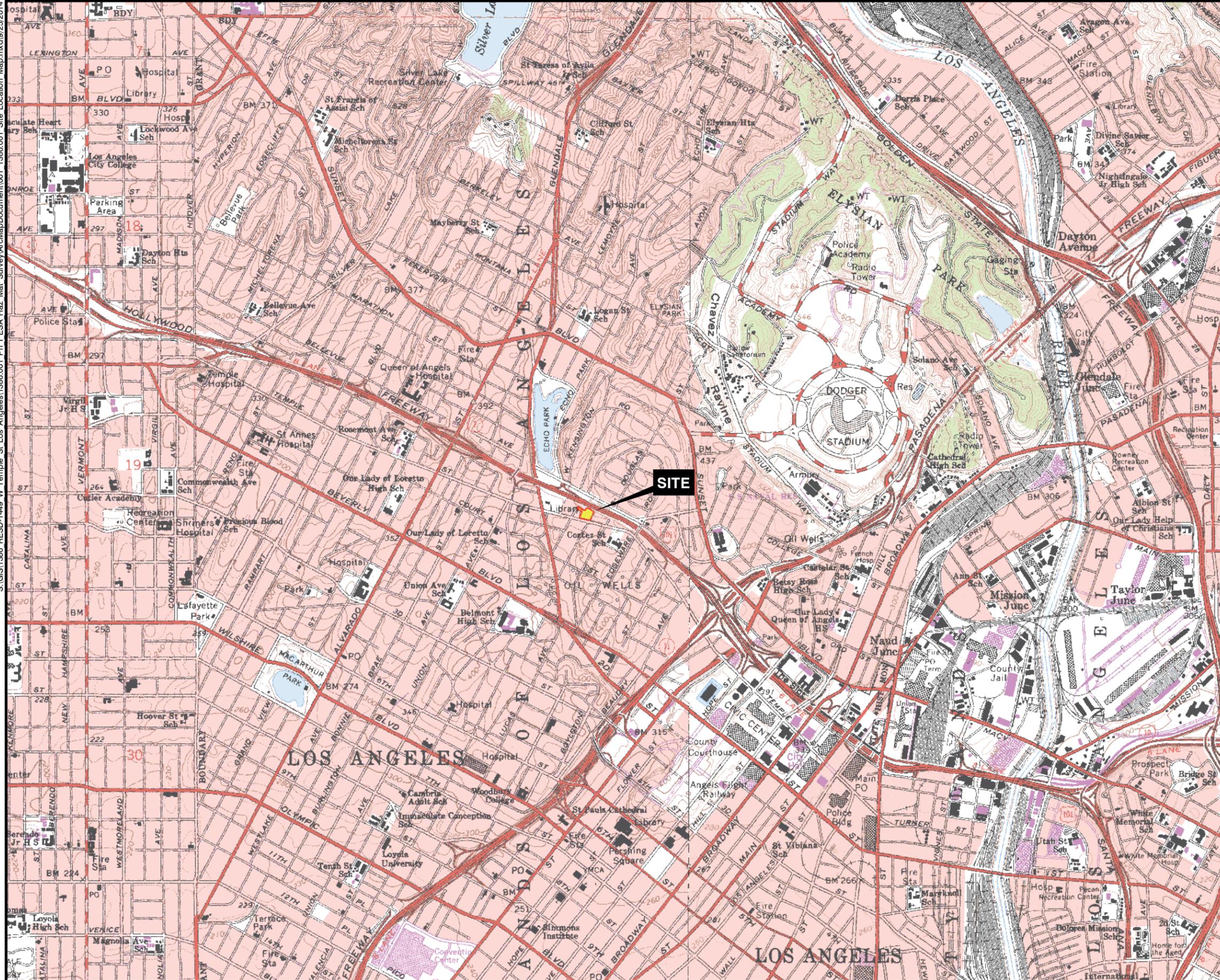
Page 36
February 4, 2015

REFERENCES

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Figures

S:\GIS\1386 RESD-1449 W Temple St Los Angeles\1386.001 Ph. I ESA Haz Mat Survey\ArcMap\Document\001_1386.001_Site_Location_Map.mxd\9/25/2014



AREA SHOWN

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7.5 MINUTE USGS TOPOGRAPHIC MAPS OF
HOLLYWOOD AND LOS ANGELES, CALIFORNIA
DATED: 1966
PHOTOREVISED: 1981

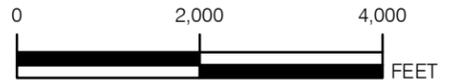


FIGURE 1
SITE LOCATION MAP

1449 W. TEMPLE AVENUE
LOS ANGELES, CALIFORNIA
PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



S:\GIS\1386 RESD-1449 W Temple St. Los Angeles\1386.001 Ph. I. ESA_Haz_Mat_Survey\ArcMapDocument\028_1386.001_Site_Plan_REC_OEF_Locations.mxd/1/16/2015



LEGEND

-  RECOGNIZED ENVIRONMENTAL CONDITION
-  OTHER ENVIRONMENTAL FEATURE

REFERENCE:
URBAN IMAGES.
DATED: 03/12/2004



-  FREON RELEASE
-  CLARIFIER
-  METHANE MITIGATION (SITE WIDE)
-  METHYLENE CHLORIDE SPILL (APPROXIMATE LOCATION)
-  ACMS
-  AERIALY DEPOSITED LEAD (ADL)

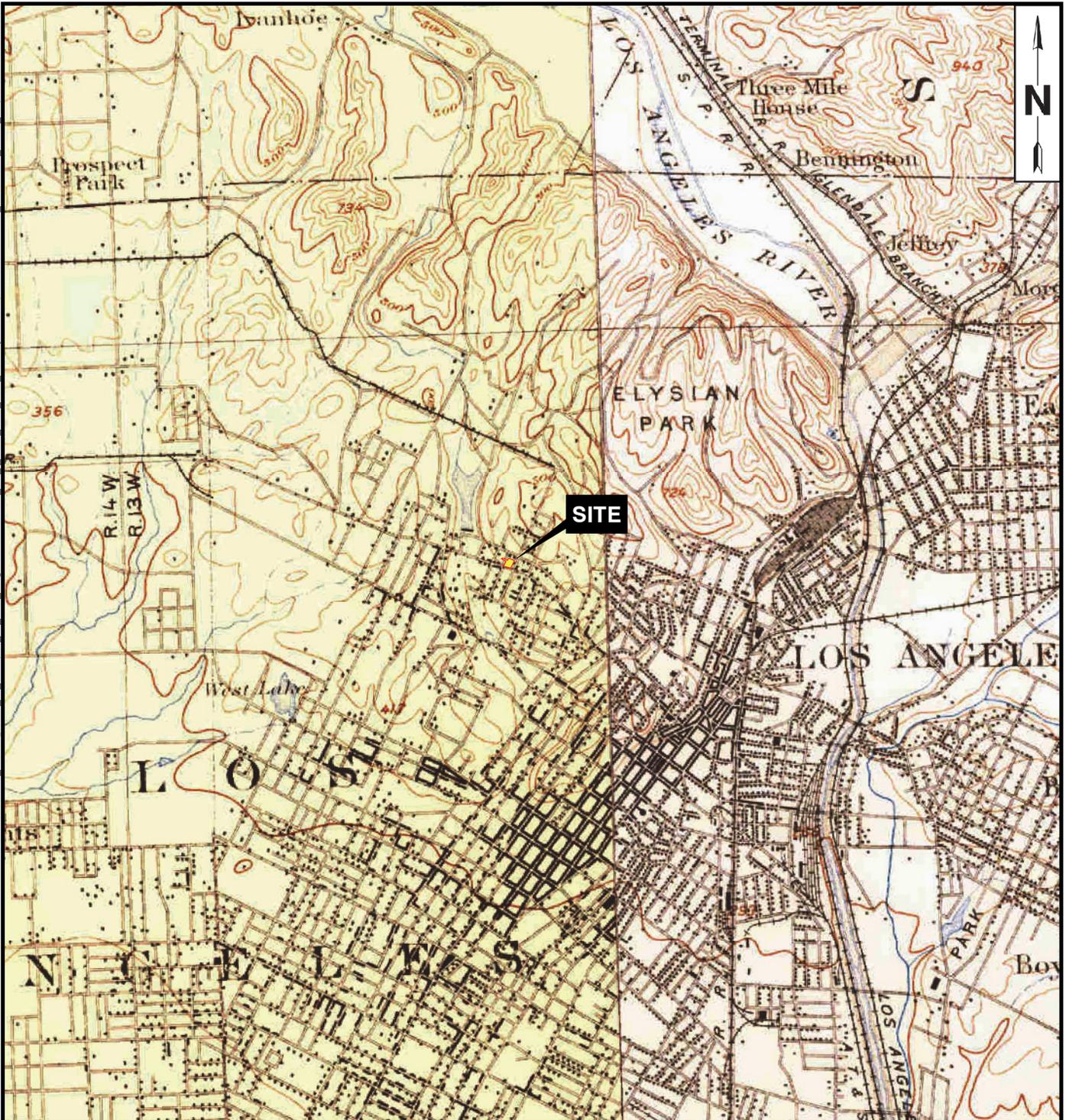
FIGURE 2
**SITE PLAN WITH APPROXIMATE
REC AND OEF LOCATIONS**

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA
PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



Appendix A

Historical Topographic Maps



AREA SHOWN

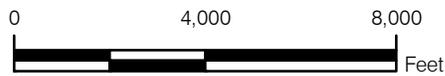


FIGURE A-1

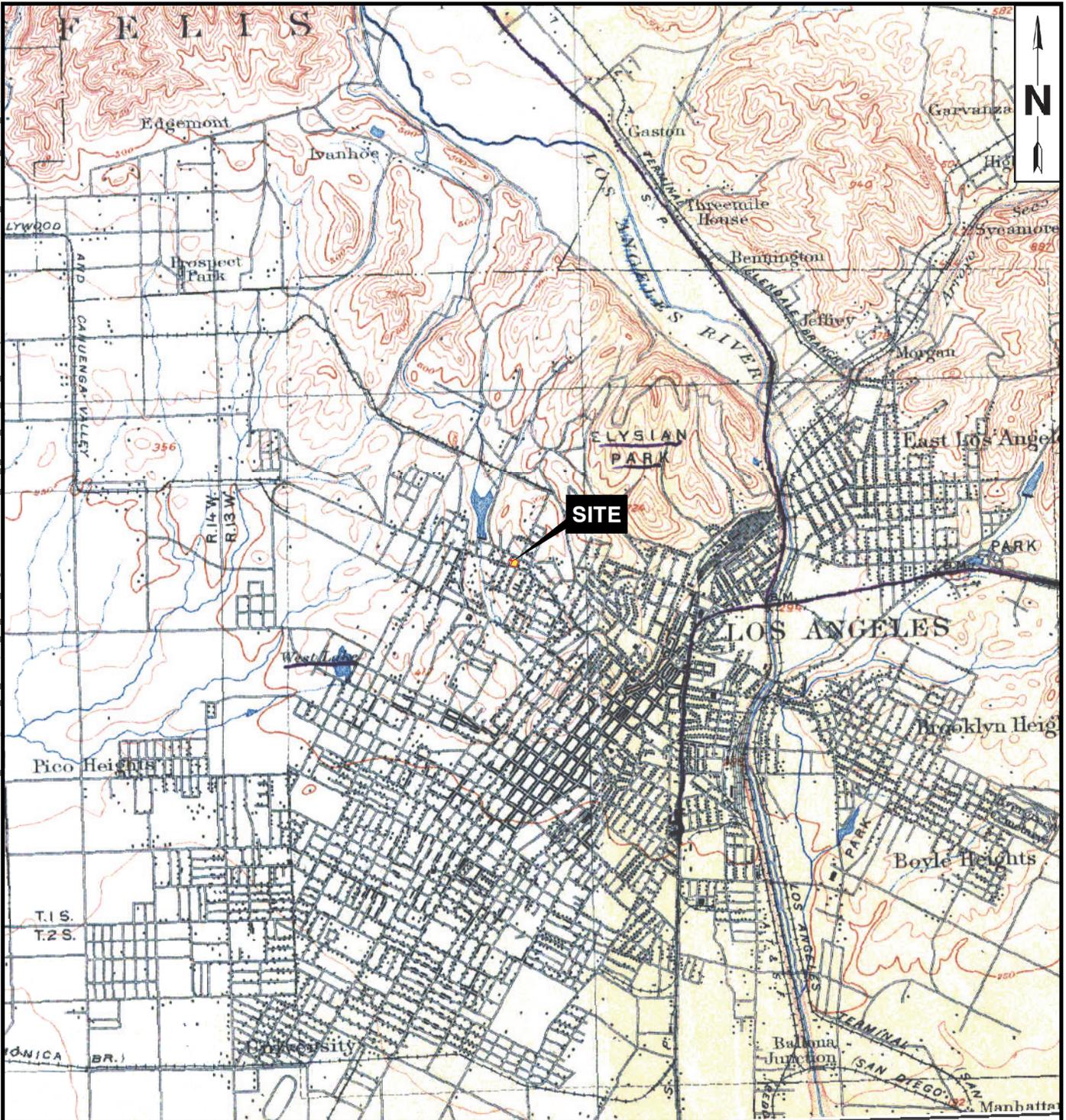
1896 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES

REFERENCE:
15-MINUTE U.S.G.S. TOPOGRAPHIC MAPS OF
LOS ANGELES AND PASADENA, CALIFORNIA
DATED: 1896





AREA SHOWN

REFERENCE:
15-MINUTE U.S.G.S. TOPOGRAPHIC MAP OF
LOS ANGELES, CALIFORNIA
DATED: 1900

FIGURE A-2

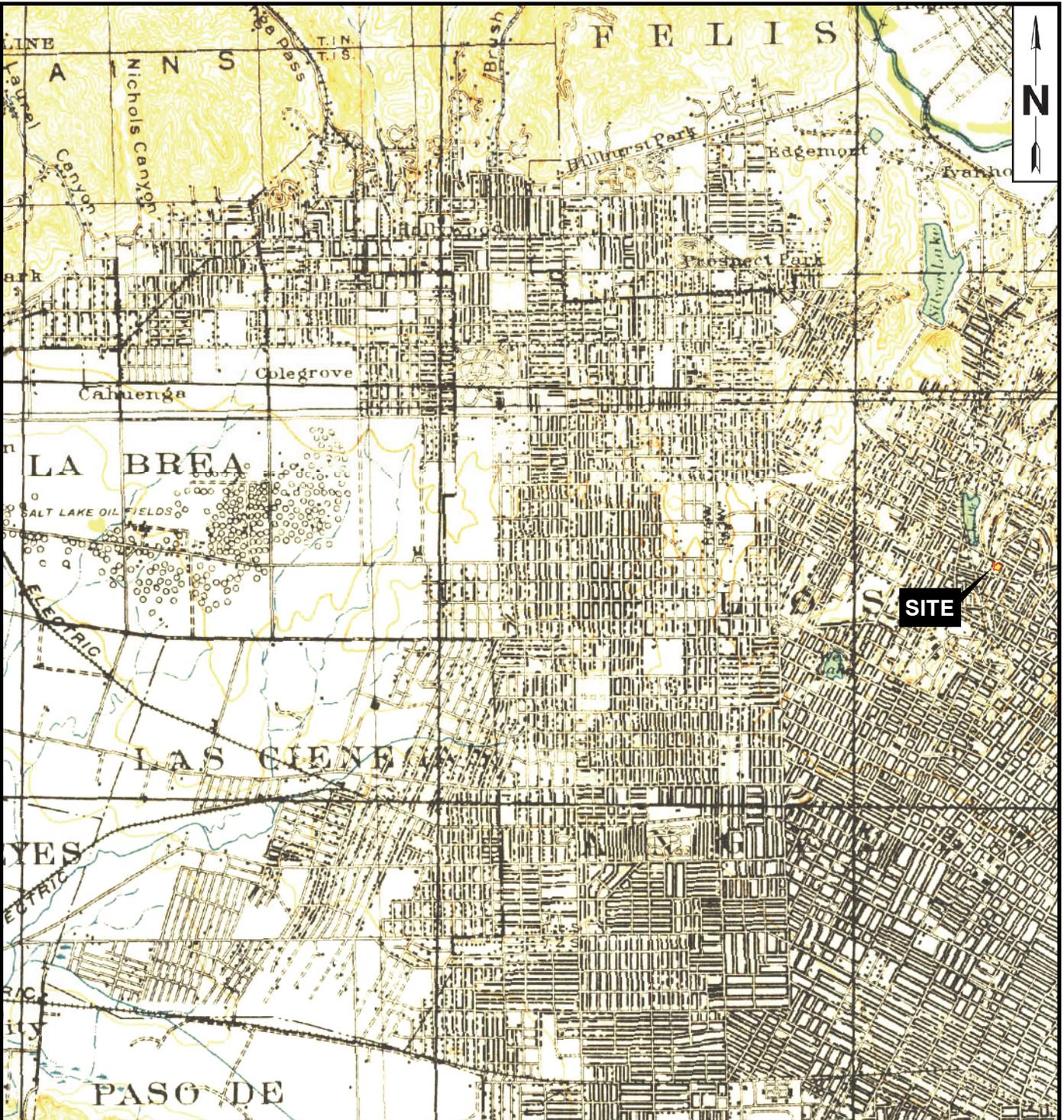
1900 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



S:\GIS\1386 RESD-1449 W Temple St Los Angeles\1386.001 Ph I ESA Haz Mat Survey\ArcMapDocument\006_1386.001_1920_Topo.mxd(9/25/2014



AREA SHOWN

REFERENCE:
15-MINUTE U.S.G.S. TOPOGRAPHIC MAP OF
SANTA MONICA, CALIFORNIA
DATED: 1920

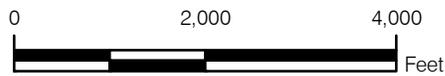
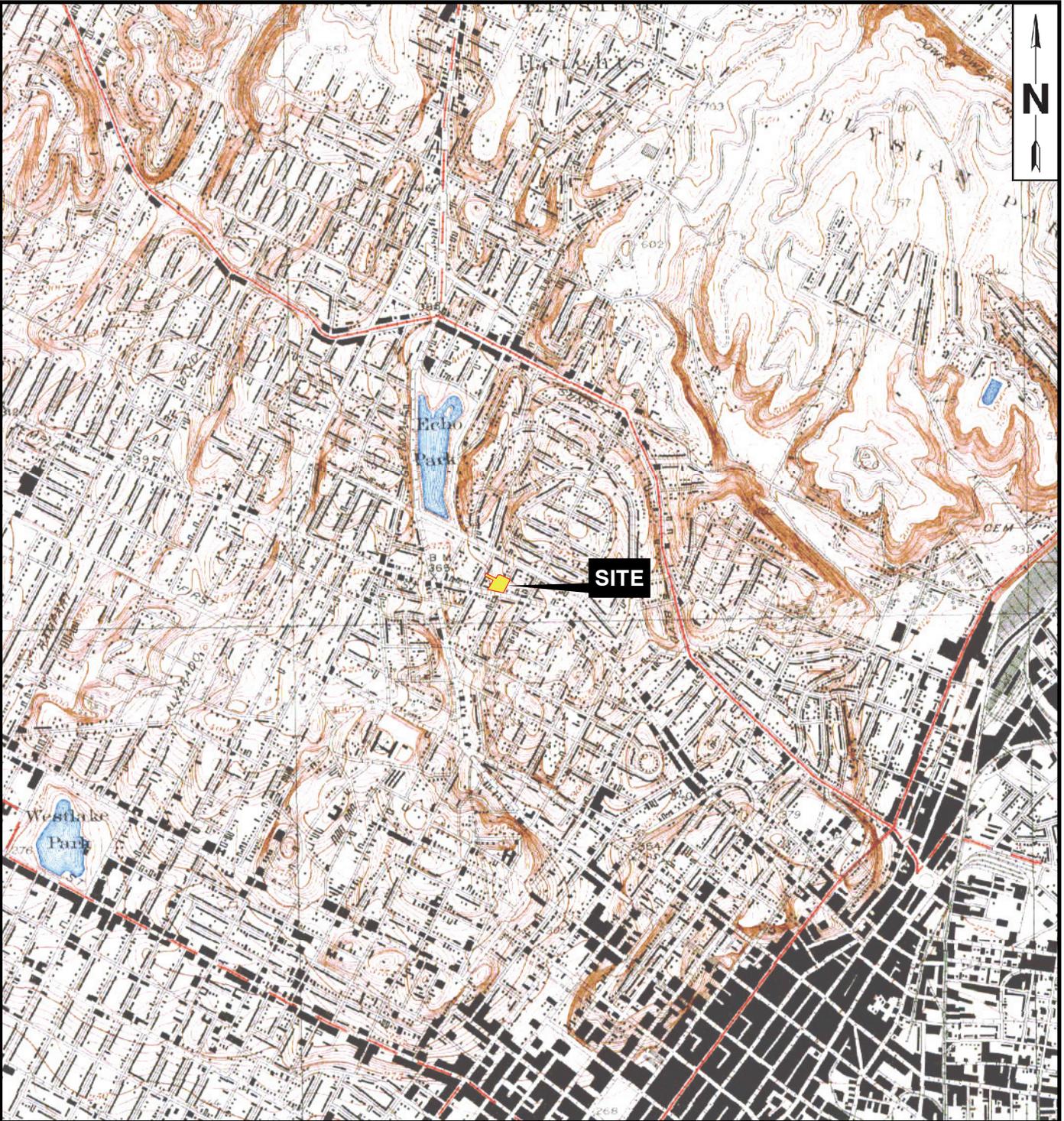
FIGURE A-4

1920 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES





AREA SHOWN

REFERENCE:
6-MINUTE U.S.G.S. TOPOGRAPHIC MAP OF
LOS ANGELES, CALIFORNIA
DATED: 1928

FIGURE A-5

1928 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

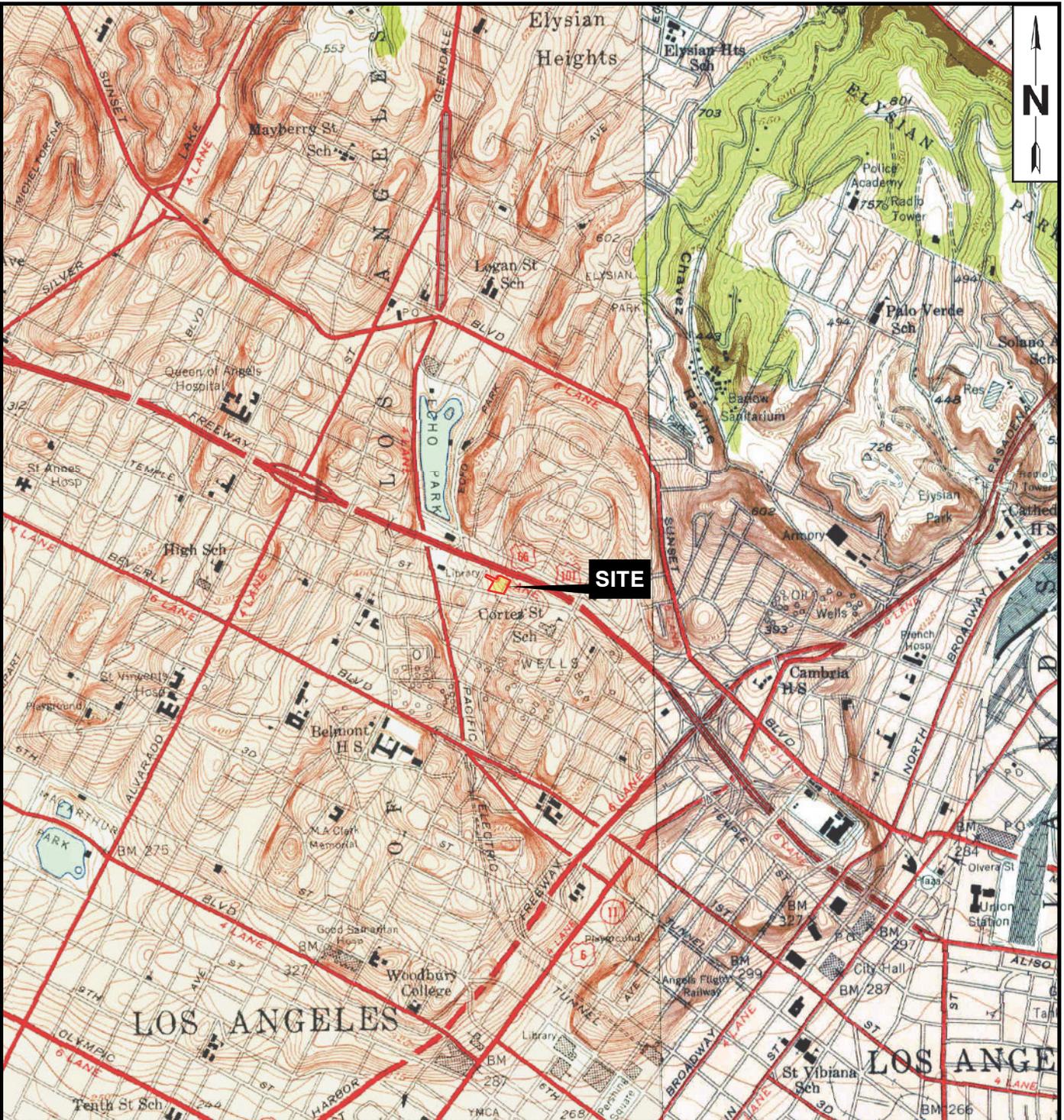
PREPARED FOR

RESD

SACRAMENTO, CALIFORNIA



AVOCET
ENVIRONMENTAL, INC.



REFERENCE:
7.5-MINUTE U.S.G.S. TOPOGRAPHIC MAPS OF
HOLLYWOOD AND LOS ANGELES, CALIFORNIA
DATED: 1953

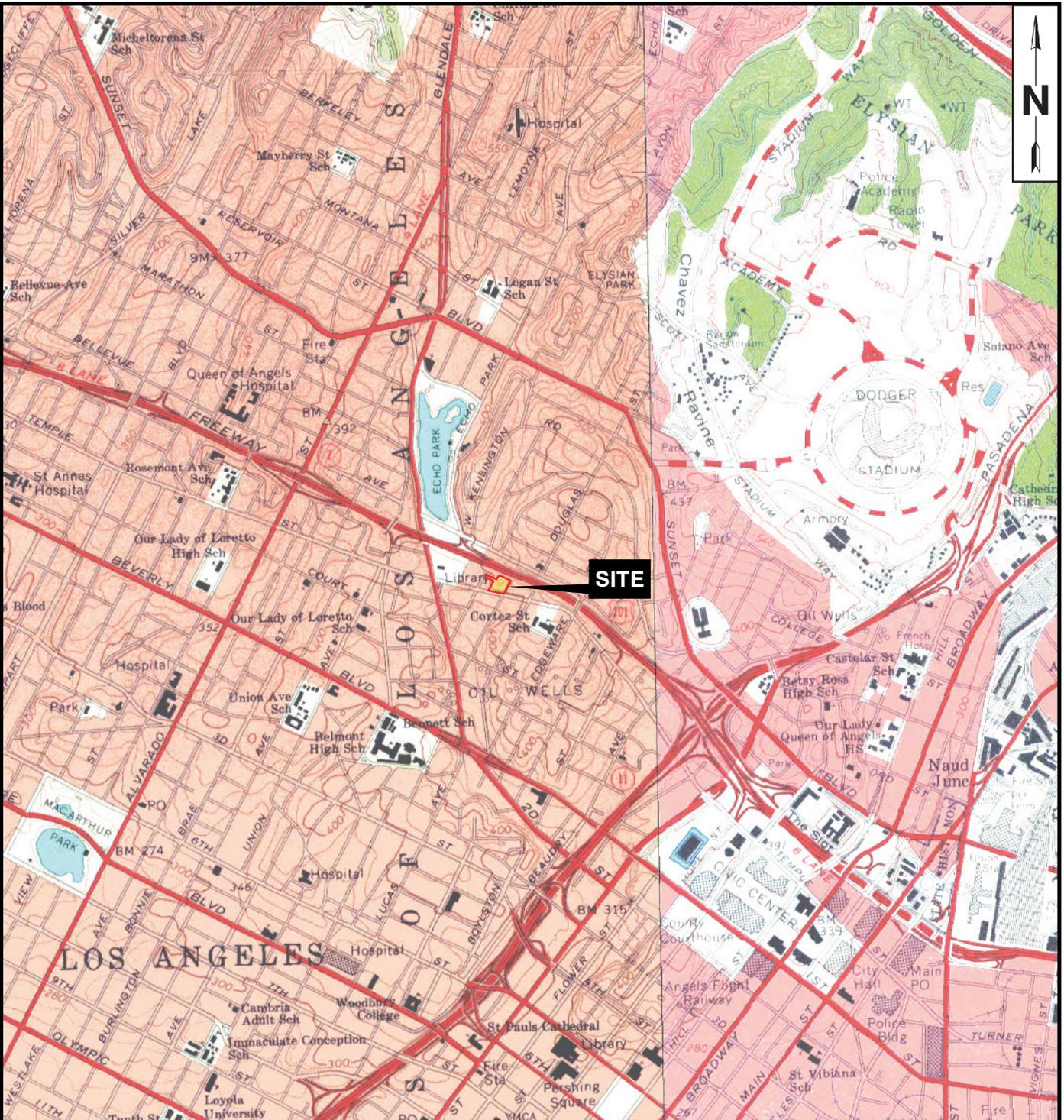
FIGURE A-6

1953 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES





SITE



AREA SHOWN

REFERENCE:
 7.5-MINUTE U.S.G.S. TOPOGRAPHIC MAPS OF
 HOLLYWOOD AND LOS ANGELES, CALIFORNIA
 DATED: 1966

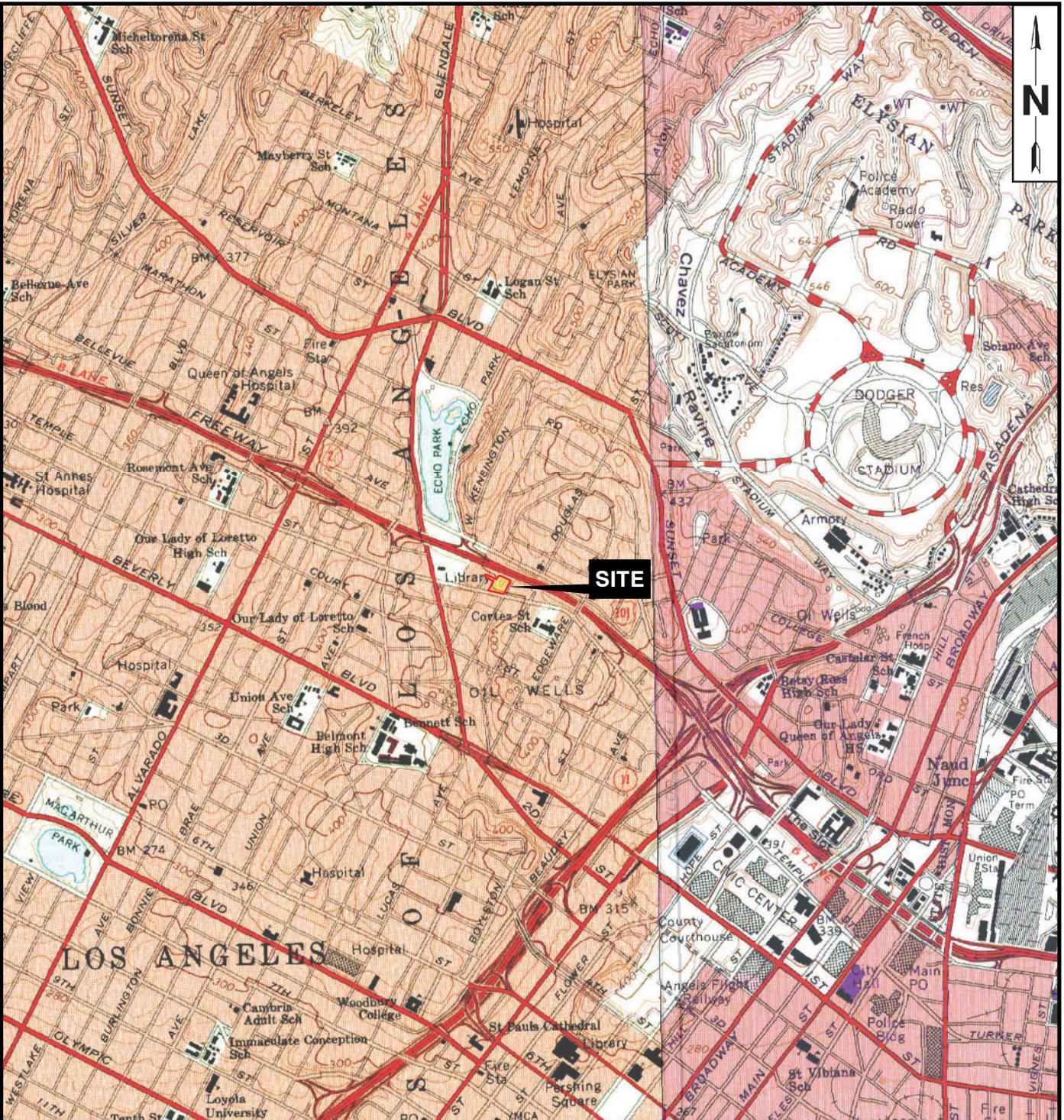
FIGURE A-7

1966 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
 LOS ANGELES, CALIFORNIA

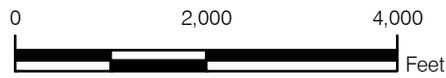
PREPARED FOR
 CALIFORNIA DEPARTMENT OF
 GENERAL SERVICES





SITE

LOS ANGELES



7.5-MINUTE U.S.G.S. TOPOGRAPHIC MAPS OF HOLLYWOOD AND LOS ANGELES, CALIFORNIA
 DATED: 1966
 PHOTOREVISED: 1972

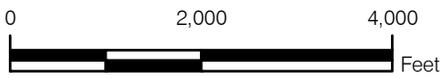
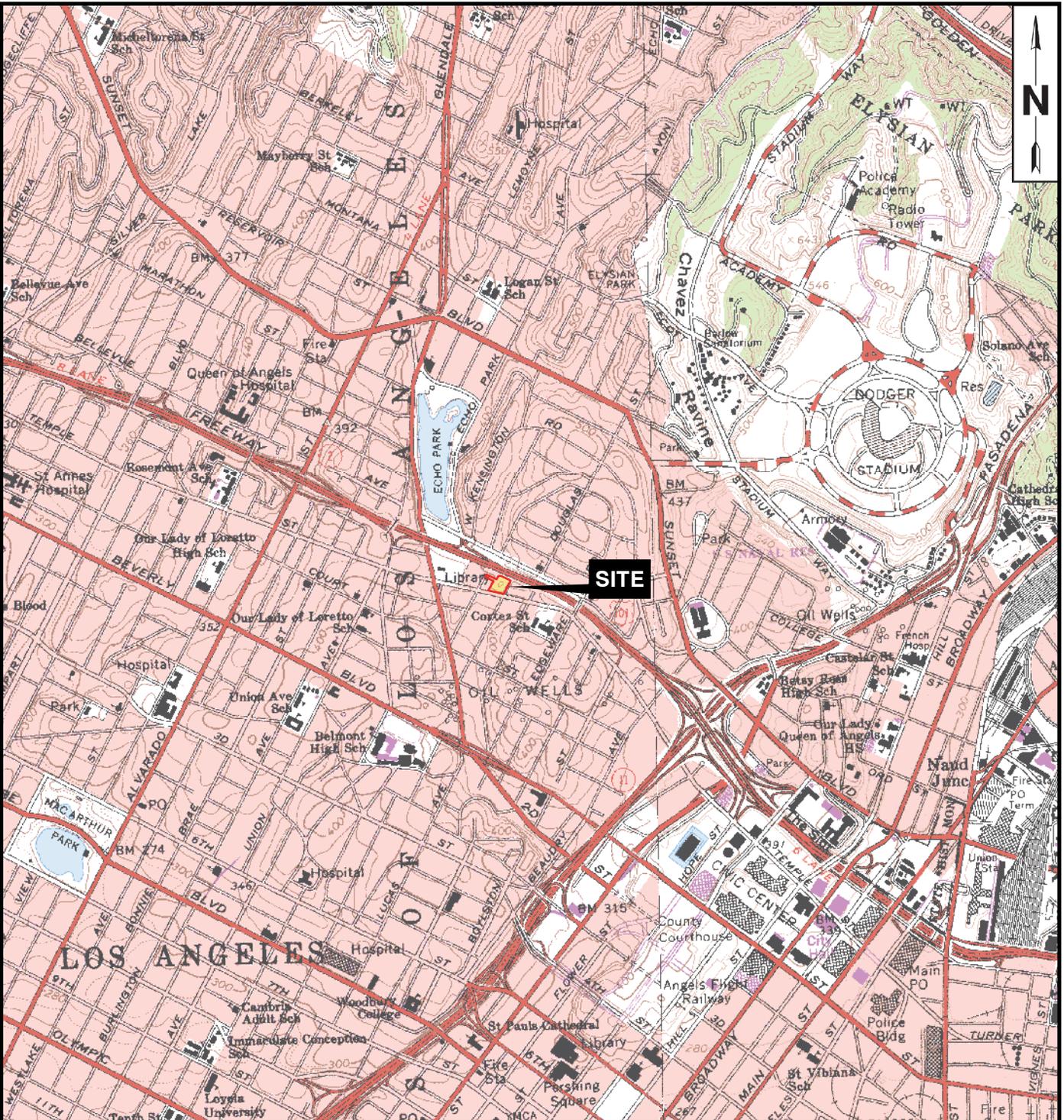
FIGURE A-8

1972 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
 LOS ANGELES, CALIFORNIA

PREPARED FOR
 CALIFORNIA DEPARTMENT OF
 GENERAL SERVICES





AREA SHOWN

7.5-MINUTE U.S.G.S. TOPOGRAPHIC MAPS OF HOLLYWOOD AND LOS ANGELES, CALIFORNIA
 DATED: 1966
 PHOTOREVISED: 1981

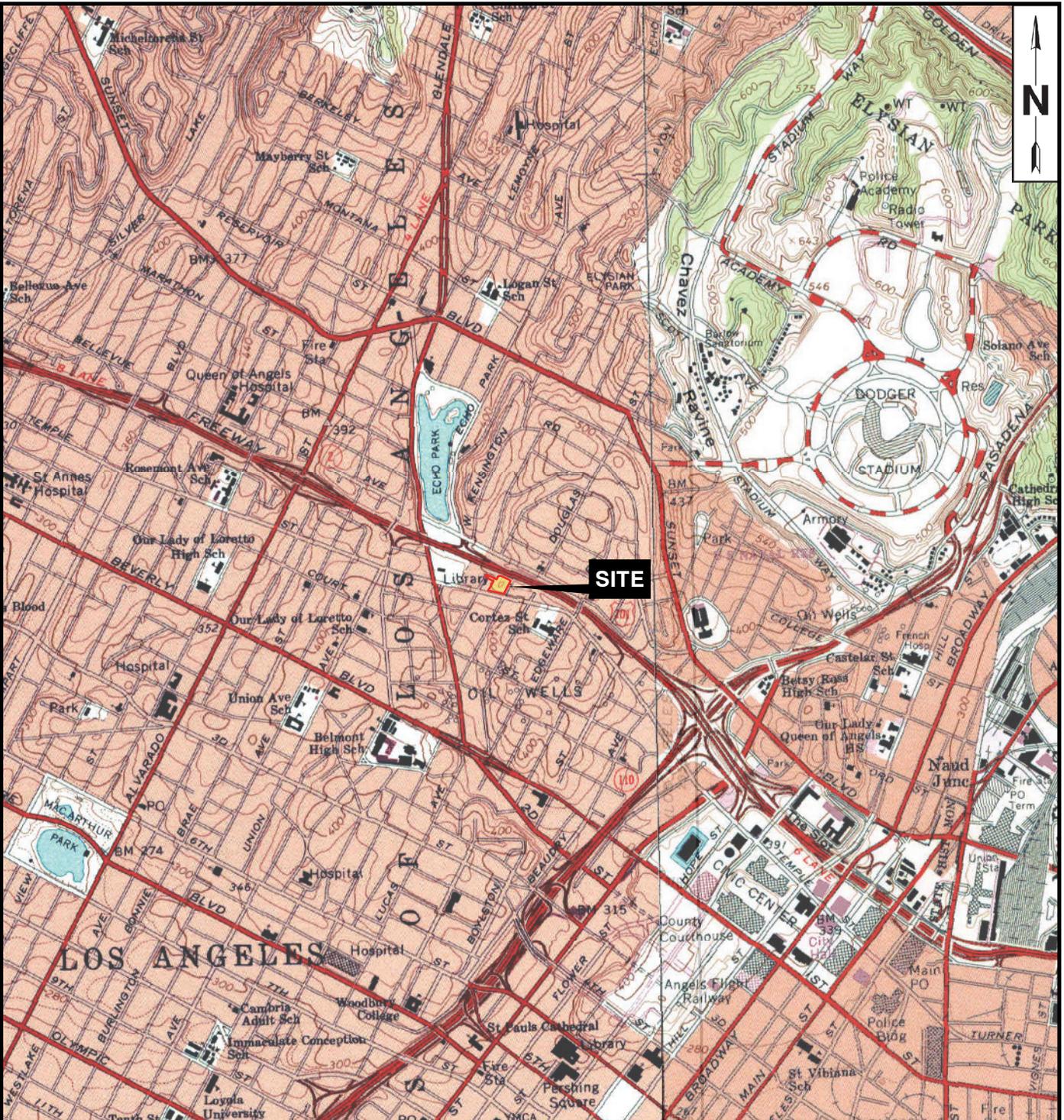
FIGURE A-9

1981 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
 LOS ANGELES, CALIFORNIA

PREPARED FOR
 CALIFORNIA DEPARTMENT OF
 GENERAL SERVICES





SITE

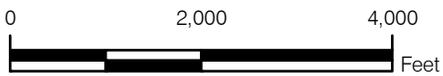


FIGURE A-10

1994 TOPOGRAPHIC MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES

7.5-MINUTE U.S.G.S. TOPOGRAPHIC MAPS OF
HOLLYWOOD AND LOS ANGELES, CALIFORNIA
DATED: 1966
PHOTOREVISED: 1994



Appendix B

Historical Aerial Photographs



FIGURE B-1

1923 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1928 AERIAL PHOTOGRAPH BY U.S.G.S.

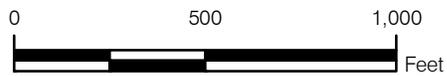


FIGURE B-2

1928 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1928 AERIAL PHOTOGRAPH BY U.S.G.S.

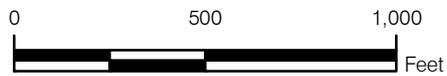


FIGURE B-3

1938 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1938 AERIAL PHOTOGRAPH BY U.S.G.S.

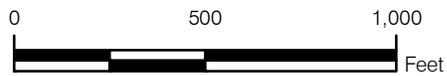


FIGURE B-4

1948 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1948 AERIAL PHOTOGRAPH BY U.S.G.S.

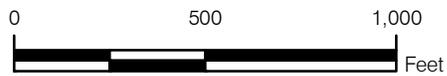


FIGURE B-5

1952 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1952 AERIAL PHOTOGRAPH BY U.S.G.S.

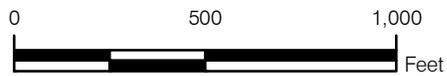


FIGURE B-6

1964 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1964 AERIAL PHOTOGRAPH BY U.S.G.S.

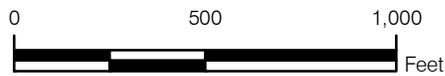


FIGURE B-7

1977 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1977 AERIAL PHOTOGRAPH BY U.S.G.S.

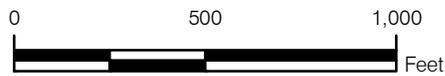
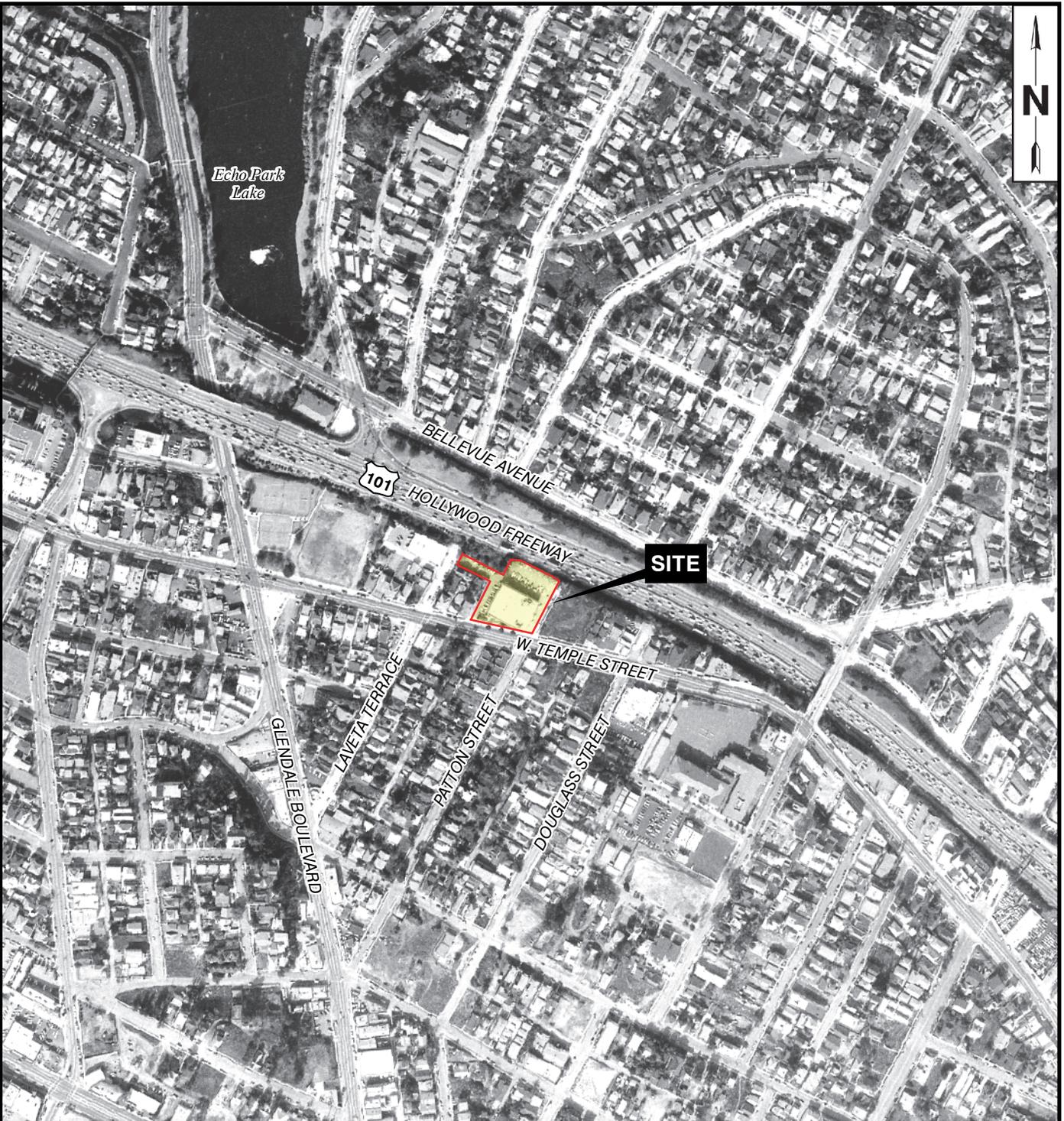


FIGURE B-8

1979 AERIAL PHOTOGRAPH

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LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1979 AERIAL PHOTOGRAPH BY U.S.G.S.

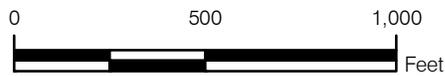


FIGURE B-9

1981 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1981 AERIAL PHOTOGRAPH BY U.S.G.S.

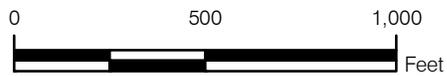


FIGURE B-10

1989 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES

REFERENCE:
1989 AERIAL PHOTOGRAPH BY U.S.G.S.



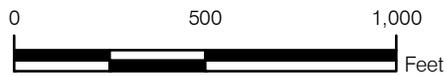


FIGURE B-11

1994 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
1989 AERIAL PHOTOGRAPH BY U.S.G.S.

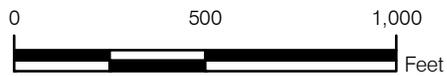


FIGURE B-12

2002 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
2002 AERIAL PHOTOGRAPH BY U.S.G.S.



SITE

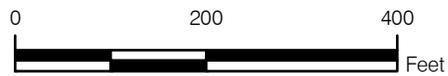


FIGURE B-13

2004 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
2004 AERIAL PHOTOGRAPH BY URBAN IMAGES

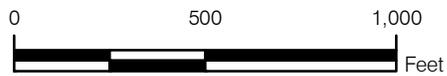


FIGURE B-14

2009 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
2009 AERIAL PHOTOGRAPH BY U.S.G.S.

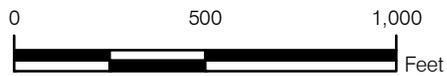


FIGURE B-15

2012 AERIAL PHOTOGRAPH

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES



REFERENCE:
2012 AERIAL PHOTOGRAPH BY U.S.G.S.

Appendix C

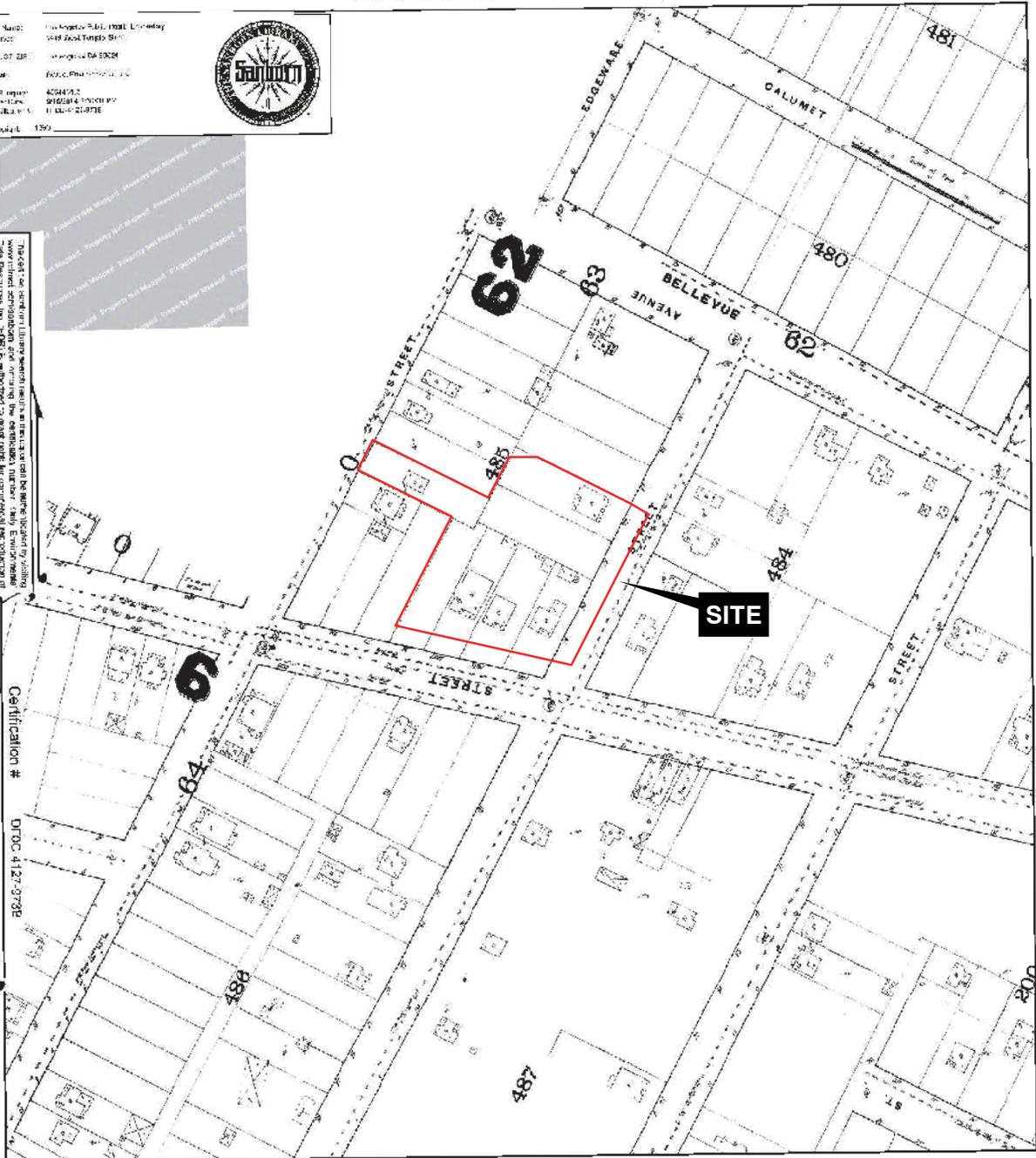
Certified Sanborn[®] Map Report

1890 Certified Sanborn Map

S.A. No.:	Sanborn 1890
Address:	1449 W Temple St
City, St, ZIP:	Los Angeles, CA 90024
County:	Los Angeles
ESR No.:	42544712
ESR No.:	9162814-1000100
ESR No.:	11 0049-218716
Scale:	1:50



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 Outlined areas indicate map sheets within the collection.

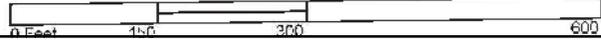


FIGURE C-1

1890 SANBORN MAP

1449 W. TEMPLE STREET
 LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD

SACRAMENTO, CALIFORNIA



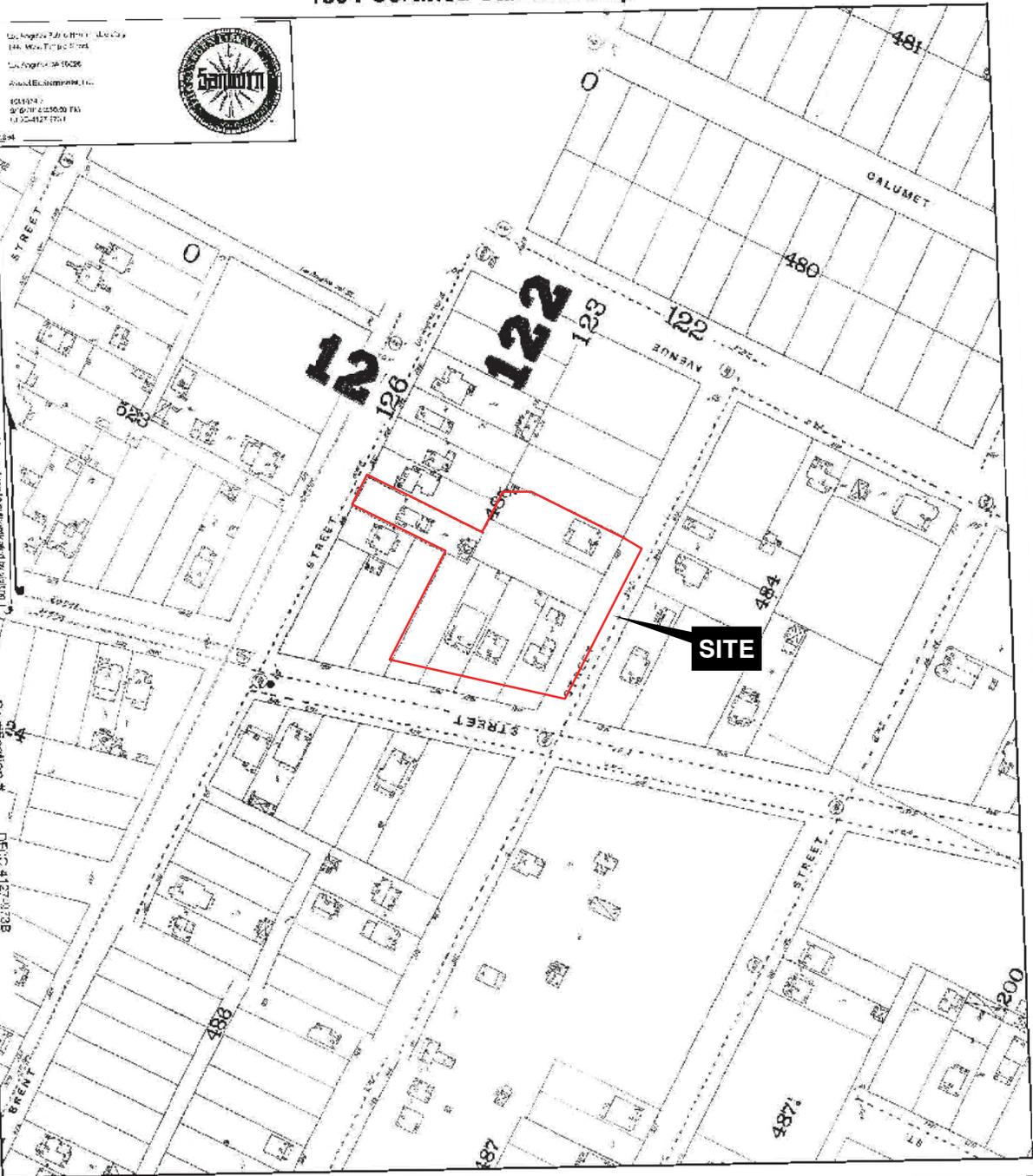
REFERENCE:
 1890 CERTIFIED SANBORN MAP

1894 Certified Sanborn Map

City Name: Los Angeles, California
 Address: 1449 W Temple Street
 City: Los Angeles, CA 90026
 State: California, USA
 EDR: 12/30/2014
 City: 90026
 State: CA
 Country: USA
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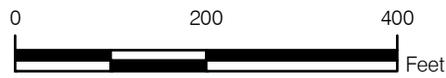
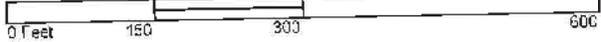


FIGURE C-2

1894 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD
SACRAMENTO, CALIFORNIA



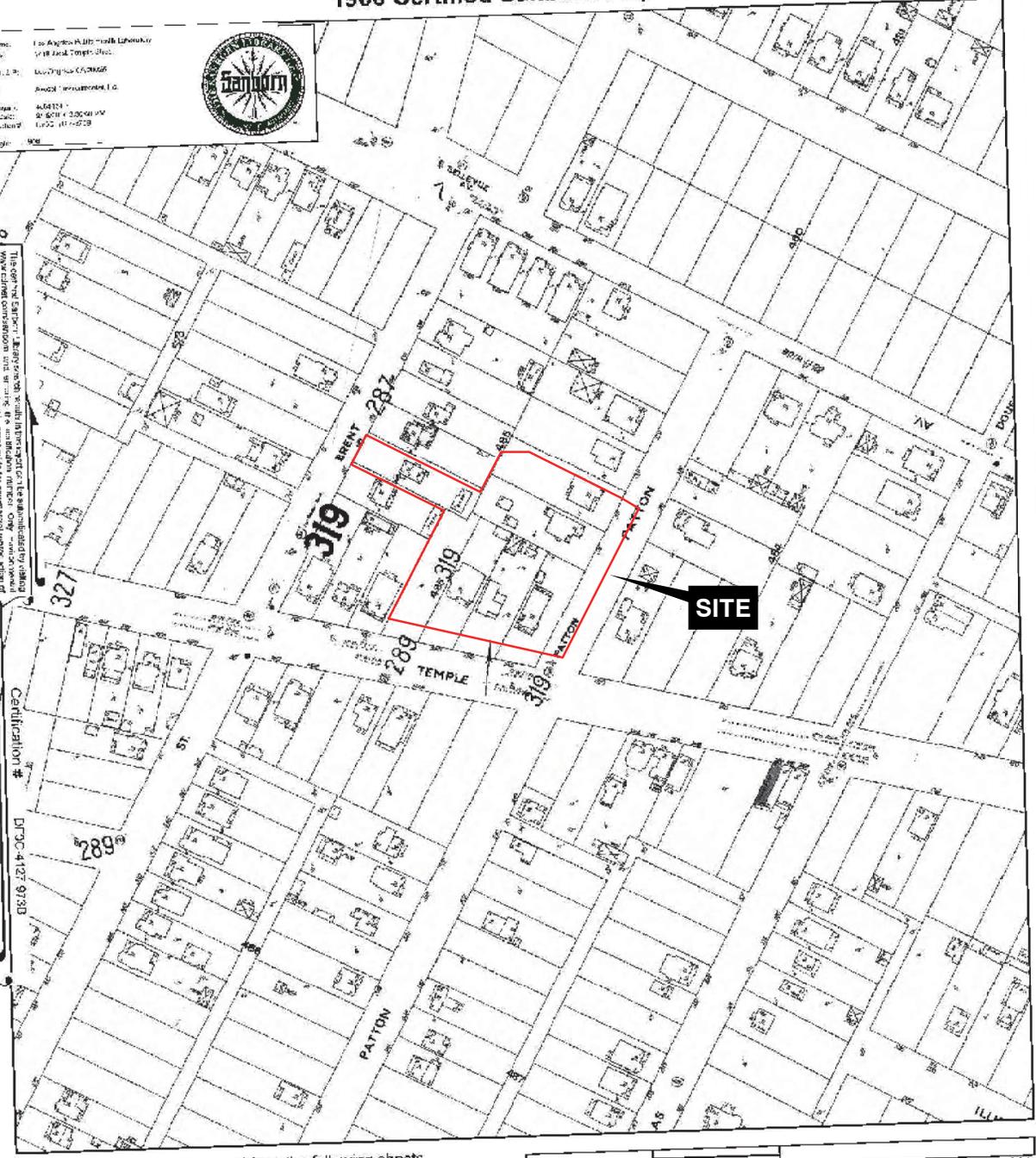
REFERENCE:
1894 CERTIFIED SANBORN MAP

1906 Certified Sanborn Map

Map Name:	Los Angeles Haz Mat Survey
Author:	W. B. Beck, 1906-1907
City:	Los Angeles, CALIFORNIA
Client:	Avocet Environmental, Inc.
Map Scale:	1:62,500
Scale:	1" = 520' (1:312,500)
Scale Date:	1/2002 (1:312,500)
Scale By:	W. B.



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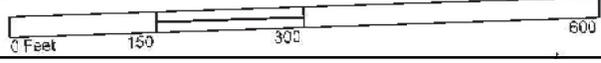


FIGURE C-3

1906 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR
RESD
SACRAMENTO, CALIFORNIA



REFERENCE:
1906 CERTIFIED SANBORN MAP

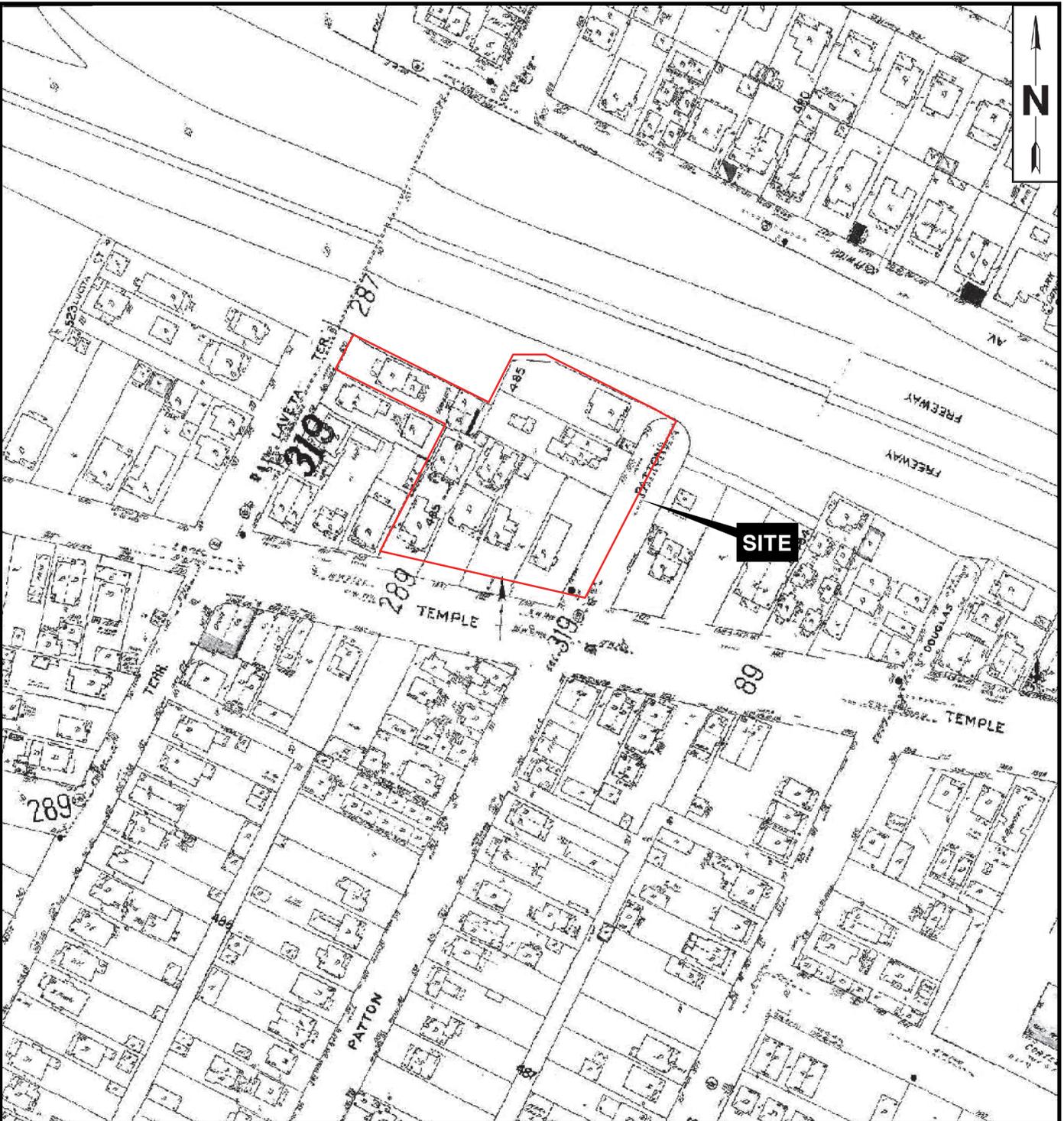


FIGURE C-4

1950 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD

SACRAMENTO, CALIFORNIA

REFERENCE:
1950 CERTIFIED SANBORN MAP



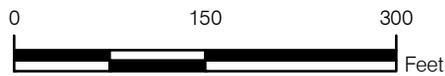
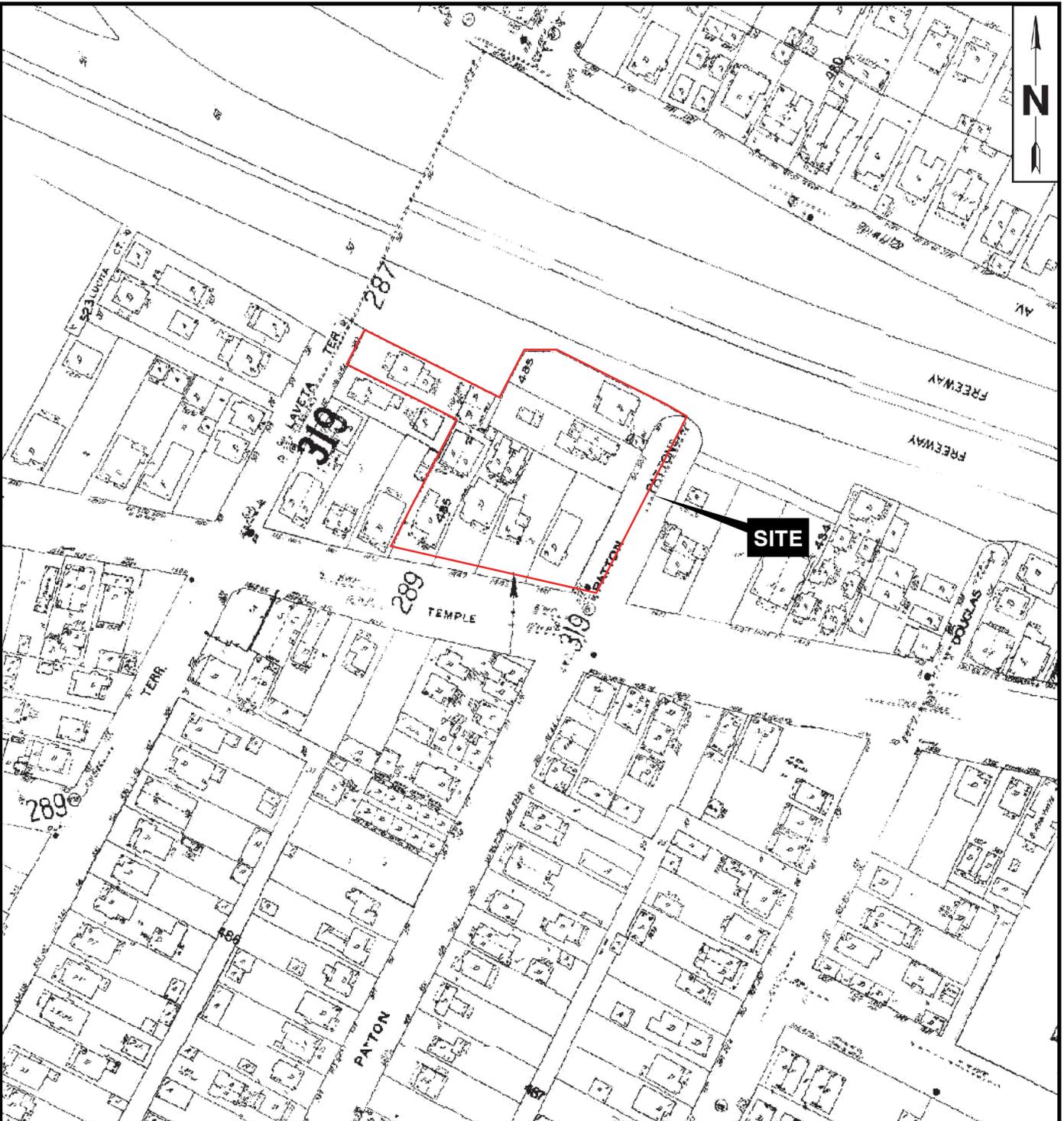


FIGURE C-5

1954 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD
SACRAMENTO, CALIFORNIA



REFERENCE:
1954 CERTIFIED SANBORN MAP

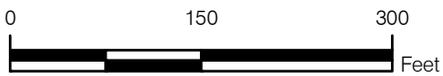
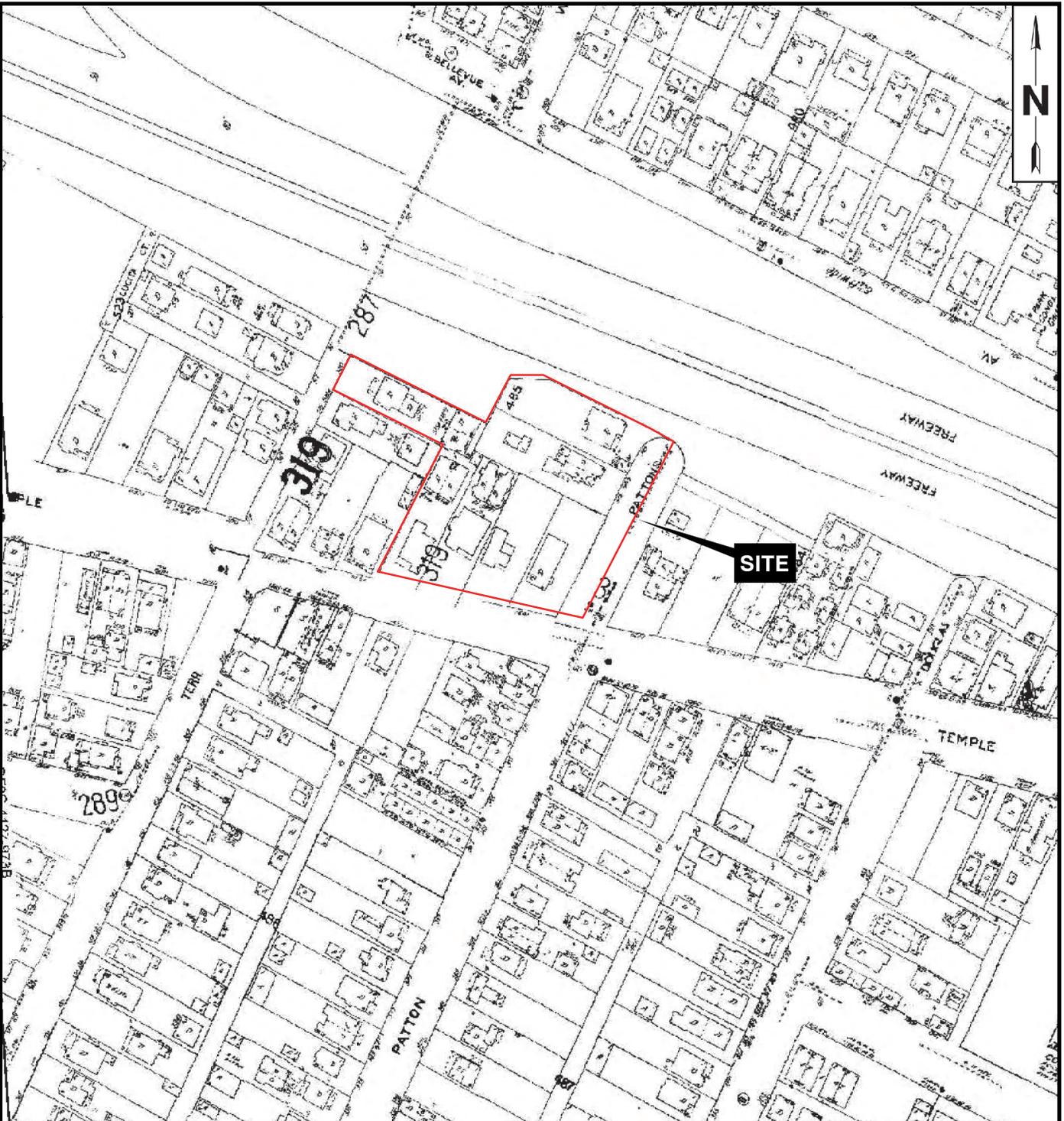


FIGURE C-6

1957 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD
SACRAMENTO, CALIFORNIA



REFERENCE:
1957 CERTIFIED SANBORN MAP

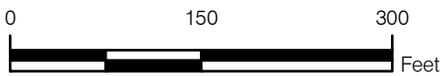
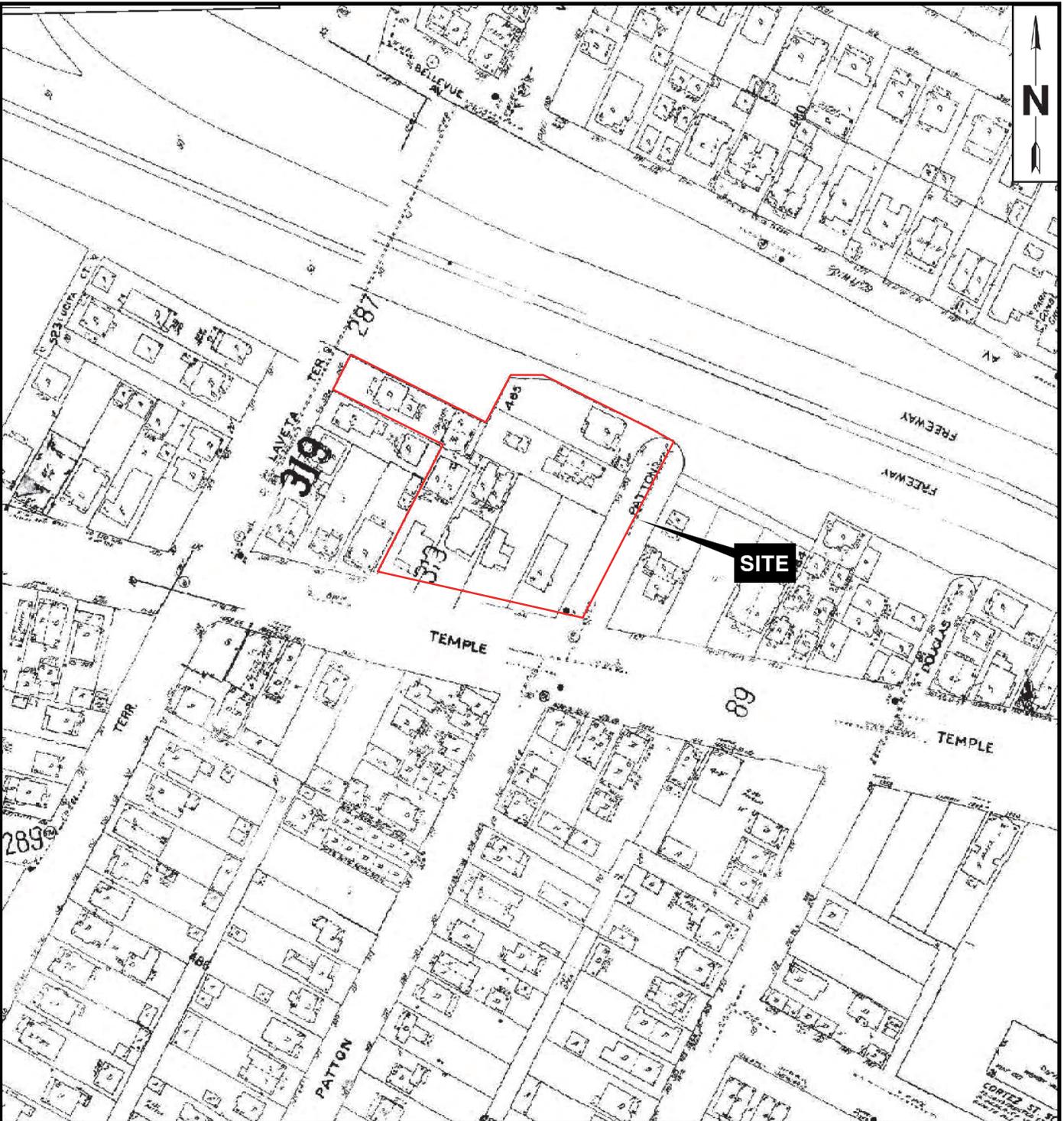


FIGURE C-7

1960 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD
SACRAMENTO, CALIFORNIA



REFERENCE:
1960 CERTIFIED SANBORN MAP

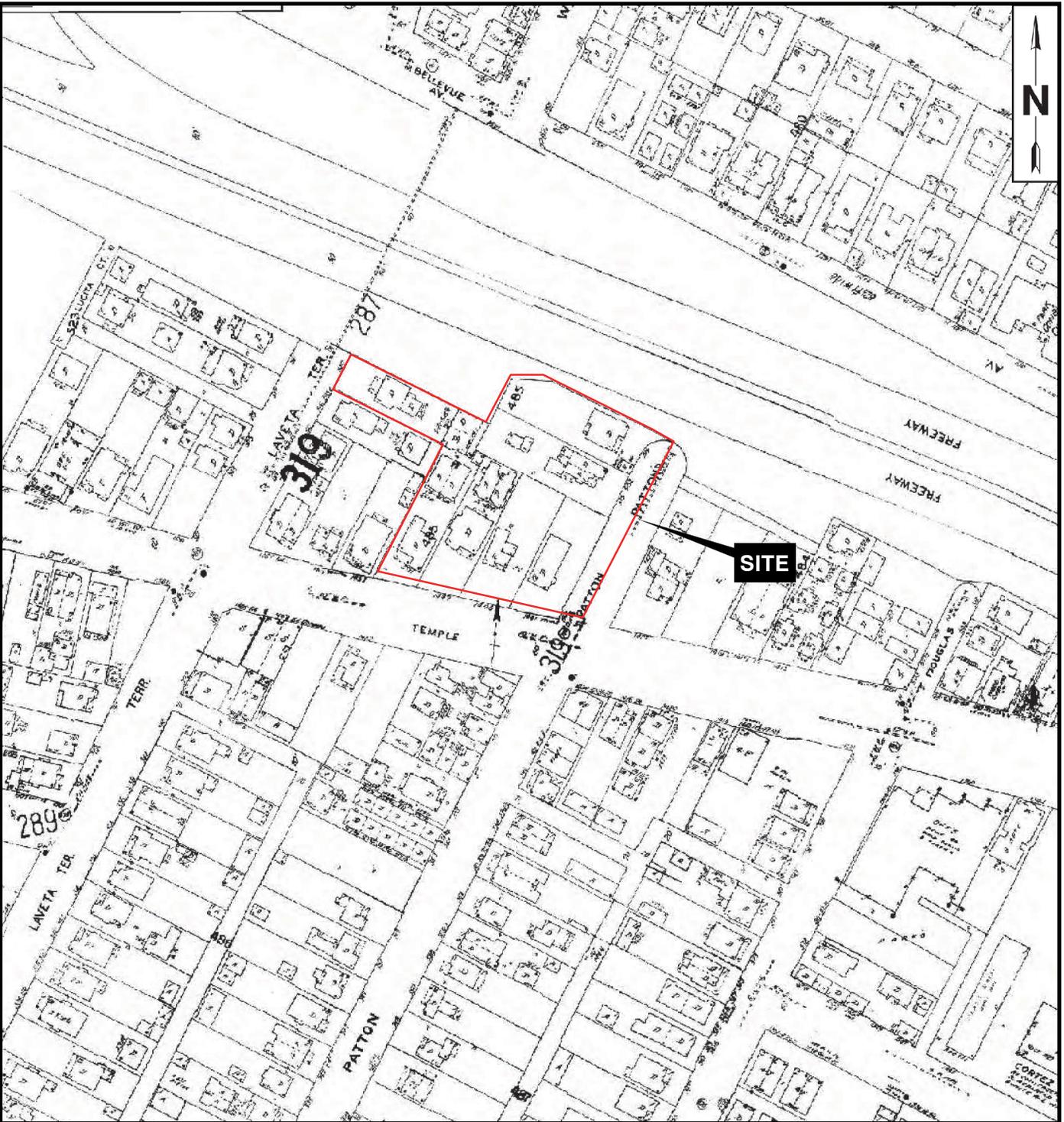


FIGURE C-8

1965 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD
SACRAMENTO, CALIFORNIA



REFERENCE:
1965 CERTIFIED SANBORN MAP

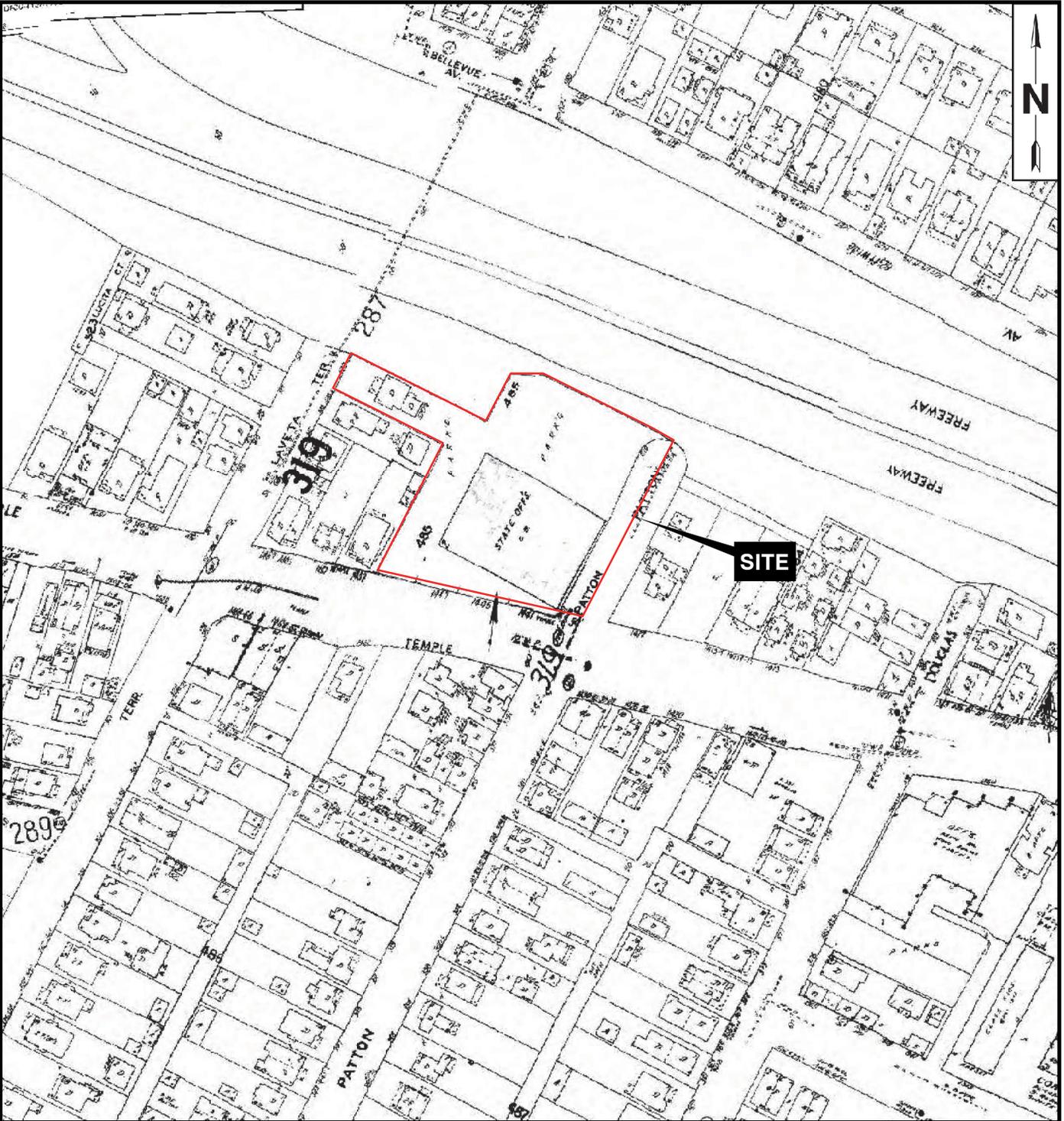


FIGURE C-9

1968 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD
SACRAMENTO, CALIFORNIA



REFERENCE:
1968 CERTIFIED SANBORN MAP

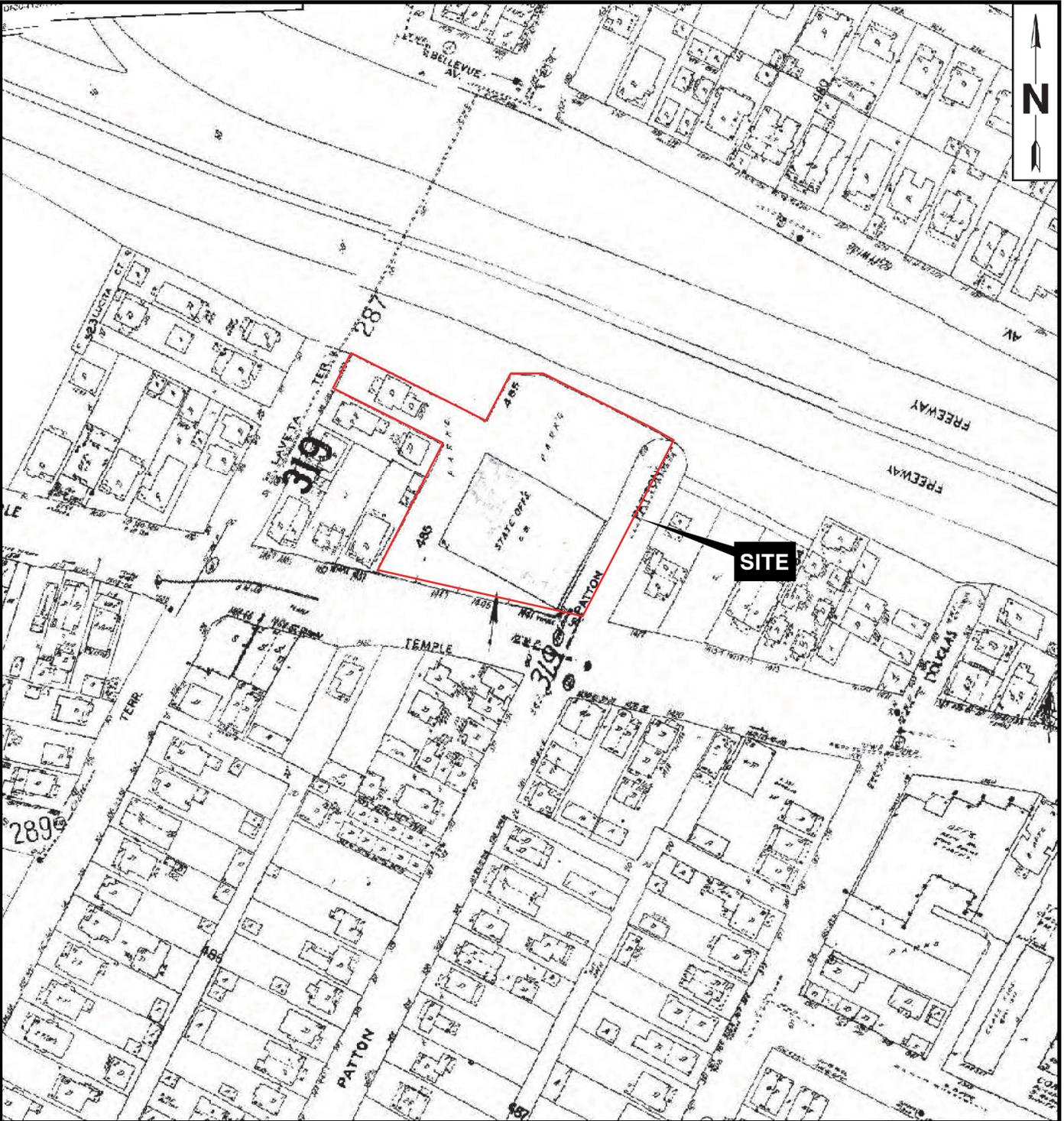


FIGURE C-10

1970 SANBORN MAP

1449 W. TEMPLE STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR

RESD
SACRAMENTO, CALIFORNIA



REFERENCE:
1970 CERTIFIED SANBORN MAP

Appendix D

EDR City Directory Abstract

Los Angeles Public Health Laboratory

1449 West Temple Street
Los Angeles, CA 90026

Inquiry Number: 4064434.5
September 15, 2014

The EDR-City Directory Abstract

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City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	X	X	X	-
2006	Haines Company, Inc.	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	-	-	-
1976	Pacific Telephone	X	X	X	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1965	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	X	X	X	-
1961	Luskey Brothers & Co	-	-	-	-
1960	General Telephone Company Publishers	-	-	-	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	-	-	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
	Pacific Telephone & Telegraph Co.	X	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Western Directory Co.	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Glendale Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	Glendale Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1449 West Temple Street
Los Angeles, CA 90026

FINDINGS DETAIL

Target Property research detail.

TEMPLE W

1449 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CA ST HLTH DRNK WTR	Haines & Company
	CA ST HLTH FACILITY MNG	Haines & Company
	CA ST HLTH FOOD & DRG	Haines & Company
	CA ST HLTH RADIOLOGICAL	Haines & Company
	CA ST HLTH SANITATION	Haines & Company

TEMPLE ST

1449 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Antenoracruz Arthur r	Pacific Telephone & Telegraph Co.

W TEMPLE

1449 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Cannery Inspections	Pacific Telephone
	Credit Unions Dept Of Corporations	Pacific Telephone
	Crippled Children Services	Pacific Telephone
	Food & Drug Inspections	Pacific Telephone
	Food Drugs Cosmetics Quality Ingredients	Pacific Telephone
	Dept Of Public Health Bureau Of Food & Drug	
	Laboratory Services	Pacific Telephone
	Radiological Health	Pacific Telephone
	Sanitary Engineering	Pacific Telephone
	Vector Control & Solid Waste Management	Pacific Telephone
1962	Santos Sarah Mrs	Pacific Telephone

FINDINGS

W TEMPLE ST

1449 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	STATE OF CALIFORNIA	Cole Information Services
2008	CA DEPT TOXIC SUBSTANCES CONTROL	Cole Information Services
	DRINKING WATER FIED OPERATIONS	Cole Information Services
2006	CA ST HLTH	Haines Company, Inc.
	CAST HLTH	Haines Company, Inc.
	CASTHLTHDRNK	Haines Company, Inc.
	CASTHLTHFOOD&	Haines Company, Inc.
	FACILITY MNG	Haines Company, Inc.
	SANITATION	Haines Company, Inc.
1976	CALIFORNIA STATE OF HEALTH DEPT Emergency Medical Services Section	Pacific Telephone
	CALIFORNIA STATE OF HEALTH DEPT Food & Drug Section	Pacific Telephone
	CALIFORNIA STATE OF HEALTH DEPT Laboratory Field Services	Pacific Telephone
	CALIFORNIA STATE OF HEALTH DEPT Occupational Health Section	Pacific Telephone
	CALIFORNIA STATE OF HEALTH DEPT Radiological Health Section	Pacific Telephone
	CALIFORNIA STATE OF HEALTH DEPT Sanitarian Services Section	Pacific Telephone
	CALIFORNIA STATE OF HEALTH DEPT Vector Control Section	Pacific Telephone
	CALIFORNIA STATE OF HEALTH DEPT Water Sanitation Section	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

LAVETA

536 LAVETA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Licon Francisco jan	Los Angeles Directory Co.

LAVETA RD

539 LAVETA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Thurston Don L woodwkr r	Los Angeles Directory Co.

LAVETA TER

500 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Amigo Jos H	Pacific Telephone

503 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SANCHEZ Maria	Haines Company, Inc.
2000	SANCHEZ Maria	Haines & Company
1986	RODRIQUEZ MARIA	Pacific Bell
1976	Hernandez Julia	Pacific Telephone
1971	Fernandez Lazaro	Pacific Telephone
1958	Creasey Lindell W	Pacific Telephone
1951	Laveta Ter Creasey Lindell W r	Pacific Telephone & Telegraph Co.
1933	NEWTON Dewey studiowkr	Los Angeles Directory Co.
	NEWTON Nora wid P H	Los Angeles Directory Co.
1929	HORTON Rachel Mrs slsldy	Los Angeles Directory Co.

505 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1981	RODRIGUEZ JOSE Z	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Mehaffie Beatrice M	Pacific Telephone
1942	Zuppardo Chas S lab	Los Angeles Directory Co.
	Messora Albt L engvr Dodge	Los Angeles Directory Co.
1937	Stoodley Jas Florence	Los Angeles Directory Co.
1933	KAHN David Dora bkbndr	Los Angeles Directory Co.
1929	WILLIAMSON Jos mech r	Los Angeles Directory Co.
	NEWTON Paul H Nora hotel clk	Los Angeles Directory Co.
	NEWTON Dewey H electn	Los Angeles Directory Co.
	HORTON Oscar R Rachel plmbr	Los Angeles Directory Co.

508 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Martino Lewis S Margt C firemn LAFD	Los Angeles Directory Co.

512 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o VUNgoc Hung	Haines Company, Inc.
2000	OUACH Kelly	Haines & Company
1990	QUACH SAM	Pacific Bell
1986	LE VAN SINH	Pacific Bell
1981	ADARGAZ JOE G	Pacific Telephone
1976	Adargaz Joe G	Pacific Telephone
1971	Adargaz Joe G	Pacific Telephone
1967	Adargaz Joe G	Pacific Telephone
1962	Calderon Lorenzo	Pacific Telephone
1942	Cox Chas M Georgia P emp Dist Atty	Los Angeles Directory Co.
1937	CASTANEDA Virginia	Los Angeles Directory Co.
	CASTANEDA Salvador	Los Angeles Directory Co.
	CASTANEDA Maria	Los Angeles Directory Co.
	CASTANEDA Josephine wid Antonio	Los Angeles Directory Co.
	CASTANEDA Eliz	Los Angeles Directory Co.
	Castaneda Antonio v pres Huntington Tire Co	Los Angeles Directory Co.
1933	Olds Geo W J dep sheriff	Los Angeles Directory Co.
1929	Zehner Palmer Pearl firemn LAFD h	Los Angeles Directory Co.
	HICKMAN Lowell clk	Los Angeles Directory Co.
	DEAN Geo R electn	Los Angeles Directory Co.
	Bassell Pauline bkpr	Los Angeles Directory Co.

FINDINGS

514 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RIOS L	Haines Company, Inc.
2000	FREIRE Fanny	Haines & Company
1967	Sotura Rebeca	Pacific Telephone
1958	Alonzo Michael	Pacific Telephone

515 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	ECHO PARK CHILD CARE CENTER	Cole Information Services
1976	LIBRARY DEPT Echo Park Br	Pacific Telephone
1967	Sperling John G Jr CPA	Pacific Telephone
	Think Inc	Pacific Telephone
	Sheridan D L Lee Sheridan & Co CPAs	Pacific Telephone
	Lee Sheridan & Co CPAs	Pacific Telephone
	Lee Paul N Lee Sheridan & Co CPAs	Pacific Telephone
	Brown Ernest M CPA	Pacific Telephone
1958	Salas Emillo	Pacific Telephone
1933	MORRISON Max Lillian P	Los Angeles Directory Co.
1929	EWING Lloyd lab	Los Angeles Directory Co.
	EWING Mabel J phone apr	Los Angeles Directory Co.

516 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LEDEZMA Fanny	Haines Company, Inc.
	LEDEZMA Armelia	Haines Company, Inc.
	NICASSIO Biblano	Haines Company, Inc.
2000	LEDEZMA Jesse	Haines & Company
	NICASSIO Bibrano 213 491 B 5 B	Haines & Company
	a 1/2 LEDEZMA Amelia	Haines & Company
1962	Pedroza Enrique	Pacific Telephone
	Pedroza Arturo	Pacific Telephone
1958	Avila Jas	Pacific Telephone
	Perez Leonel	Pacific Telephone
1951	Laveta Ter Avila Jas r	Pacific Telephone & Telegraph Co.
1937	Gross Anna wid John	Los Angeles Directory Co.
1933	Groos Anna wid John	Los Angeles Directory Co.
	DANIELS Hugh carp	Los Angeles Directory Co.
	CARTER Edw S carp	Los Angeles Directory Co.
1929	Mavis Eliz wid Adolph	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	GROSS Anna Mrs wid John dom	Los Angeles Directory Co.

516 1/2 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LEDEZMA JESSE & AMELIA	Pacific Bell
1986	AGUILAR MANUEL	Pacific Bell

517 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Garcia Amelia	Pacific Telephone
	Garcia Teresa	Pacific Telephone
1962	Orlansky Anna	Pacific Telephone
1958	Orlansky Anna	Pacific Telephone
1951	Laveta Ter Orlansky Edna Mrs r	Pacific Telephone & Telegraph Co.
1942	Orlansky Abr fctywkr	Los Angeles Directory Co.
	Orlansky Max detective agcy	Los Angeles Directory Co.
	Orlansky Philip Anna	Los Angeles Directory Co.
	Orlansky Saml pntr	Los Angeles Directory Co.
1937	OBRIEN Bernard Edna	Los Angeles Directory Co.
	Orlansky Philip Anna	Los Angeles Directory Co.
1933	Orland Allen clk	Los Angeles Directory Co.
	Orlansky Alek	Los Angeles Directory Co.
	Orlansky Bernard clk	Los Angeles Directory Co.
	Orlansky Edna clk	Los Angeles Directory Co.
	Orlansky Max	Los Angeles Directory Co.
	Orlansky Philip Anna	Los Angeles Directory Co.
1929	COTA Hilda	Los Angeles Directory Co.
	Montoya Merced Mrs	Los Angeles Directory Co.
	Montoya Reginald Tolia & Montoya	Los Angeles Directory Co.
	Tolia Peter Tolia & Montoya r	Los Angeles Directory Co.

518 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Laveta Ter Plaa Henry Mrs r	Pacific Telephone & Telegraph Co.
1942	Ackland Jas auto repr	Los Angeles Directory Co.
1937	ROBINSON Ethel M	Los Angeles Directory Co.
	Ackland Jas Tillie gas sta	Los Angeles Directory Co.
1933	DREYER Kath M	Los Angeles Directory Co.
	Coultas Leonard P elev opr	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Coultas Paul F Carrie M cbtmkr	Los Angeles Directory Co.
	Coultas Russell R mech	Los Angeles Directory Co.
	DREYER Edna J	Los Angeles Directory Co.
1929	Brookside Agnes Mrs	Los Angeles Directory Co.
	ROBERTS Edna Mrs sten h	Los Angeles Directory Co.

519 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Herrera Minerva	Pacific Telephone
1951	Laveta Ter Callaway A W	Pacific Telephone & Telegraph Co.
1942	WHITE Geo fctywkr	Los Angeles Directory Co.
	De Monte Thos fctywkr	Los Angeles Directory Co.
1937	Hastings Chas Esther	Los Angeles Directory Co.

520 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Cuenca Alicia	Pacific Telephone
1958	Plaa Henry Mrs	Pacific Telephone
1937	Milliot Alexis G waiter	Los Angeles Directory Co.
	Plaa Henry Marie baker	Los Angeles Directory Co.
1933	Claberg Scott E Edith W carp	Los Angeles Directory Co.
	Claberg Walter S emp Dept Water & Power	Los Angeles Directory Co.
	FOLK Juanita sten	Los Angeles Directory Co.
1929	Claberg Scott E Edith carp	Los Angeles Directory Co.

521 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Salas Emillo	Pacific Telephone
1958	Ybarra Andres	Pacific Telephone
1951	Laveta Ter Andrews Paul r	Pacific Telephone & Telegraph Co.
1942	ANDREWS Paul Rosalyn carp	Los Angeles Directory Co.
1937	De Larios Marie Mrs	Los Angeles Directory Co.
1933	Palmateer Lyman C Mary T	Los Angeles Directory Co.
1929	Palmateer Lyman C Mary carp	Los Angeles Directory Co.
	BOLTON Bert E carp	Los Angeles Directory Co.
	BOLTON Burton E Lizzie M mech	Los Angeles Directory Co.

FINDINGS

522 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	ROSEN Jack Sarah sta atdt	Los Angeles Directory Co.
	ALEXANDER Arch A Septine E mach	Los Angeles Directory Co.
1933	Willocotte Jess T Henrietta auto mech	Los Angeles Directory Co.
	Warlaumont Walter L inspr Dept of Bldg & Safety	Los Angeles Directory Co.
	Willocotte Leroy G solr	Los Angeles Directory Co.
1929	ROYCE Jas E Ida buyer h	Los Angeles Directory Co.
	Westbrook Dewitt Delborah r	Los Angeles Directory Co.

523 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Beckman Arth Nettie mach	Los Angeles Directory Co.
1929	CARTER Lyman A Susie M carp	Los Angeles Directory Co.
	BYRNE Wm lab	Los Angeles Directory Co.

527 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Cardenas Aurora sten Mona E Bettin	Los Angeles Directory Co.
	Kwan Benj Rose	Los Angeles Directory Co.
	GALINDO Horace Aurora bkpr	Los Angeles Directory Co.
1937	Freed Arth Sarah	Los Angeles Directory Co.
	Margolin Albt Jeannette carp	Los Angeles Directory Co.
1929	Schweber Sally drsmkr r	Los Angeles Directory Co.
	LESLIE Wm Matilda barber	Los Angeles Directory Co.

528 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Yancey Irona M wid C S	Los Angeles Directory Co.
	Yancey Lawrence L plmbr	Los Angeles Directory Co.
1937	Yancey Irona	Los Angeles Directory Co.
1933	Yanccy Chas S Irona M	Los Angeles Directory Co.
1929	Yancey Chas S Irona ptrnmkr h	Los Angeles Directory Co.

529 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Ray Edgar L Evelyn T roofer	Los Angeles Directory Co.
	Mc KAY Roland A Nadine aircrftwkr	Los Angeles Directory Co.
	CORONA Ramon O crmrywkr	Los Angeles Directory Co.
	Tostado Juarez Ysuara modelmkr	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Rubin Jos Ruth	Los Angeles Directory Co.
	Dolland Bessie Mrs	Los Angeles Directory Co.
1933	ROSENTHAL Wm	Los Angeles Directory Co.
	ROSENTHAL Louie	Los Angeles Directory Co.
	ROSENTHAL Lena wid Abr	Los Angeles Directory Co.
	ROSENTHAL David slsmn	Los Angeles Directory Co.
	Orshoph Saml junk	Los Angeles Directory Co.
1929	ROSE Louis Floronce slsmn h	Los Angeles Directory Co.
	Max Wm M Ray barber	Los Angeles Directory Co.

532 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	MILLER Wm A T Dorothy M	Los Angeles Directory Co.
1937	MILLER Wm A T Dorothy	Los Angeles Directory Co.
1933	MILLER David P clk	Los Angeles Directory Co.
	MILLER Wm A T Ella	Los Angeles Directory Co.
1929	MILLER Chas C carrier P O	Los Angeles Directory Co.

533 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	ZIMMERMAN Harry Jennie fruit pdlr	Los Angeles Directory Co.
1933	JOHNSTON Burton P Elenor police SP Co	Los Angeles Directory Co.
	JOHNSTON Jos msngr	Los Angeles Directory Co.
1929	JOHNSTON Burton P Eleanor investigator SP Co	Los Angeles Directory Co.

536 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Martine Albt Florence D driver	Los Angeles Directory Co.
	Bearden Frances R clk	Los Angeles Directory Co.
1937	Rosen Jacob Sadie	Los Angeles Directory Co.
	Rosen Gertrude	Los Angeles Directory Co.
	Bella Sarah	Los Angeles Directory Co.
	Bella Morris	Los Angeles Directory Co.
1933	Espinoza Manuel Carmen lab	Los Angeles Directory Co.
	Ballar Sarah Mrs	Los Angeles Directory Co.
	Ballar David J slsmn	Los Angeles Directory Co.
1929	Licon Maria Mrs	Los Angeles Directory Co.
	Beller Sarah mens furngs	Los Angeles Directory Co.
	Licon Louis printer	Los Angeles Directory Co.

FINDINGS

538 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	KING Chas C Leodie slsmn	Los Angeles Directory Co.
	KING Mary J wid C L	Los Angeles Directory Co.
	Vogel Geo H Emma S meat ctr	Los Angeles Directory Co.
	KING Harry M clk	Los Angeles Directory Co.

539 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	ARNOLD Zeta Mrs	Los Angeles Directory Co.
1937	Hortop Fred	Los Angeles Directory Co.
	Hortop Phillip F Freda sec Chas Lantz Estate	Los Angeles Directory Co.
1933	Kalb Bonnie Sarah baker	Los Angeles Directory Co.
1929	THURSTON Tullock L mech r	Los Angeles Directory Co.
	Thurston Danl T cabtmkr r	Los Angeles Directory Co.
	THURSTON Lilliard L mech r	Los Angeles Directory Co.
	IRWIN Lucile clk L B Sizemore	Los Angeles Directory Co.
	THURSTON Mary E Mrs h	Los Angeles Directory Co.

541 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Plsa Mary L wid Henry	Los Angeles Directory Co.
	Aguerrebere Anton waiter	Los Angeles Directory Co.
1937	Hatland Louis Ragna	Los Angeles Directory Co.
1933	TAILOR Gilbert Lillie clo clnr	Los Angeles Directory Co.
	TAYLOR Gilbert G Lily tailor	Los Angeles Directory Co.
	TAYLOR Herman page Pub Library	Los Angeles Directory Co.
	TAYLOR Sol clk Pub Library	Los Angeles Directory Co.
1929	IRWIN Dona waiter	Los Angeles Directory Co.
	IRWIN Victor Eula carp	Los Angeles Directory Co.

542 LAVETA TER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Caplan Saml Ella P tailor	Los Angeles Directory Co.
	Caplan Sarah mach opr	Los Angeles Directory Co.

FINDINGS

PATTON

524 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Benton Louise Mrs slswm	Los Angeles Directory Co.
	ROBBINS Addie Mrs	Los Angeles Directory Co.
	ROBBINS Etta mach opr	Los Angeles Directory Co.
1937	ROBBINS Anna B	Los Angeles Directory Co.
	ROBBINS Etta A	Los Angeles Directory Co.
1933	ROBBINS Annie wid H J	Los Angeles Directory Co.
	ROBBINS Etta bkpr	Los Angeles Directory Co.
1929	ROBBINS Annie B Mrs h	Los Angeles Directory Co.
	ROBBINS Henrietta r	Los Angeles Directory Co.
	ROBBINS Jos E trans mar Lasky Studio r	Los Angeles Directory Co.
1924	ROBBINS John R r	Los Angeles Directory Co.

525 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Thurston Betty clk	Los Angeles Directory Co.
	Thurston Mary E Mrs	Los Angeles Directory Co.
	Sherry Mae T Mrs	Los Angeles Directory Co.
1937	Thurston Mary E	Los Angeles Directory Co.
	Sherreys Mae T	Los Angeles Directory Co.
1933	Dalton Edgar J Mamie actor	Los Angeles Directory Co.
	SIMPKINS Albt L dept mgr D S Bread Co	Los Angeles Directory Co.
1929	SIMPKINS Albt L Sadie dept mgr D S Bread Co h	Los Angeles Directory Co.

527 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	LARSEN Thos Adeline L C jan Genl Hosp	Los Angeles Directory Co.
1937	KATZMAN Saml H Ida	Los Angeles Directory Co.
1929	Freeman Anna clk	Los Angeles Directory Co.
	FREEMAN Gertrude wid Jacob	Los Angeles Directory Co.
1924	Freeman Anna slsldy r	Los Angeles Directory Co.

529 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Amick Mildred jan	Los Angeles Directory Co.
	Coppage Claudia Mrs	Los Angeles Directory Co.
	LIVINGSTON Geo	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Copp Claudie	Los Angeles Directory Co.
	Shropshire Keller chiropractor	Los Angeles Directory Co.
1933	HARROD Jas L Constance baker	Los Angeles Directory Co.
	HARROD Sarah M clk	Los Angeles Directory Co.
1929	HOLMES Jane A wid W F	Los Angeles Directory Co.
	HOLMES Paul slsmn Peck & Hills Furn Co	Los Angeles Directory Co.
1924	Carman Harriett W phys	Los Angeles Directory Co.
	Carman Mary S r	Los Angeles Directory Co.

530 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	ARNETT Panline Mrs cook	Los Angeles Directory Co.
1937	Dea Metz Edw R dep marshal Municipal Court	Los Angeles Directory Co.
	POST Dollie	Los Angeles Directory Co.
	POST Wm M	Los Angeles Directory Co.
1933	CLEMENT Anita slswn	Los Angeles Directory Co.
	CLEMENT Clayton B carrier PO	Los Angeles Directory Co.
	CLEMENT David W	Los Angeles Directory Co.
	Wolpers Jesse E lab	Los Angeles Directory Co.
1929	Clement Clayton clk	Los Angeles Directory Co.
	Clement David W Lyda	Los Angeles Directory Co.
	CLEMENT Jas D slsmn	Los Angeles Directory Co.
	Wolpers Jesse E Ruth formn Challenge Cream & Butter Assn r	Los Angeles Directory Co.
1924	MORE Chas C cond	Los Angeles Directory Co.
	MORE Nellie r	Los Angeles Directory Co.
	Ramirez Hazel M clk h	Los Angeles Directory Co.
	Ramirez Helen Mrs milliner r	Los Angeles Directory Co.

531 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	LEONARD Alf M Ann G slsmn	Los Angeles Directory Co.

532 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	LAWSON Helen A Mrs supt L A Union Terminal Co	Los Angeles Directory Co.
1937	Lawson Helen A Mrs	Los Angeles Directory Co.
1933	LAWSON Helen A wid L S	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Von Goerlitz Martha J r	Los Angeles Directory Co.
	Von Goerlitz Herbt slsmn h	Los Angeles Directory Co.

533 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	JOHNSON Aug G Minnie mach	Los Angeles Directory Co.

535 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Lozoya Mario Elisa clk	Los Angeles Directory Co.
1937	WOLF Carl baker	Los Angeles Directory Co.
1933	WOLF Carl baker	Los Angeles Directory Co.
1929	SHERRY Wm A Mae h	Los Angeles Directory Co.

536 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Burckhartt Henry T	Los Angeles Directory Co.
	Burckhartt M Selmon	Los Angeles Directory Co.
	Burckhartt Betty C	Los Angeles Directory Co.
1933	HATFIELD Thos H Alice	Los Angeles Directory Co.
1929	Hatfield Martha E wid Aaron	Los Angeles Directory Co.
	Hatfield Theo L	Los Angeles Directory Co.

538 PATTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	MITCHELL Kate J Mrs	Los Angeles Directory Co.
	MITCHELL Harold W	Los Angeles Directory Co.
1937	MITCHELL Kate J clk County Assessor	Los Angeles Directory Co.
	MITCHELL Harold	Los Angeles Directory Co.
1933	MITCHELL Kate J clk Co Assesor	Los Angeles Directory Co.
	HARRIS Leon S Martha studiowkr	Los Angeles Directory Co.
	HARRIS Carl B studiowkr	Los Angeles Directory Co.
1929	MITCHELL Kate J clk Co Assessor	Los Angeles Directory Co.
	MITCHELL Anna Mrs	Los Angeles Directory Co.

PATTON ST

362 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OROZCO Manuel	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LOUIE Chris	Haines & Company
1976	Ma Gee Tessie Mrs	Pacific Telephone
1958	Gutierrez Manuel O	Pacific Telephone
1951	Pattn Glasser Leon r	Pacific Telephone & Telegraph Co.

363 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DELATORREAna Madra	Haines Company, Inc. Haines Company, Inc.
2000	GARCIA Oscar Coelio LARA Luis Enrique	Haines & Company Haines & Company

365 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CAUDILLO Paul	Haines & Company

367 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GOLDMANRoy	Haines Company, Inc.
2000	GOLDMAN Roy MARTINEZ E M	Haines & Company Haines & Company
1958	Bischko Rose	Pacific Telephone

369 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PERECSenida	Haines Company, Inc.
2000	HADDON Grier	Haines & Company
1976	Heigrodl Heins	Pacific Telephone
1958	Lewis E L Mrs	Pacific Telephone
1951	Pattn Lewis E L Mrs r	Pacific Telephone & Telegraph Co.

370 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RIVERA Madria	Haines Company, Inc.
2000	LOUIE Christopher	Haines & Company
1976	Corpus Agrlpina Louie H	Pacific Telephone Pacific Telephone
1958	Louie H	Pacific Telephone
1951	Pattn Louie H r	Pacific Telephone & Telegraph Co.

FINDINGS

371 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Hundley Oliver E	Pacific Telephone
1958	Hughes Velma	Pacific Telephone

372 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	AVILASofia	Haines Company, Inc.
1951	Pattn Herrera Cayetano S r	Pacific Telephone & Telegraph Co.
	N Pattn Foo Jew r	Pacific Telephone & Telegraph Co.

373 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1976	Apil Jolian	Pacific Telephone
1958	Apil Julian	Pacific Telephone
1951	Pattn Apil Julian r	Pacific Telephone & Telegraph Co.

374 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CORTEZ Frandsco	Haines Company, Inc.
2000	CORTEZ Francisco MERLOS Santos Isabel	Haines & Company
1958	Gerou Leo	Pacific Telephone
	Adams Edw	Pacific Telephone

380 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company

382 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Harrell I Shorty	Pacific Telephone
1951	Pattn Harrell I Shorty r	Pacific Telephone & Telegraph Co.

384 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	Pattn Andrews H M r	Pacific Telephone & Telegraph Co.

FINDINGS

386 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o LUZOrellana	Haines Company, Inc.
2000	LUZ Orellana	Haines & Company
1976	Delgado Alicia	Pacific Telephone
1958	Angeles Carbina	Pacific Telephone

388 PATTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1976	Carrillo Augustin	Pacific Telephone
1958	Villasenor Katherine	Pacific Telephone
1951	Pattn Barnes Susie r	Pacific Telephone & Telegraph Co.

TEMPLE W

1410 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LA CTY LBRY BRANCH	Haines & Company

1413 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1414 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXIX	Haines & Company

1424 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WAN Charles	Haines & Company

1426 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1428 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WAN Charles	Haines & Company
	AGUILLAR Ana	Haines & Company

FINDINGS

1430 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1432 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SALTER Cher	Haines & Company

1434 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1442 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1444 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1450 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	APARTMENTS AVENDANO Ana Gloria	Haines & Company
	BARRIOS Cruz A	Haines & Company
	BRIZUELA Ana	Haines & Company
	CASA GLORIA LTD	Haines & Company
	CHI Tok Sang	Haines & Company
	CULQUI Abelardo	Haines & Company
	MESA Carlos	Haines & Company
	NATL ASSN FOR HISPANIC ELDERLY	Haines & Company
	VALADEZ Elizabeth	Haines & Company
	VISAYABRAVO David	Haines & Company

1452 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1456 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	YOUNG Ngut	Haines & Company

FINDINGS

1457 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SANCHEZ Edward	Haines & Company

1458 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WONG Ngut	Haines & Company

1460 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VIDEO Z	Haines & Company

1461 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CU A	Haines & Company

1462 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	KANTO Carlos	Haines & Company
	BARRERA Ofelio	Haines & Company
	WONG Ngut	Haines & Company
	TAPIA Simon	Haines & Company

1464 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1465 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	UNG Sat	Haines & Company

1468 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LAVETA MKT	Haines & Company

1505 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	a 1/2 RAMIREZ Maria Esperanza	Haines & Company

1506 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MARINUCCI George	Haines & Company

FINDINGS

1507 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1508 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

1509 TEMPLE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CALUNGCAGIN L JR	Haines & Company
	CANLAS Flordeliza	Haines & Company

TEMPLE ST

1410 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Pang Tylene K L	Pacific Telephone & Telegraph Co.
	Templ Gacula Tony M r	Pacific Telephone & Telegraph Co.

1412 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Tugade Max r	Pacific Telephone & Telegraph Co.

1413 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Zamudio Boni	Pacific Telephone & Telegraph Co.

1414 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Alvarado John r	Pacific Telephone & Telegraph Co.

1416 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Gurule Bessie r	Pacific Telephone & Telegraph Co.

1417 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Hyun Chirl r	Pacific Telephone & Telegraph Co.

FINDINGS

1419 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Bloemer John E r	Pacific Telephone & Telegraph Co.

1426 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Fidler Rose Mrs r	Pacific Telephone & Telegraph Co.

1427 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Sos Transfr & Storage Co	Pacific Telephone & Telegraph Co.
	Templ Schauer S O S O S Transfr & Storage Co	Pacific Telephone & Telegraph Co.
	Templ S O S Transfer & Storage Co	Pacific Telephone & Telegraph Co.

1428 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Campbell Maude Mrs r	Pacific Telephone & Telegraph Co.

1430 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Marin Alfredo F r	Pacific Telephone & Telegraph Co.

1432 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Rhodarmer J O Mrs r	Pacific Telephone & Telegraph Co.

1434 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Arias Dolores Mrs r	Pacific Telephone & Telegraph Co.

1440 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Savella Larry r	Pacific Telephone & Telegraph Co.
	Templ Braceros Augustus I r	Pacific Telephone & Telegraph Co.

1441 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Mears Julia	Pacific Telephone & Telegraph Co.

1442 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Williams Eunice I	Pacific Telephone & Telegraph Co.

FINDINGS

1444 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Perryman Vivian r	Pacific Telephone & Telegraph Co.

1446 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Nordquist C J r	Pacific Telephone & Telegraph Co.

1447 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Magante Domingo r	Pacific Telephone & Telegraph Co.
	Templ Heber Wm r	Pacific Telephone & Telegraph Co.

1453 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Albino Pat r	Pacific Telephone & Telegraph Co.
	Templ Gossett Robt S r	Pacific Telephone & Telegraph Co.

1455 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Morales Ignacio r	Pacific Telephone & Telegraph Co.

1456 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Noda Hand Laundry	Pacific Telephone & Telegraph Co.

1457 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Manriquez Henry r	Pacific Telephone & Telegraph Co.

1461 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Ortiz Rita r	Pacific Telephone & Telegraph Co.
	Templ Durkee Peggie r	Pacific Telephone & Telegraph Co.

1462 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Corella Alfred r	Pacific Telephone & Telegraph Co.
	Templ	Pacific Telephone & Telegraph Co.

FINDINGS

1464 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ De Maria Romolo Barber Shop	Pacific Telephone & Telegraph Co.

1465 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Finnell Walter r	Pacific Telephone & Telegraph Co.

1466 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Rancho Mkt	Pacific Telephone & Telegraph Co.

1468 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ La Veta Pharmacy	Pacific Telephone & Telegraph Co.

1505 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Venegas Miguel r	Pacific Telephone & Telegraph Co.
	Templ Montano Larry r	Pacific Telephone & Telegraph Co.

1506 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Skippy Plumbng Co	Pacific Telephone & Telegraph Co.
	Templ Marinucci Geo	Pacific Telephone & Telegraph Co.
	Templ Marinucci Geo Skippy Plumbng Co	Pacific Telephone & Telegraph Co.

1507 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Vega Frieda r	Pacific Telephone & Telegraph Co.
	Templ Quianzon B r	Pacific Telephone & Telegraph Co.

1508 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Echo Park Tennis Shop	Pacific Telephone & Telegraph Co.

1509 TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Templ Spellman Chas I r	Pacific Telephone & Telegraph Co.

FINDINGS

W TEMPLE

1410 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Forca Rommy F	Pacific Telephone
	Vargas Rosa	Pacific Telephone
1967	Forca Rommy F	Pacific Telephone
1962	Calandria Andy D	Pacific Telephone

1410 1/2 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CAM HIEN AU	Pacific Bell
1981	CAM HIEN AU	Pacific Telephone

1412 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Cervera Elda E	Pacific Telephone
1967	Akiaten Tino	Pacific Telephone
	Valencia Pio	Pacific Telephone
1962	Akiaten Tino	Pacific Telephone

1412 1/2 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TRINH GIA NHU	Pacific Bell

1413 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Zamudio Angeline G	Pacific Telephone
1971	Zamudio Angeline G	Pacific Telephone
1967	Zamudio Angeline G	Pacific Telephone
1962	Zamudio Angeline G	Pacific Telephone
	Zamudio Boni	Pacific Telephone

1413 2/7 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	FERNANDEZ DELFINO	Pacific Telephone

1413 3/7 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ZAMUDIO ANGELINE G	Pacific Telephone

FINDINGS

1413 5/7 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	GONZALEZ HERMAN	Pacific Telephone

1414 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	PRASERT NGEP	Pacific Bell
1981	LUONG VENH ANH	Pacific Telephone
	LU THANH HUY	Pacific Telephone
1971	Rangel Maria	Pacific Telephone
	Rangel Salvador	Pacific Telephone
1967	Rangel Salvador	Pacific Telephone
	Rangel Maria	Pacific Telephone

1414 1/2 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TRASERT IV	Pacific Bell
1981	TRINH GIA NHU	Pacific Telephone

1417 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Lopez Octavio	Pacific Telephone
	Martinez Janie	Pacific Telephone
1962	Reyes Higinio G	Pacific Telephone

1419 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	De Santiago Alfida C	Pacific Telephone
1962	Baleriano Chaldez L	Pacific Telephone

1424 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Loria Jose D	Pacific Telephone

1426 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Viscarra Lorenzo	Pacific Telephone
1967	Viscarra Lorenzo	Pacific Telephone
1962	Viscarra Lorenzo	Pacific Telephone

FINDINGS

1428 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	VILLEGAS YOLANDA	Pacific Telephone
1967	Luera Manuel A	Pacific Telephone

1430 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Chagdes Thos	Pacific Telephone

1432 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Galvan Margaret	Pacific Telephone
1967	Galvan Margaret	Pacific Telephone

1434 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	VALENZUELA SARA M	Pacific Telephone
1971	Arias Dolores Mrs	Pacific Telephone

1440 1/2 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	ANICETE JULIO	Pacific Bell
1981	ANICETE JULIO	Pacific Telephone

1441 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Nash Elnora	Pacific Telephone

1442 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	BLANCO CRESOLO S	Pacific Bell
1981	BLANCO CRASOLO S	Pacific Telephone
1971	Pagurayan Flora E	Pacific Telephone
1967	Pagurayan Flora E	Pacific Telephone
1962	Evangelista Flora	Pacific Telephone

1442 1/2 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	IBANEZ ROBERTO	Pacific Telephone

FINDINGS

1444 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	DACLAN HARRY	Pacific Bell
1981	DACLAN HARRY	Pacific Telephone
1971	Daclan Harry A	Pacific Telephone
1967	Daclan Harry A	Pacific Telephone
1962	Abad Eugene	Pacific Telephone

1446 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	PALACIOS FRANCISCA	Pacific Bell
1981	JOSE JUAN	Pacific Telephone
1971	Zamora J J	Pacific Telephone
1967	Zamora J J	Pacific Telephone

1447 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Jose Juan	Pacific Telephone

1448 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Blanco J S	Pacific Telephone

1452 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	PALACIOS MARIANO	Pacific Bell
1981	VALDEZ ESTANISLAO G	Pacific Telephone
1971	Blanco Jorge S	Pacific Telephone
1967	Blanco Jorge S	Pacific Telephone
1962	Blanco Jorge S	Pacific Telephone

1453 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Renteria Pedro	Pacific Telephone
1924	Barzman Ellsie clk r	Los Angeles Directory Co.

1460 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DON STURDY ENTERPRISES	Pacific Bell

FINDINGS

1461 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TRINH GIA NHU	Pacific Bell
1986	UNG PHOUNG KHAY	Pacific Bell
1967	Ortiz Louis	Pacific Telephone
1962	Ortiz Rita	Pacific Telephone

1462 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ESCALANTE PEDRO	Pacific Bell
	GUTIERREZ MARIA L	Pacific Bell
1986	GUTIERREZ MARIA L	Pacific Bell
	ESCALANTE SALVADOR	Pacific Bell
1981	ESCALANTE SALVADOR	Pacific Telephone

1463 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LU THANH HUY	Pacific Bell
1981	VARGAS NOEMI	Pacific Telephone
1971	Espadas Saml C	Pacific Telephone
1967	Torres Gertrude P	Pacific Telephone
1962	Steele Luke	Pacific Telephone
	Steele Rose P	Pacific Telephone

1464 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Phillips Ardison	Pacific Telephone

1465 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CHUONG KHAN A	Pacific Bell
	UNG PHOUNG KHAY	Pacific Bell
1986	LO VAY XUAN	Pacific Bell
	QUACH SAM	Pacific Bell
1971	Garcia Jose	Pacific Telephone

1468 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LAVETA MKT	Pacific Bell
1986	LAVETA MKT	Pacific Bell
1981	LAVETA MKT	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Laveta Mkt	Pacific Telephone

1505 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	VENEGAS MIGUEL	Pacific Bell
1986	VENEGAS MIGUEL	Pacific Bell
1981	VENEGAS MIGUEL	Pacific Telephone
1971	Venegas Miguel	Pacific Telephone
1962	Street Nellie	Pacific Telephone
	Street Gordon C	Pacific Telephone

1505 1/2 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LUU DANH	Pacific Telephone

1506 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MARINUCCI GEO	Pacific Bell
1981	MARINUCCI GEO	Pacific Telephone
1971	Marinucci Geo	Pacific Telephone
1967	Yauri Sebastian	Pacific Telephone
	Marinucci Geo	Pacific Telephone

1507 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Roberson Bennett	Pacific Telephone

1509 W TEMPLE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	NIETES S L LAW OFFICES	Pacific Bell
1986	CALIF BLIND WORK SHOP DISTRIBUTORS INC	Pacific Bell
1981	CALIF BLIND WORK SHOP DISTRIBUTORS INC	Pacific Telephone
1971	California Blind Work Shop Distributors	Pacific Telephone

W TEMPLE ST

1410 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	CITY OF LOS ANGELES	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	CITY OF LOS ANGELES	Cole Information Services
	ECHO PARK BRANCH LIBRARY	Cole Information Services
2006	BRANCH	Haines Company, Inc.
	LACTYLBRY	Haines Company, Inc.
1976	Forca Rommy F	Pacific Telephone

1413 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LOPEZAbel	Haines Company, Inc.
	ORTIZJose	Haines Company, Inc.
	MARTINEZ Patricia	Haines Company, Inc.

1416 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Ma Gee Tessie Mrs	Pacific Telephone

1417 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Jiminez Ramon	Pacific Telephone

1421 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	TEMPLE VILLAS LP	Cole Information Services

1424 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JUNG Hsi	Haines Company, Inc.
1976	Gonzalez Alicia	Pacific Telephone

1426 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PACHECO Alejandra	Haines Company, Inc.
1958	Viscarra Lorenzo	Pacific Telephone

1428 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

1434 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Valenzuela Sara M	Pacific Telephone

1440 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Andres Rose	Pacific Telephone

1442 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Blanco Cresolo S	Pacific Telephone
1958	Pascua Julian	Pacific Telephone

1444 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Daclan Harry	Pacific Telephone

1448 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Blanco J S	Pacific Telephone

1450 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	CASA GLORIA	Cole Information Services
	NATIONAL ASSOCIATION FOR HISPANIC EL	Cole Information Services
2008	CASA GLORIA APARTMENTS	Cole Information Services
2006	APARTMENTS	Haines Company, Inc.
	ZAVALA Sandra	Haines Company, Inc.
	ALVARADOM	Haines Company, Inc.
	ARBAIZAZoraya	Haines Company, Inc.
	BARCENAS Bemardo	Haines Company, Inc.
	CASA GLORIA LTD	Haines Company, Inc.
	CULOUI Atelardo	Haines Company, Inc.
	HANHaw Ja	Haines Company, Inc.
	JOSEMontufar	Haines Company, Inc.
	LEEWol Song	Haines Company, Inc.
	MAYORGA Silvia	Haines Company, Inc.
	NATLASN FOR	Haines Company, Inc.
	HSPNC ELDRLYINC	Haines Company, Inc.
	ORELLANA Cecdlla J	Haines Company, Inc.
	ORTIZGustavo	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PENAYenny	Haines Company, Inc.
	RUIZGONZALEZ	Haines Company, Inc.
	Roberto	Haines Company, Inc.
	SANDOVAL Beatrice	Haines Company, Inc.
	SANTIAGO Maria	Haines Company, Inc.
	ALFAROREyna	Haines Company, Inc.

1452 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	ASSOCIATION NACIONAL PERSONS	Cole Information Services
1976	Blanco Jorge S	Pacific Telephone

1453 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Hernandez Jose	Pacific Telephone

1454 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Peace Herman	Pacific Telephone

1457 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o PALACIOSS i Ma	Haines Company, Inc.
1976	Mendoza Tina	Pacific Telephone

1460 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VIDEOZ	Haines Company, Inc.

1461 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LU Lisa	Haines Company, Inc.
	LAM Jenny	Haines Company, Inc.
1976	Vargas Rosa	Pacific Telephone
1958	Ortiz Rita	Pacific Telephone

1462 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PEREZJose	Haines Company, Inc.
	PEREZ Esther	Haines Company, Inc.
	MENDEZ Blanca + i	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	D KANTO Cardos	Haines Company, Inc.
1976	Emmons Jerry	Pacific Telephone
	Escalante Salvador	Pacific Telephone

1463 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Canton David	Pacific Telephone
1958	Steele Luke	Pacific Telephone

1464 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

1465 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHAIMINGMONGHO	Haines Company, Inc.
	Sunee	Haines Company, Inc.

1468 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	EL RANCHO MARKET	Cole Information Services
2008	EL RANCHO MARKET	Cole Information Services
2006	ELRANCHOMKT	Haines Company, Inc.
1976	Laveta Mkt	Pacific Telephone

1505 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VASQUEZ Elvra I	Haines Company, Inc.
1976	Venegas Miguel	Pacific Telephone
1958	Womack Jean	Pacific Telephone

1506 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CARRION Kenni	Haines Company, Inc.
	RIVASAraceli	Haines Company, Inc.

1507 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	X0 X	Haines Company, Inc.
1976	Springsteen Robt	Pacific Telephone

FINDINGS

1508 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	UNITED ALARM SYSTEMS INC	Cole Information Services
2008	UNITED ALARM SYSTEMS INC	Cole Information Services
2006	SYSTEMS INC	Haines Company, Inc.
	UNITD ALARM	Haines Company, Inc.

1509 W TEMPLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1976	California Blind Work Shop Distributors	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

1449 West Temple Street

Address Not Identified in Research Source

2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

1410 1/2 W TEMPLE

Address Not Identified in Research Source

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1410 TEMPLE W

2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1410 TEMPLE ST

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1410 W TEMPLE

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1410 W TEMPLE ST

2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1410 W TEMPLE ST

2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1412 1/2 W TEMPLE

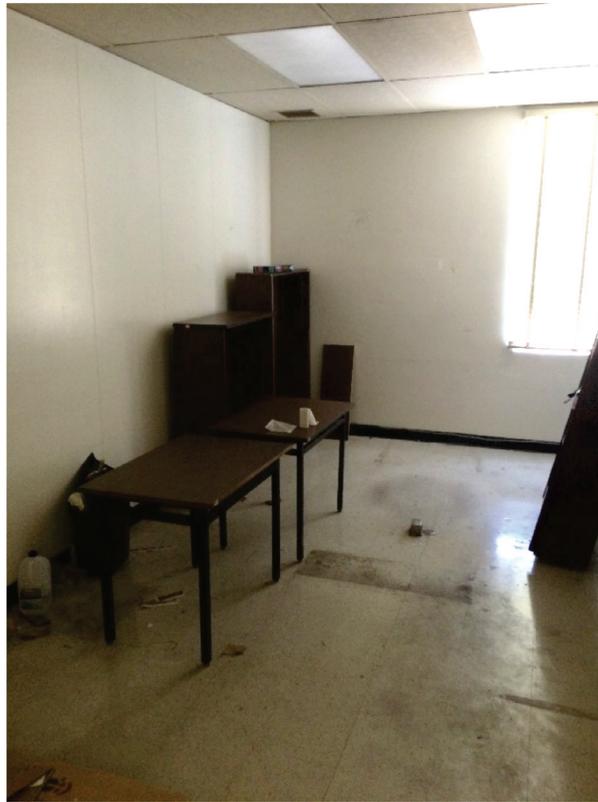
2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Appendix E

EDR Radius Map Report with GeoCheck[®]

Appendix F

Site Photographs



1. Empty office on second floor



2. Compressed gas cylinders stored on first floor



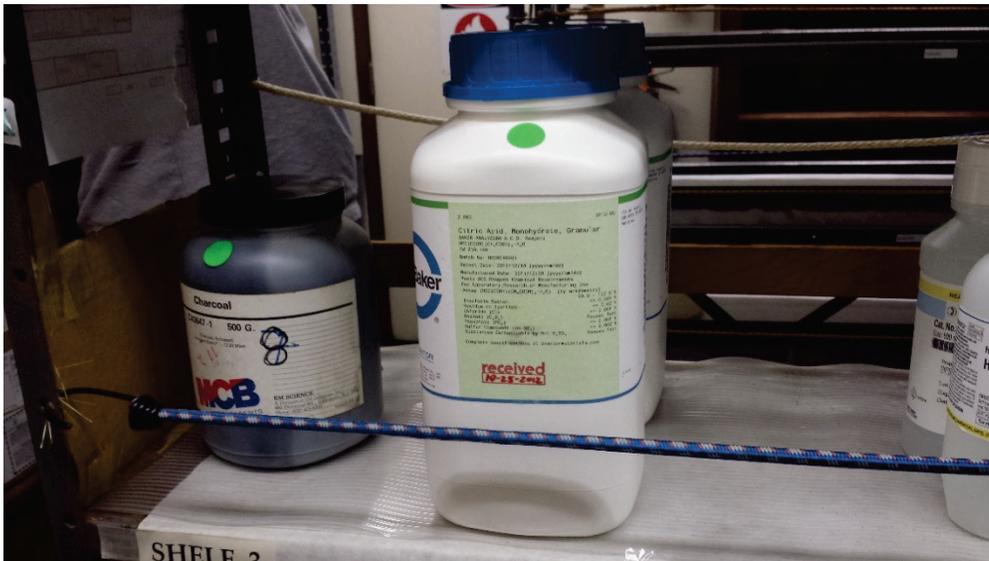
3. Chemical storage in outdoor storage shed



4. Fume hoods in first-floor laboratory



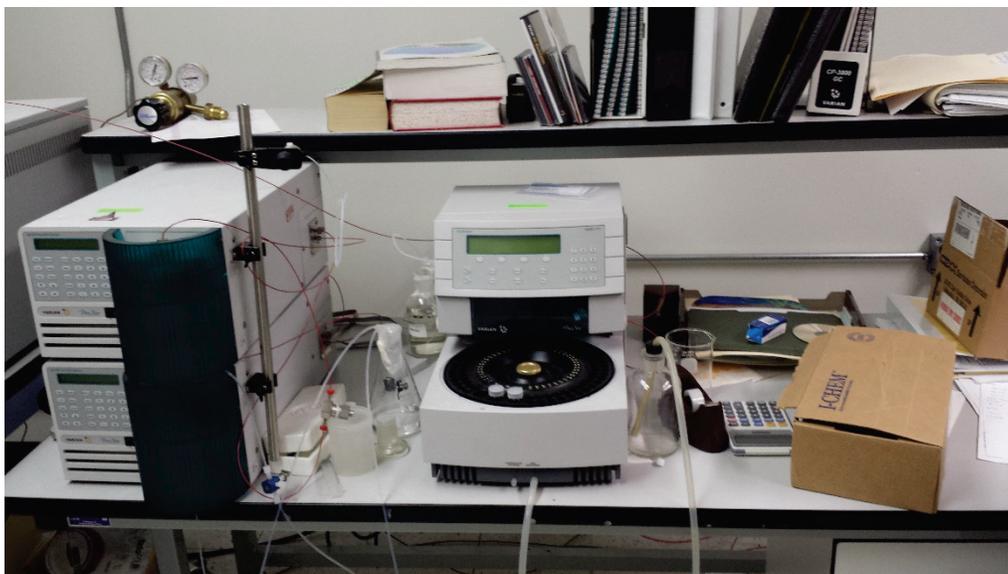
5. First-floor laboratory



6. Labeled chemicals in storage room



7. Outdoor temperature-controlled chemical storage shed



8. Equipment setup in first-floor laboratory



9. First-floor office space



10. Clarifier along Temple Street

Appendix G

Hazardous Building Materials Survey Report



HAZARDOUS BUILDING MATERIALS SURVEY

1449 West Temple Street
Los Angeles, California

AEC Project No. 14-166SD
November 11, 2014

Prepared for:

Avocet Environmental, Inc.
1 Technology Drive, Suite C515
Irvine, California 92618-5302

Prepared by:

Advantage Environmental Consultants, LLC
145 Vallecitos De Oro, Suite 201
San Marcos, California 92069
Phone (760) 744-3363 • FAX (760) 744-3383

November 11, 2014

Mr. Deke Siren
Avocet Environmental, Inc.
1 Technology Drive, Suite C515
Irvine, California 92618

Subject: **Hazardous Building Materials Survey**
 1449 West Temple Street
 Los Angeles, California
 AEC Project # 14-166SD

Dear Mr. Siren:

Advantage Environmental Consultants, LLC (AEC) has performed a Hazardous Building Materials Survey at the above referenced property. The following report describes the survey protocol, sampling procedures and laboratory results of the materials tested. AEC has provided conclusions and recommendations based on the results of the survey.

We appreciate the opportunity to be of service to Avocet Environmental, Inc. If you should have any questions regarding this report, please contact Dan Weis at (760) 744-3363.

Sincerely,

ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC



Daniel Weis, R.E.H.S.
Branch Manager
Western Regional Office



John Payne, CAC
Project Manager

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2.0 Findings	3
3.0 Conclusions and Recommendations	6
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Bulk Sampling Log, Analytical Laboratory Reports and Chain of Custody	

1.0 Purpose and Methodology

The purpose of the Hazardous Building Material Survey was to locate and identify visible and accessible potentially hazardous materials that would require abatement prior to renovation of the subject structure. The survey focused on asbestos containing materials (ACMs), lead-based paint (LBP), polychlorinated biphenyls (PCBs) and potential mercury sources within and on the structures at the subject property. The subject property is an irregular shaped parcel of land that is 1.17 acre in size and consists of a two-story building that is approximately 30,000 square feet in size.

A State of California Certified Asbestos Consultant and United States Environmental Protection Agency (USEPA) certified building inspector for Asbestos- Containing Building Materials and a California Department of Health Services Certified Lead Inspector/Assessor performed the field inspection on October 21, 2014. Potential ACM and LBP identification was performed by entering each functional space and assessing structural/mechanical components and architectural finishes. The physical conditions, friability, accessibility, activity and damage of suspect ACM was also assessed and documented. The LBP survey was accomplished by entering each room equivalent. A room equivalent is an identifiable part of a building such as a room, office, hallway, staircase, foyer and exteriors. Readings were obtained from each building component identified within each room equivalent by the use of a hand held X-Ray Fluorescence (XRF) lead-based paint analyzer. Each reading location and condition of paint was documented. A limited evaluation for polychlorinated biphenyl (PCB) containing light ballasts and mercury containing thermostats was also conducted during the survey.

The ACM survey methodology is summarized below:

- Each suspect ACM identified during the survey was sampled in accordance with sampling guidelines established by the USEPA. The following summarizes the sampling procedures utilized:
- Building materials were categorized into homogeneous materials. A homogeneous material is defined as being uniform in texture, color, and date of application.
- A sampling scheme was developed based upon the location and quantities of the various homogeneous materials.
- Bulk samples were collected by extracting a representative section of the selected material, placing it in a sampling container and assigning a unique sample number. The samples were placed into a sealed shipping container for delivery to an accredited laboratory for analysis by polarized light microscopy (PLM).
- The personnel performed proper decontamination procedures to prevent the spread of secondary contamination.

Each bulk sample was recorded on a bulk sample log and possession of the samples was tracked by a chain of custody record. The laboratory analyzed the building material samples and reported results in accordance with State of California protocol. The lower limit of reliable detection for this method is 1%. Samples that contain more than 1% of asbestos are reported in 5% ranges. Samples which contain asbestos in a concentration lower than the limit of reliable detection (<1%) are considered "Trace."

All bulk samples were analyzed by PLM in accordance with the "Interim Method for the Determination of Asbestos in Bulk Insulation Samples EPA - 600/M4-82-020" dated December 1982 and adopted by the National Voluntary Laboratory Accreditation Program (NVLAP) Title 15, part 7 of the Code of Federal Register as affiliated with the National Institute for Standards and Testing (NIST).

Thirty-one (31) samples were obtained at the subject building and analyzed for asbestos content by Forensic Analytical of Rancho Dominguez, California. Forensic Analytical is accredited by the American Industrial Hygiene Association, NVLAP, NIST, and is a successful participant in the Proficiency Analytical Testing Program (PAT).

The LBP survey methodology is summarized below:

As stated previously, LBP readings were collected utilizing an XRF analyzer. Readings were collected in accordance with Chapter 7 of the HUD Guidelines for Evaluation and Control of Lead-Based Paint Hazards in Housing and U.S. Environmental Protection Agency (EPA) 40 CFR part 745 and Title X of the 1992 Housing and Community Development Act. A total of 30 XRF readings were obtained during the survey.

The California Department of Health Services standard for the definition of LBP is 1.0 mg/cm² or 5000 parts per million (ppm). However, the California Occupational Safety and Health Commission (CALOSHA) standard for the definition of LBP is 0.7 mg/cm² or 600 ppm and requires that all workers be properly protected when working with building components containing any level of lead in accordance with Title 8 CCR Section 1532.1.

The PCB and mercury survey methodology is summarized below:

A representative number of accessible light ballasts were inspected for "No PCBs" markings. AEC did not sample ballasts for PCB content during this qualitative survey. Visible and accessible thermostat switches throughout the site structure were inspected for their potential to contain mercury.

2.0 Findings

ASBESTOS CONTAINING MATERIALS SAMPLE RESULTS AND LOCATIONS

Four of the building materials sampled during the survey tested positive or trace for ACM and are noted in the table below. Transite fume hoods and sinks were not sampled and are assumed to be positive for ACM.

Material	Sample Number	Asbestos Content	Location of Material	Friable	Damage
Sprayed Applied Fireproofing	01 02 03	7% Chrysotile	Throughout First Floor Above Ceiling	Yes	No
White 12x12 Vinyl Floor tile and Mastic	16 17 18 19 20 21	Tile Non Detected Mastic 2% Chrysotile	Throughout Interior	No	No
Brown 9x9 Vinyl Floor Tile and Mastic	22	Tile 2% Chrysotile Mastic 2% Chrysotile	Second Floor Tel Closet	No	No
Baseboard Mastic	26 27 28 29 30 31	Trace Anthophyllite	Throughout Interior	No	No
Transite Fume Hoods and Sinks	---	Assumed	Throughout Interior	No	N/A

The remaining building materials sampled during the survey tested negative for ACM and are noted in the table below.

Material	Sample Number	Location of Material	Friable	Damage
Drywall and Joint Compound	04 05 06 07 08 09	Throughout Interior Walls and Ceiling	No	No
Ceiling Tile	10 11 12 13 14 15	Throughout Interior Ceiling	No	No
12x12 Wall Tile and Mastic	23 24 25	Throughout Interior	No	No

The bulk sample logs and analysis report, located in Appendix A, contain a listing of all analyzed samples, sample locations, and analytical results. Results are reported in percent asbestos by volume and indicate the type(s) of asbestos. Other common non-asbestos components may also be noted on the analytical report. A hazard assessment of ACM or material containing trace asbestos identified during the survey is presented in the table below. For the purposes of the hazard assessment, “good” condition represents material that shows little or no damage and requires no remedial action if left in place, “moderate” condition represents material that is somewhat damaged and is in need of minor repairs, and a “significantly damaged” designation represents material that is in need of immediate remedial action. As shown in the table, the ACM identified during the survey is noted as being in good condition.

Material	Location of Material	Hazard Condition
Sprayed Applied Fireproofing	Throughout First Floor Above Ceiling	Good
White 12x12 Vinyl Floor tile and Mastic	Throughout Interior	Good
Brown 9x9 Vinyl Floor Tile and Mastic	Second Floor Tel Closet	Good
Baseboard Mastic	Throughout Interior	Good
Transite Fume Hoods and Sinks	Throughout Interior	Good

Good - Material shows little or no damage and requires no remedial action.

Moderate - Material is somewhat damaged and is in need of minor repairs.

Significantly Damaged - Material is in need of immediate remedial action.

LEAD BASED PAINT SAMPLE RESULTS AND LOCATIONS

None of the 30 building component surfaces analyzed using the XRF instrument were found to contain detectable concentrations of lead. The lead sampling results are shown on the table below.

Sample Number	Location	Component	Substrate	Condition	Pb mg/cm ²
NA	----	Calibration	----	----	1.0
NA	----	Calibration	---	----	1.0
NA	---	Calibration	---	---	1.1
1	Exterior	Wall	Brick	Good	0.0
2	Exterior	Wall	Brick	Good	0.0
3	Exterior	Wall	Brick	Good	0.0
4	Exterior	Wall	Brick	Good	0.0
5	Exterior	Wall	Brick	Good	0.0
6	Exterior	Door Jamb	Metal	Good	0.0
7	Exterior	Door	Metal	Good	0.0
8	Exterior	Door Jamb	Metal	Good	0.0
9	Exterior	Door	Metal	Good	0.0
10	Interior	Wall	Drywall	Good	0.0
11	Interior	Wall	Drywall	Good	0.0
12	Interior	Wall	Drywall	Good	0.0
13	Interior	Wall	Drywall	Good	0.0
14	Interior	Wall	Drywall	Good	0.0
15	Interior	Wall	Drywall	Good	0.0
16	Interior	Door	Wood	Good	0.0
17	Interior	Door Jamb	Metal	Good	0.0
18	Interior	Door	Wood	Good	0.0

Sample Number	Location	Component	Substrate	Condition	Pb mg/cm ²
19	Interior	Door Jamb	Metal	Good	0.0
20	Interior	Door	Wood	Good	0.0
21	Interior	Door Jamb	Metal	Good	0.0
22	Interior	Door	Wood	Good	0.0
23	Interior Restroom	Wall	Ceramic Tile	Good	0.0
24	Interior Restroom	Wall	Ceramic Tile	Good	0.0
25	Interior Restroom	Floor	Ceramic Tile	Good	0.0
26	Interior Restroom	Floor	Ceramic Tile	Good	0.0
27	Interior Restroom	Wall	Ceramic Tile	Good	0.0
28	Interior Restroom	Wall	Ceramic Tile	Good	0.0
29	Interior Restroom	Floor	Ceramic Tile	Good	0.0
30	Interior Restroom	Floor	Ceramic Tile	Good	0.0
NA	----	Calibration	----	----	1.0

PCB AND MERCURY EVALUATION RESULTS

No suspect PCB or mercury containing building components were observed during the survey.

3.0 Conclusions and Recommendations

AEC is providing the following conclusions and recommendations based on the results of this survey:

- It is AEC's opinion that the ACM and material containing trace asbestos identified during this survey can be managed in place under an Asbestos Operations and Maintenance (O&M) Plan. The material identified is in good condition, and not likely to pose an environmental and/or public health risk as long as the material is maintained in its present condition.
- All ACM or material containing trace asbestos must be removed if it is to be disturbed during planned demolition or renovation. Current federal and state regulations require any repair, renovation and/or demolition of any such material should be conducted only by workers and/or contractors who have been properly trained in the correct handling of such materials. All asbestos work should be accomplished under the direction of an Independent State Certified Asbestos Consultant with oversight performed by a State Certified Site Surveillance Technician. The waste material must be disposed of at an approved facility licensed to handle such waste. It is the responsibility of the selected abatement contractor to quantify, characterize, profile and properly dispose of all ACM and material containing trace asbestos in and on the site structure prior to building demolition or renovation.
- The OSHA Construction Asbestos Standard requires building and/or facility owners to notify the following persons of the presence, location and quantity of ACM or material presumed to be ACM, at the work sites in their buildings and facilities:
 - (A) Prospective employers applying or bidding for work whose employees reasonably can be expected to work in or adjacent to areas containing such material;
 - (B) Employees of the owner who will work in or adjacent to areas containing such material;
 - (C) On multi-employer worksites, all employers of employees who will be performing work within or adjacent to areas containing such materials; and
 - (D) Tenants who will occupy areas containing such material.
- LBP was not identified at the site building.
- AEC recommends that as part of the bid process for demolition or renovation of the existing structure at the site, this document should be provided to prospective demolition contractors so that the abatement/removal of ACM and material containing trace asbestos can be incorporated in to such contractor bids. **It is the contractor's responsibility to confirm impacted material locations and quantities prior to bid submittals. In addition, the demolition contractor will also be responsible for the quantity estimation and removal of any building materials falling under the category of Universal Waste, which would include, but not be limited to potential Freon containing air conditioning units and refrigerators, potential PCB-containing light ballasts, potential tritium-containing exit signs and potential mercury-containing thermostats, switches, and fluorescent light tubes.**

AEC warrants that our services are performed within the limits prescribed by our client with the usual thoroughness and competence of the engineering profession. Any recommendations in

this report are professional opinions based solely on visual observations and analytical analyses, as described in this report. Because the scope of services was limited to accessible and visible suspect ACM, potential LBP, and intrusive investigative techniques were not contracted for, it is possible that unrecognized ACM, material containing trace asbestos and LBP might exist. Any unassessed materials present in inaccessible locations and areas that were not visible during the survey (if encountered at a later time) must be sampled for ACM or LBP prior to disturbance. Opinions and recommendations presented herein apply to site conditions existing at the time of our investigation and cannot necessarily apply to site changes of which this office is not aware and/or has not had the opportunity to evaluate.

APPENDIX A

Bulk Sampling Log, Analytical Laboratory Report
and Chain of Custody

Client Name: _____

Project Location: 1449 W. TEMPLE ST L.A.

Date: 10-21-14 Field Technician: JOHN PARR

Project Number: 14-1557 Priority: ASAP 24 HR 7 3-5 Days _____

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	SQUARE FOOTAGE
01	155 Floor ABON CCK	FIRE PROBBING	
02	↓ f	↓ f	
03	↓ f	↓ f	
04	2nd Floor HVAC Rm.	ROQUANAM Joints Compound	
05	2nd Floor inter closer	↓ ↓	
06	2nd Floor office 222	↓ ↓	
07	156 Floor ABON CCK LAB.	↓ ↓	
08	156 Floor HALLWAY	↓ ↓	
09	156 Floor OFFICE	↓ ↓	
10	21 Floor HALLWAY	Ceiling Tile	

Chain of Custody Analytical Method: PLM: 7 TEM: _____ Other: _____

Sampled By		Date	Time
Relinquished By		Date	Time
Received By		Date	Time
Relinquished By		Date	Time
Received By		Date	Time

ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC
 145 Vallecitos De Oro, Suite 201
 San Marcos, California 92069

ASBESTOS BULK SAMPLE LOG Page 2 of 4

Client Name: _____

Project Location: 1449 W TEMPLE ST

Date: 10-21-14 Field Technician: John Payne

Project Number: 14-1557 Priority: ASAP 24 HR 3-5 Days

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	SQUARE FOOTAGE	
11	2nd Floor ²²⁰ office	CRIT. TILK		
12	2nd Floor 204	↓ ↓		
13	1st Floor LAB			
14	1st Floor HANDWAY			
15	1st Floor OFFICE			
17/6	2nd Floor OFFICE ^{where}		Vinyl Floor TILK AT MATING	
18/7	2nd Floor HANDWAY			
19/8	2nd Floor HANDWAY			
20/9	1st Floor HANDWAY			
20	1st Floor ^{FILED} OFFICE			

Chain of Custody: Analytical Method: PLM: ✓ TEM: _____ Other: _____

Sampled By		Date	Time
Relinquished By		Date	Time
Received By	<i>[Signature]</i>	Date	Time
Relinquished By		Date	Time
Received By		Date	Time

[Signature] Date: 10/28/14 Time: 10⁰⁰ AM

ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC
 145 Vallecitos De Oro, Suite 201
 San Marcos, California 92069

ASBESTOS BULK SAMPLE LOG Page 3 of 4

Client Name: _____

Project Location: 1449 W. Temple St.

Date: 10-21-14 Field Technician: Paul Ryan

Project Number: 14-1557 Priority: ASAP 24 HR 7 3-5 Days

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	SQUARE FOOTAGE
21	1st Floor LABS ^{white}	1st Floor Film Asbestos	
22	2nd Floor ^{File} ^{cup} ^{closed}	1st Floor Film Asbestos	
23	Boiler Room ^{12yr}	1st Floor Film Asbestos	
24	Room # 221		
25	1st Floor Room #126		
26	1st Floor Hallway	Basement Asbestos	
27	1st Floor office		
28	1st Floor LABS		
29	2nd Floor Hallway		
30	2nd Floor office		

Chain of Custody: _____ Analytical Method: PLM: 7 TEM: _____ Other: _____

Sampled By		Date	Time
Relinquished By		Date	Time
Received By	<u>Camille Fts</u>	Date <u>10/28/14</u>	Time <u>10⁰⁰ AM</u>
Relinquished By		Date	Time
Received By		Date	Time

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 145 Vallecitos De Oro, Suite 201
 San Marcos, California 92069

ASBESTOS BULK SAMPLE LOG Page 4 of 4

Client Name: _____

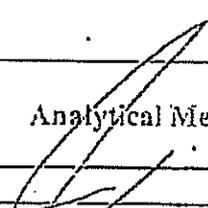
Project Location: 1449 W. Temple St.

Date: 10-21-14 Field Technician: Phil Payne

Project Number: 14-1557 Priority: ASAP 24 HR 7 3-5 Days _____

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	SQUARE FOOTAGE
<u>31</u>	<u>2nd floor office</u>	<u>BATHROOM at margin</u>	

Chain of Custody: Analytical Method: PLM: 7 TEM: _____ Other: _____

Sampled By		Date	Time
Relinquished By		Date	Time
Received By	<u>J. L. ...</u>	Date <u>10/28/14</u>	Time <u>10⁰⁵ AM</u>
Relinquished By		Date	Time
Received By		Date	Time



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Client ID: 5697
Report Number: B197529
Date Received: 10/28/14
Date Analyzed: 10/30/14
Date Printed: 10/30/14
First Reported: 10/30/14

Job ID/Site: 14-1557; 1449 W. Temple St., L.A.

FALI Job ID: 5697

Date(s) Collected: 10/21/2014

Total Samples Submitted: 31

Total Samples Analyzed: 31

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
01	50892462						
Layer: Beige Semi-Fibrous Material		Chrysotile	7 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
02	50892463						
Layer: Beige Semi-Fibrous Material		Chrysotile	7 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
03	50892464						
Layer: Beige Semi-Fibrous Material		Chrysotile	7 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
04	50892465						
Layer: White Drywall		Actinolite	Trace				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (5 %)							
05	50892466						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (3 %)							
06	50892467						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							
07	50892468						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (3 %)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
08	50892469						
		Layer: White Drywall			ND		
		Layer: White Skimcoat/Joint Compound			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (20 %) Fibrous Glass (5 %)					
09	50892470						
		Layer: White Drywall			ND		
		Layer: White Skimcoat/Joint Compound			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (20 %) Fibrous Glass (3 %)					
10	50892471						
		Layer: Beige Fibrous Material			ND		
		Layer: Paint			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (35 %) Fibrous Glass (45 %)					
11	50892472						
		Layer: Beige Fibrous Material			ND		
		Layer: Paint			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (35 %) Fibrous Glass (45 %)					
12	50892473						
		Layer: Beige Fibrous Material			ND		
		Layer: Paint			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (35 %) Fibrous Glass (45 %)					
13	50892474						
		Layer: Beige Fibrous Material			ND		
		Layer: Paint			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (35 %) Fibrous Glass (45 %)					
14	50892475						
		Layer: Beige Fibrous Material			ND		
		Layer: Paint			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (35 %) Fibrous Glass (45 %)					
15	50892476						
		Layer: Beige Fibrous Material			ND		
		Layer: Paint			ND		
		Total Composite Values of Fibrous Components:		Asbestos (ND)			
		Cellulose (35 %) Fibrous Glass (45 %)					

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
16	50892477						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
17	50892478						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
18	50892479						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
19	50892480						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
20	50892481						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
21	50892482						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
22	50892483						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
23	50892484						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
24	50892485						
		Layer: Brown Mastic	ND				
		Layer: Tan Fibrous Material	ND				
		Layer: Paint	ND				
		Total Composite Values of Fibrous Components:	Asbestos (ND)				
		Cellulose (85 %)					
25	50892486						
		Layer: Brown Mastic	ND				
		Layer: Tan Fibrous Material	ND				
		Layer: Paint	ND				
		Total Composite Values of Fibrous Components:	Asbestos (ND)				
		Cellulose (85 %)					
26	50892487						
		Layer: Black Non-Fibrous Material	ND				
		Layer: Off-White Mastic	ND				
		Layer: Brown Mastic	Anthophyllite	Trace			
		Layer: Off-White Skimcoat/Joint Compound	Chrysotile	2 %			
		Layer: White Drywall		ND			
		Total Composite Values of Fibrous Components:	Asbestos (Trace)				
		Cellulose (10 %)					
27	50892488						
		Layer: Black Non-Fibrous Material	ND				
		Layer: Brown Mastic	Anthophyllite	Trace			
		Layer: Off-White Skimcoat/Joint Compound	Chrysotile	2 %			
		Layer: Drywall Backing		ND			
		Total Composite Values of Fibrous Components:	Asbestos (Trace)				
		Cellulose (10 %)					
28	50892489						
		Layer: Black Non-Fibrous Material	ND				
		Layer: Off-White Mastic	ND				
		Layer: Brown Mastic	Anthophyllite	Trace			
		Layer: Off-White Skimcoat/Joint Compound	Chrysotile	2 %			
		Layer: White Drywall		ND			
		Total Composite Values of Fibrous Components:	Asbestos (Trace)				
		Cellulose (10 %)					
29	50892490						
		Layer: Black Non-Fibrous Material	ND				
		Layer: Off-White Mastic	ND				
		Layer: Brown Mastic	Anthophyllite	Trace			
		Layer: Off-White Skimcoat/Joint Compound	Chrysotile	2 %			
		Layer: Drywall Backing		ND			
		Total Composite Values of Fibrous Components:	Asbestos (Trace)				
		Cellulose (10 %)					

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
30	50892491						
Layer: Black Non-Fibrous Material			ND				
Layer: Off-White Mastic			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (10 %)							
31	50892492						
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: Drywall Backing			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (10 %)							



Tiffani Ludd, Laboratory Supervisor, Rancho Dominguez Laboratory

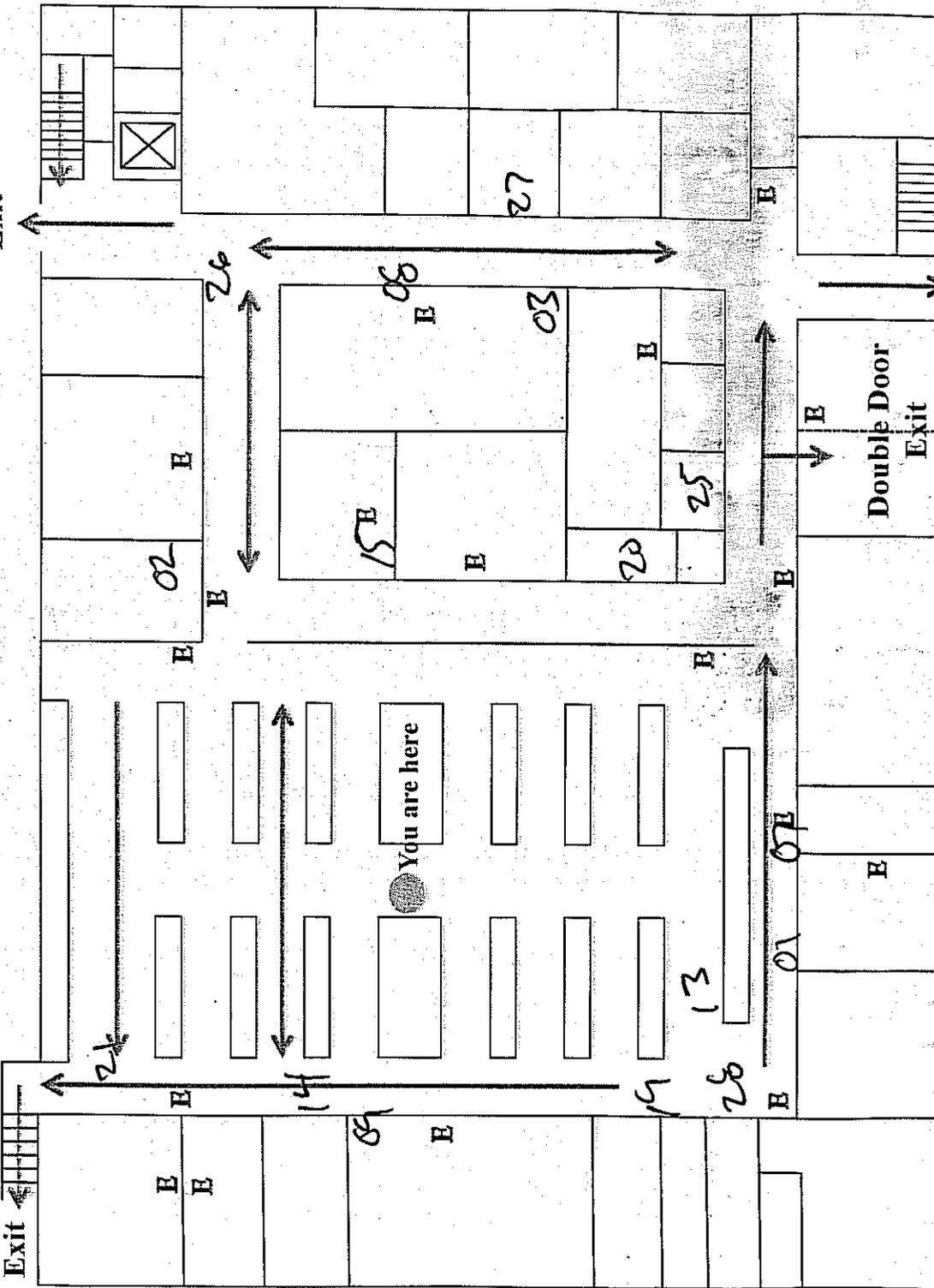
Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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W. Temple Street →

Emergency Exit

Front Entrance Exit

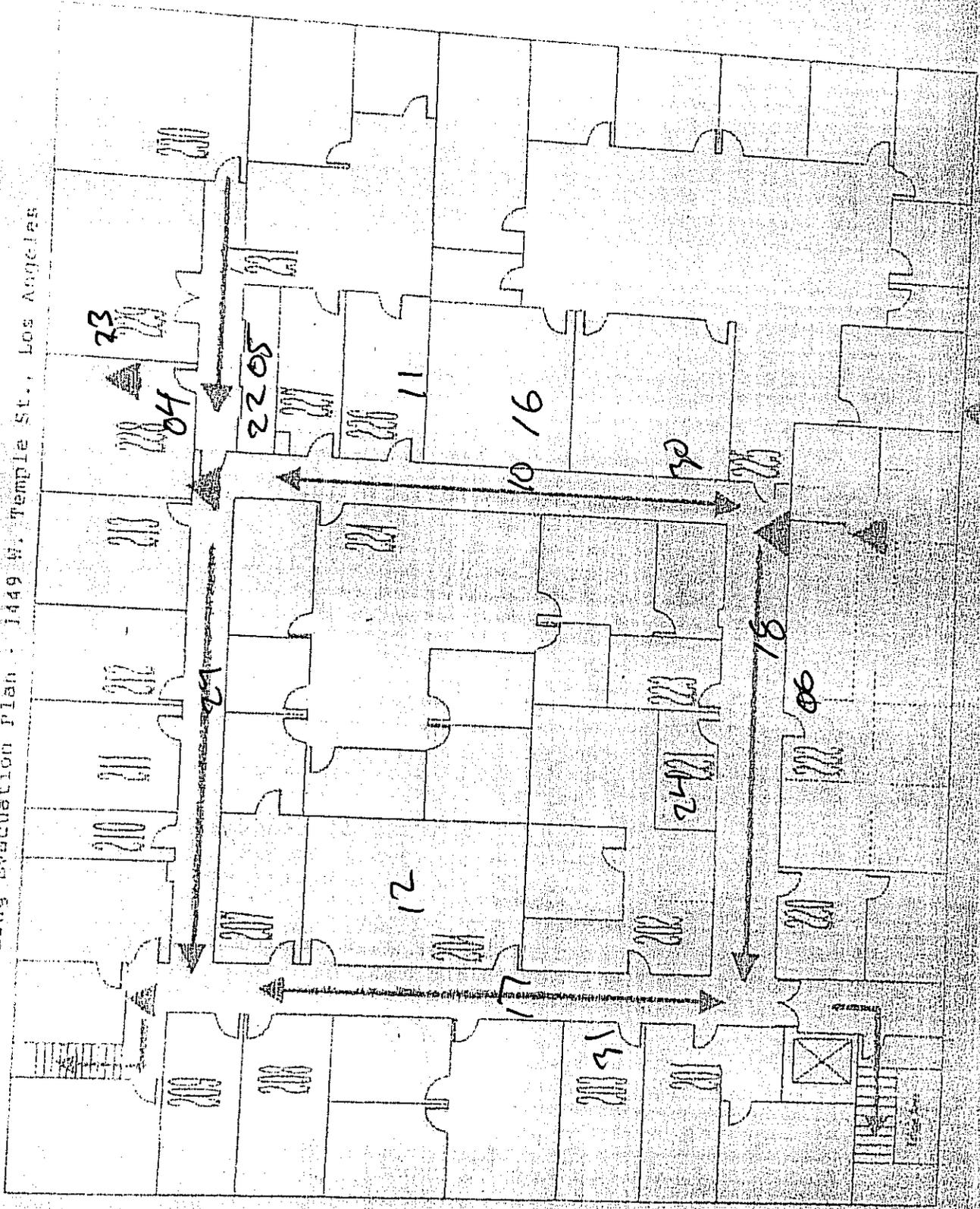


→ Evacuation Route
E Fire Extinguisher

US 101 Freeway

Back Door Exit

Building Evacuation Plan - 1449 W. Temple St., Los Angeles



Fire Extinguisher

SECOND FLOOR

Appendix H

Chemical Inventory List

Drinking Water and Radiation Laboratory - Chemical Store Room

Fill in the following columns: **Common, Chemical Name, C.A.S., State, Days, Large, Unit, Max and Avg.**

For mixtures, list any products purchases as mixtures

Common	Chemical Name	C.A.S. #	E.H.S.	Type	State	Federal	State	D	Large	Unit	Max	AVG	Annual	Storage	Stor	Stor
Trade	or Components	for each	Y OR N	Pure	Solid	Hazard	Waste	A	Cont.	of	Daily	Daily	Waste	Container	Pres	Temp
Waste	(% by weight,	components		or	Liquid	Category	Code	Y	Size	Meas	AMT.	AMT	through	code	ambient	A. AA
Mixture	list up to 5)			mixture	Gas	A.C.F.		S	Vol.				put	at	greater	or BA
						P.R.								bottom	lower	or CRY
Trade	Ammonium Chloride			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Ammonium Molybdate			Pure	Solid			365	2	500 gm.	Plastic	<1g				Ambient
Trade	Boric Acid			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Calcium Chloride			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Disodium Dihydrogen			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Ferrous Ammonium Sulfate			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Iron (III) Chloride			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Iron 99%			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Manganese (II) Sulfate Monohydrate			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Magnesium Sulfate (Heptahydrate)			Pure	Solid			365	1	100 gm.	Plastic	<1g				Ambient
Trade	Mercuric Oxide			Pure	Solid			365	1	500 gm	Plastic	<1g				Ambient
Trade	Mercuric Sulfate			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Potassium Iodide			Pure	Solid			365	1	500 gm.	Amber Gla	<1g				Ambient
Trade	Potassium Chloride			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Potassium Ferricyanide			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Potassium Hydroxide			Pure	Solid			365	1	500 gm	Plastic	<1g				Ambient
Trade	Potassium Phosphate			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Sodium Acetate			Pure	Solid			365	0	500 gm.	Plastic	<1g				Ambient
Trade	Sodium Azide			Pure	Solid			365	1	100 gm.	Amber Gla	<1g				Ambient
Trade	Sodium Bicarbonate			Pure	Solid			365	1	5 lb.	Amber Gla	<1g				Ambient
Trade	Sodium Chloride			Pure	Solid			365	1	1 kg.	Plastic	<1g				Ambient
Trade	Sodium Nitroferrocyanide			Pure	Solid			365	1	0.25 lb.	Amber Gla	<1g				Ambient
Trade	Sodium Phosphate			Pure	Solid			365	1	500 gm.	Amber Gla	<1g				Ambient
Trade	Sodium Phosphate Anhydrous			Pure	Solid			365	1	1 kg.	Plastic	<1g				Ambient
Trade	Sodium Sulfite			Pure	Solid			365	1	500 gm.	Amber Gla	<1g				Ambient
Trade	Sodium Sulfite			Pure	Solid			365	1	1 lb.	Amber Gla	<1g				Ambient
Trade	Sodium Sulfate			Pure	Solid			365	9	500 gm.	Amber Gla	<1g				Ambient
Trade	Sodium Thiosulfate			Pure	Solid			365	4	500 gm.	Plastic	<1g				Ambient
Trade	Tin (II) Chloride Dihydrate			Pure	Solid			365	1	250 gm.	Amber Gla	<1g				Ambient
Trade	Amino Antipyrine			Pure	Solid			365	1	100 gm.	Amber Gla	<1g				Ambient
Trade	Barbituric Acid			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Brilliant Green			Pure	Solid			365	1	25 gm.	Amber Gla	<1g				Ambient
Trade	Bromothymol Blue			Pure	Liquid			365	1	500 ml.	Plastic	<1g				Ambient
Trade	Eriochrome Black T			Pure	Solid			365	1	25 gm.	Amber Gla	<1g				Ambient
Trade	Dextrose			Pure	Solid			365	1	100g	Amber Gla	<1g				Ambient
Trade	Disodium EthylenediamineTetraacetate			Pure	Solid			365	1	500 gm.	Amber Gla	<1g				Ambient
Trade	Disodium Dihydrogen Ethylenediamine			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Glutamic Acid			Pure	Solid			365	1	500 gm.	Plastic	<1g				Ambient
Trade	Glycine solution			Pure	Liquid			365	1	100 ml.	Amber Gla	<1g				Ambient
Trade	Methyl Orange			Pure	Solid			365	1	1 lb.	Amber Gla	<1g				Ambient
Trade	Methyl Red			Pure	Solid			365	1	25 gm.	Amber Gla	<1g				Ambient
Trade	Murexide			Pure	Solid			365	1	5 gm.	Amber Gla	<1g				Ambient
Trade	N-1 Naphthylethylene Dihydrogren Chloride			Pure	Solid			365	1	25 gm.	Amber Gla	<1g				Ambient
Trade	Phenol Red			Pure	Solid			365	1	5 gm.	Amber Gla	<1g				Ambient
Trade	Starch			Pure	Solid			365	1	1 lb.	Plastic	<1g				Ambient
Trade	Silica Gel			Pure	Solid			365	1	5 lb.	Amber Gla	<1g				Ambient
Trade	Sodium Carbonate			Pure	Solid			365	1	5 lb.	Plastic	<1g				Ambient